



**BODY & PAINTSHOP, TIRESHOP**

## HEDSON TECHNOLOGIES

One company - three brands,  
Hedson Technologies offers you sustainable  
solutions for all your needs in the workshop.

With user experience in focus and based on innovative  
technology, all Hedson brands and products have one thing  
in common - to deliver technical solutions that meet the high  
demands of professional customers.

Hedson offers sustainable, durable and easy to use products  
for all areas and sizes of workshops.

### ORIGINAL INNOVATORS, FOUNDED IN:

#### 1967 IRT

- High quality curing  
Infrared  
UV-A LED
- Handheld
- Mobile
- Fixed installations
- Fast and precise
- Save energy
- Optimise workflow
- Save time



**IRT**  
SYSTEM

#### 1974 HERKULES

- Pneumatic lifts  
Lift on chassis  
Lift on wheels  
Duo function
- Durable
- Clean
- In ground
- On ground
- For prep area
- For spray booth



**Herkules**

#### 1978 DRESTER

- Spray gun cleaners
- Durable pumps  
For water  
For solvent  
Combi systems
- Wheel Washers  
Durable pumps  
Smart user interface
- Integrated recycling



**DRESTER**



All Hedson original products are designed, developed and assembled in Sweden and Germany.





## IRT CURING EQUIPMENT

Save space, time and money

*A wide selection of high-quality, user-friendly, space saving short-wave infrared (IR) and ultraviolet (UV-A) IRT dryers.*

*A combination of 55+ years of curing know-how, high-end parts, sophisticated software and inhouse/third party/user tests will cure your material 100%, every time.*

IRT mobiles and rail dryers provide reliable, high quality results with advanced curing technology that is easy to use. They are designed for the workshop, to save floor space and speed up the repair job process.

IRT provides maximum productivity in the body shop, always considering health and safety regulations.

- Controlled heat distribution
- Large curing areas
- Short curing times

### IR CURING, DRY IN MINUTES

IRT IR dryers use gold coated reflectors for superior heat transfer management.

### UV-A CURING, DRY IN SECONDS

IRT UV-A dryers have an outstanding intensity, developed in cooperation with market leading paint manufacturers.

### IF YOU WANT IT ALL

The combination of IR and UV-A curing makes our IRT COMBI range unique.



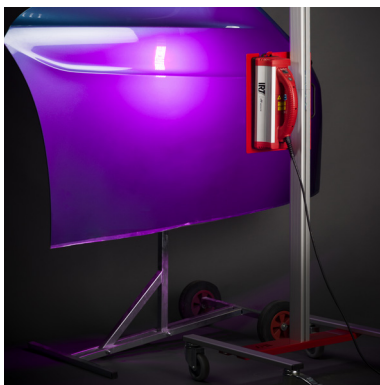
## **IR HANDHELD & MOBILE DRYERS**

**Efficient, safe and quick IR drying**

Handheld and IRT mobile dryers that cure all base coat and paint materials. Easy access with flexible arms that are easy to adjust.

**HIGH-EFFICIENCY REFLECTORS**

**ADVANCED, USER FRIENDLY SOFTWARE**



## **UV-A HANDHELD & MOBILE DRYERS**

**High quality UV-A curing for all workshops**

IRT UV-A curing with high intensity in a variety of models. UV-A LED models and UV-A HID mobiles.

**OUTSTANDING INTENSITY**

**HIGH QUALITY DURABLE UV-A CURING**



## **RAIL DRYERS**

**Space savers with improved workflow**

IRT Rail dryers are wall- and ceiling installations for prep stations and spray booths with IR- and/or UV-A availability from all angles.

**NO LOOSE CABLES**

**MAINTENANCE FREE**



## **ARCH DRYERS**

**Improved throughput of vehicles in the workshop**

In-booth and prep station curing that saves energy, time and space. IRT Arch dryers automatically move and identify the chosen car panel, using only the corresponding IR-lamps necessary.

**CURES VEHICLES AND LOOSE PANELS**

**FULLY AUTOMATIC AND EASY TO USE**





## IRT INFRARED CURING

### Careful consideration of bodyshop heating requirements

*To provide the best heat transfer possible, all IRT infrared (IR) dryers are equipped with unique gold coated reflectors.*

IRT reflectors provide a superior heat distribution and a large curing area. Short-wave IR provides full heat immediately and penetrates deep into the paint. The paint cures from the inside and out without retaining solvents and moisture.

Heat loss to the air is minimal and all energy is transferred to the surface. IRT IR dryers irradiate the object and do not heat the surrounding air, thereby minimizing energy losses.

- Efficient use of energy
- Short drying times
- Large curing area
- High quality curing results



#### ADVANCED AUTOMATIC DISTANCE AND TEMPERATURE CONTROL.

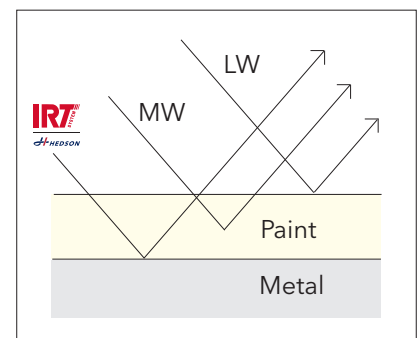
Look for these symbols for temperature measurement (pyrometer), laser circle and digital distance sensor. The surface temperature is continuously measured and the effective output regulated in a split second for optimal curing results.



#### IRT CURING TIMES

|                                   |          |
|-----------------------------------|----------|
| Putty                             | 5-6 min  |
| Filler, bright/dark               | 7-15 min |
| Water based paint                 | 4-6 min  |
| Base coat                         | 4-8 min  |
| Top/clear coat, plastic filler    | 4-15 min |
| Plastic top/clear coat, soft cure | 5-17 min |
| Final boost                       | 2-4 min  |

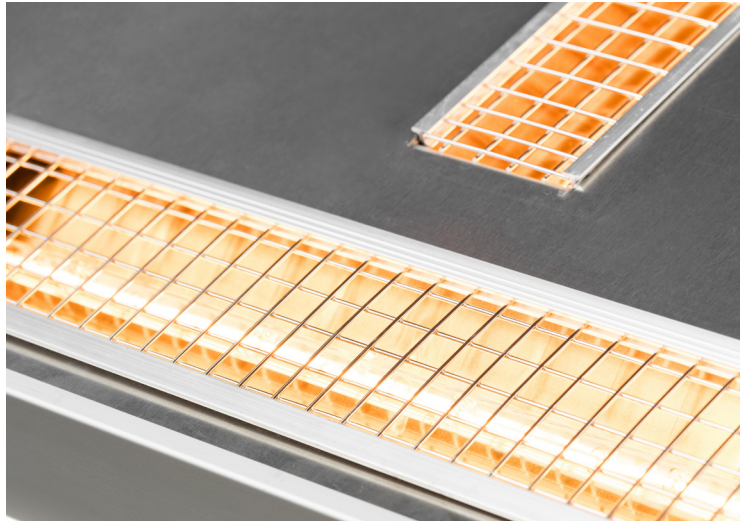
*The curing time is extremely short. Times above apply to the PcAuto range. Add a minute or two for other models.*



#### SIMPLIFIED DIAGRAM

*Short-wave heat cures from the inside and out without retaining solvents and moisture.*

## 55+ years of infrared curing innovation:



### **Even heat = faster, better curing.**

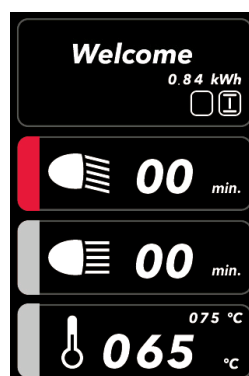
The IRT **FreeForm reflector shape** is carefully designed so that no spots get too hot or too cold. (Because the coldest part decides how long curing takes, and the hottest part limits the max temperature.)

### **Less wasted energy with 24K gold.**

We coat the IRT FreeForm reflector with **24K gold**. This reflects the infrared energy onto the surface (up to 97%), not the surroundings.

### **Longlife lamps - low maintenance.**

To keep everything running smoothly, a **high-quality ventilation system** prevents overheating. This helps the lamps last longer (up to 20.000 hrs).



• • • **Minimal energy consumption**

PrepCure: digital displays with visible energy-use after each cycle, reinforcing IRT's commitment to minimal energy consumption.





## PREP 1 & PREP 2

### Curing made simple

- Handheld or on a stand (great reach: 1.7 m)
- Compact with high-quality infrared lamps
- Prep 1 - one lamp - 1000 W
- Prep 2 - two lamps - 1000 W/lamp
- Stable and tip-resistant mobile stand (option)
- Powerful ventilation increases lamp life (Prep 2)
- Efficient IRT FreeForm 24K gold reflector (Prep 2)
- Optional: Stand / Timer for stand

#### PREP 1, HANDHELD

| Part no. | Current | Output power | Fuse | Voltage                      | Frequency |
|----------|---------|--------------|------|------------------------------|-----------|
| 801010   | 4 A     | 1 kW         | 10 A | 230V, 1 PH, EU               | 50-60 Hz  |
| 801011   | 4 A     | 1 kW         | 10 A | 230V, 1 PH, UK (UK plug)     | 50-60 Hz  |
| 801012   | 4 A     | 1 kW         | 10 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz  |
| 801013   | 7 A     | 0.8 kW       | 15 A | 100V, 1 PH, JP               | 50-60 Hz  |
| 801014   | 7 A     | 0.8 kW       | 15 A | 120V, 1PH, NA ETL            | 50-60 Hz  |

#### PREP 2, HANDHELD

| Part no. | Current | Output power | Fuse | Voltage                      | Frequency |
|----------|---------|--------------|------|------------------------------|-----------|
| 801020   | 9 A     | 2 kW         | 13 A | 230V, 1 PH, EU               | 50-60 Hz  |
| 801021   | 9 A     | 2 kW         | 13 A | 230V, 1 PH, UK (UK plug)     | 50-60 Hz  |
| 801022   | 9 A     | 2 kW         | 13 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz  |
| 801023   | 13 A    | 1.6 kW       | 15 A | 100V, 1 PH, JP               | 50-60 Hz  |
| 801024   | 13 A    | 1.6 kW       | 15 A | 120V, 1PH, NA ETL            | 50-60 Hz  |

#### STAND FOR PREP 1/PREP 2

| Part no. | Voltage       |
|----------|---------------|
| 801028   | -             |
| 801029   | 230V, 1PH, EU |

Stand without timer  
Timer (EU)



#### PREP 1

Handheld (LxHxD) 418x200x66 mm

Handheld weight 1,8 kg

#### PREP 2

Handheld (LxHxD) 418x210x147 mm

Handheld weight 2,8 kg

\* Curing area at a distance of 60 cm

#### STAND

(HxW) 1940x622 mm

Weight 11.5 kg



## PREP 3

### Unbeatable value

- Quick and intuitive control - integrated for easy access
- Efficient functionality: Flash-off/Full bake with time control
- Energy-use displayed after each cycle
- Smooth adjust up/down with a simple hand motion
- Self-locking
- Wide reach, both low and high (1.85 m)
- Great coverage\*: Curing area: 1.0 x 1.1 m
- 3 lamps 1000 W/lamp
- Stable and tip-resistant mobile stand
- Powerful ventilation increases lamp life
- Efficient IRT FreeForm 24K gold reflector



#### PREP 3

| Part no. | Current | Output power | Fuse    | Voltage                      | Frequency |
|----------|---------|--------------|---------|------------------------------|-----------|
| 801030   | 13 A    | 3 kW         | 16 A    | 230V, 1 PH, EU               | 50-60 Hz  |
| 801031   | 13 A    | 3 kW         | 13 A    | 230V, 1 PH, UK (UK plug)     | 50-60 Hz  |
| 801032   | 13 A    | 3 kW         | 16 A    | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz  |
| 801033   | 13 A    | 3 kW         | 20 A    | 200V, 1PH JP                 | 50-60 Hz  |
| 801034   | 13 A    | 3 kW         | 15/20 A | 230V, 1PH, NA ETL            | 50-60 Hz  |

|                         |         |
|-------------------------|---------|
| Cassette range (height) | 1842 mm |
| Width                   | 776 mm  |
| Weight                  | 30 kg   |

\* Curing area at a distance of 60 cm, on black sheet metal

## PREP 4

### Everday reliability

- Quick and intuitive control
- Efficient functionality: Flash-off/Full bake with time control
- Energy-use displayed after each cycle
- Wide reach, both low and high (max 2.2 m)
- Great coverage\*: Curing area: 1.0 x 1.1 m
- 3 lamps 1000 W/lamp
- Low slim base
- Finger-light arm design
- Parks with small foot-print, cassettes between the legs
- Powerful ventilation increases lamp life
- Efficient IRT FreeForm 24K gold reflector



#### PREP 4

| Part no. | Current | Output power | Fuse    | Voltage                      | Frequency |
|----------|---------|--------------|---------|------------------------------|-----------|
| 801400   | 13 A    | 3 kW         | 16 A    | 230V, 1 PH, EU               | 50-60 Hz  |
| 801401   | 13 A    | 3 kW         | 13 A    | 230V, 1 PH, UK (UK plug)     | 50-60 Hz  |
| 801402   | 13 A    | 3 kW         | 16 A    | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz  |
| 801403   | 13 A    | 3 kW         | 20 A    | 200V, 1PH JP                 | 50-60 Hz  |
| 801404   | 13 A    | 3 kW         | 15/20 A | 230V, 1PH, NA ETL            | 50-60 Hz  |

|                         |         |
|-------------------------|---------|
| Cassette range (height) | 2180 mm |
| Width                   | 876 mm  |
| Weight                  | 50 kg   |

\* Curing area at a distance of 60 cm, on black sheet metal



## PREP X LDP

### Trusted by professionals

- With (L)aser (D)istance guide for easy positioning
- With (P)yrometer for correct temperature setting\*
- Energy-use displayed after each cycle
- Quick and intuitive control
- Efficient functionality: Flash-off/Full bake with time control
- Wide reach, both low and high (max 2.2 m)
- Great coverage\*\*: 1 cassette: 1.0 x 1.1 m - 2 cassettes: 2.0 x 1.1 m
- 3 lamps/cassette, 1000 W/lamp
- Low slim base
- Finger-light arm design
- Parks with small foot-print, cassettes between the legs
- Powerful ventilation increases lamp life
- Efficient IRT FreeForm 24K gold reflector



- 1) Set the target temperature and time.
- 2) Choose 1 or 2 cassettes (Prep X 3-2 LDP).
- 3) Merge the two laser dots on the curing surface - Cure!.

#### PREP X 3-1 LDP (1 CASSETTE)

| Part no. | Current | Output power | Fuse    | Voltage                      | Frequency |
|----------|---------|--------------|---------|------------------------------|-----------|
| 801405   | 13 A    | 3 kW         | 16 A    | 230V, 1 PH, EU               | 50-60 Hz  |
| 801406   | 13 A    | 3 kW         | 13 A    | 230V, 1 PH, UK (UK plug)     | 50-60 Hz  |
| 801407   | 13 A    | 3 kW         | 16 A    | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz  |
| 801408   | 13 A    | 3 kW         | 15/20 A | 200V, 1PHJP                  | 50-60 Hz  |
| 801409   | 13 A    | 3 kW         | 20 A    | 230V, 1PH, NA ETL            | 50-60 Hz  |

#### PREP X 3-2 LDP (2 CASSETTES)

| Part no. | Current | Output power | Fuse | Voltage                 | Frequency |
|----------|---------|--------------|------|-------------------------|-----------|
| 801420   | 9 A     | 6 kW         | 16 A | 400V, 3 PH, 4pin, EU    | 50-60 Hz  |
| 801421   | 9 A     | 6 kW         | 16 A | 400V, 3 PH, 5pin, EU/UK | 50-60 Hz  |
| 801423   | 9 A     | 6 kW         | 16 A | 400V, 3 PH, AUS         | 50-60 Hz  |
| 801425   | 26 A    | 6 kW         | 30 A | 230V, 1 PH, NA ETL      | 50-60 Hz  |

#### PREP X 3-1 LDP (1 CASSETTE)

|                         |         |
|-------------------------|---------|
| Cassette range (height) | 2180 mm |
| Width                   | 876 mm  |
| Weight                  | 50 kg   |

#### PREP X 3-2 LDP (2 CASSETTES)

|                         |         |
|-------------------------|---------|
| Cassette range (height) | 2200 mm |
| Width                   | 876 mm  |
| Weight                  | 58 kg   |



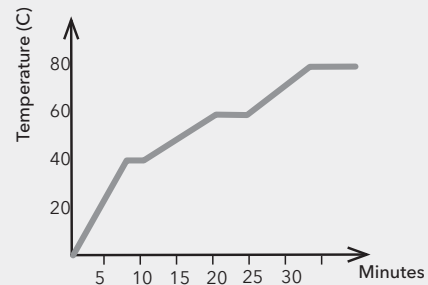
\* Can also be deactivated. \*\* On black surface at 60 cm distance.





### ADVANCED AUTOMATIC DISTANCE AND TEMPERATURE CONTROL:

Pyrometer temperature measurement with laser circle indicator and digital distance sensor. The surface temperature is continuously measured and the effective output regulated in a split second for optimal curing results. Also allows for 3-step drying cycles.



Example of a 3-step drying cycle, used for panel bonding and construction glues etc.



## IRT 4-1 & 4-2 PCAUTO

High output dryer, easy to use with advanced curing technology, up to 110°C/230°F

- Automatic temperature control and distance measuring
- 15 process programs (3 customizable)
- Laser circle indicates where temperature measuring takes place
- Electronic distance sensor signals correct distance to curing surface

| DIMENSIONS                       | IRT 4-1     | IRT 4-2     |
|----------------------------------|-------------|-------------|
| Stand height                     | 1450 mm     | 1450 mm     |
| Cassette vertical range (height) | 80-2500 mm  | 80-2500 mm  |
| Width                            | 1230 mm     | 1230 mm     |
| Weight                           | 53 kg       | 62 kg       |
| Curing area*                     | 1,1 x 1,5 m | 2,2 x 1,5 m |

\* Curing area at a distance of 60 cm, on black sheet metal

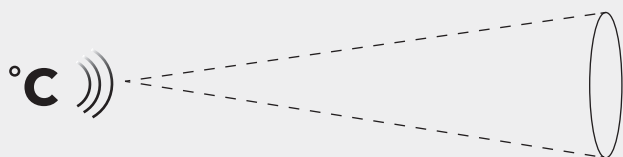


### IRT 4-1 PCAUTO

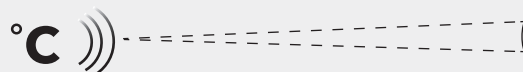
| Part no. | Current | Output power | Fuse | Voltage                   | Frequency |
|----------|---------|--------------|------|---------------------------|-----------|
| 800423   | 9 A     | 6 kW         | 10 A | 400V, 3 PH, 4-pin, EU     | 50-60 Hz  |
| 800425   | 9 A     | 6 kW         | 10 A | 400V, 3 PH, 5-pin, EU     | 50-60 Hz  |
| 800421   | 15 A    | 6 kW         | 16 A | 230V, 3 PH, EU            | 50-60 Hz  |
| 800426   | 9 A     | 6 kW         | 10 A | 400V, 3 PH, AUS           | 50-60 Hz  |
| 800485   | 15 A    | 6 kW         | 16 A | 200V, 3 PH, 4P, JP        | 50-60 Hz  |
| 800422   | 26 A    | 6 kW         | 30 A | 230V, 1 PH, NA ETL        | 50-60 Hz  |
| 800468   | 15 A    | 6 kW         | 16 A | 230V, 3 PH, NA ETL        | 50-60 Hz  |
| 800427   | 9 A     | 6 kW         | 10 A | 400V, 3 PH, AUS           | 50-60 Hz  |
| 800613   | 13 A    | 6 kW         | 20 A | 440-480V, 2PH, 3P, NA ETL | 50-60 Hz  |

### IRT 4-2 PCAUTO

| Part no. | Current | Output power | Fuse | Voltage                | Frequency |
|----------|---------|--------------|------|------------------------|-----------|
| 800418   | 16 A    | 12 kW        | 16 A | 400V, 3 PH, 4-pin, EU  | 50-60 Hz  |
| 800400   | 16 A    | 12 kW        | 16 A | 400V, 3 PH, 5-pin, EU  | 50-60 Hz  |
| 800413   | 30 A    | 12 kW        | 32 A | 230V, 3 PH, EU         | 50-60 Hz  |
| 800415   | 30 A    | 12 kW        | 32 A | 200V, 3 PH, 4P, JP     | 50-60 Hz  |
| 800417   | 16 A    | 12 kW        | 16 A | 400V, 3 PH, AUS        | 50-60 Hz  |
| 800411   | 48 A    | 12 kW        | 50 A | 230V, 1 PH, NA ETL     | 50-60 Hz  |
| 800414   | 30 A    | 12 kW        | 30 A | 230V, 3 PH, NA ETL     | 50-60 Hz  |
| 800419   | 16 A    | 12 kW        | 20 A | 440-480V, 3 PH, NA ETL | 50-60 Hz  |
| 800614   | 26 A    | 12 kW        | 30 A | 440-480V, 2 PH, NA ETL | 50-60 Hz  |

**PCAUTO:**

Place 60 cm from curing surface.  
Laser circle sample area is Ø 30 cm (pyrometer ratio 1:2).  
The pyrometer determines an average temperature reading in this area.

**DTP:**

Place 40-60 cm from curing surface.  
Laser circle sample area is Ø 3-4 cm (pyrometer ratio 1:15).  
The pyrometer determines an average temperature reading in this area.

**DTP - IRT HIGH TEMPERATURE DRYERS**

For spot repair and curing of paint material up to 200°C/390°F

- Automatic temperature control and distance measuring
- 15 process programs (customizable)
- Cures typical spot repair, A-B-C pillars and thicker steel materials

**IRT 424 DTP 4-1****IRT 464 DTP 4-2****IRT HIGH TEMP DRYERS**

| Cassette                | Drying surface (LxH) | No. of cassettes | No. of lamps | Power |
|-------------------------|----------------------|------------------|--------------|-------|
| IRT 4 HI-BAKE           | 300x300 mm           | 1                | 3            | 3 kW  |
| IRT 424 DTP 4-1         | 400x300 mm           | 1                | 2            | 4 kW  |
| IRT 424 DTP 4-2         | 1000x300 mm          | 2                | 4            | 8 kW  |
| IRT 425 DTP 4-1         | 500x300 mm           | 1                | 2            | 4 kW  |
| IRT 425 DTP 4-2         | 1200x300 mm          | 2                | 4            | 8 kW  |
| IRT 428 DTP 4-1         | 800x300 mm           | 1                | 2            | 6 kW  |
| IRT 428 DTP 4-2         | 1800x300 mm          | 2                | 4            | 12 kW |
| IRT 464 DTP 4-1 (6 kW)  | 600x600 mm           | 1                | 6            | 6 kW  |
| IRT 464 DTP 4-1 (10 kW) | 600x600 mm           | 1                | 6            | 10 kW |
| IRT 464 DTP 4-2 (12 kW) | 1200x600 mm          | 2                | 12           | 12 kW |
| IRT 464 DTP 4-2 (20 kW) | 1200x600 mm          | 2                | 12           | 20 kW |

Please contact your local retailer or IRT sales contact for assistance with a suitable IRT DTP dryer.

**IRT 4 HI-BAKE**

HiBake is a *MANUAL* alternative to the DTP model, with 50% flash-off, 100% fullbake.



## ULTRAVIOLET (UV-A) CURING

### UV-A dryers with outstanding curing performance

*All IRT UV-A models have an outstanding intensity to achieve the best curing result, even curing thick filler layers.*

IRT UV-A high efficiency pressure lamp mobiles are equipped with one or two 1000 W UV-A lamps which cure UV-A material in just a few minutes. The ozone-free lamps and protective glass filters out the UV-B and UV-C radiation. A safety switch prevents the lamps from igniting if the glass breaks. Our UV-A LED models are extremely efficient, curing UV-A primer and filler in seconds.

- Outstanding intensity
- High-quality and durable curing
- Developed with market leading paint manufacturers

#### UV-A LED

Battery- and cord operated models available in 365 nm and 395 nm. High-intensity, flexible and precise UV-A LED curing for specific wavelengths.

#### MOBILE MODELS, HID LAMPS

Mobile, long-life, low maintenance, high efficiency UV-A curing with large curing area.

#### SAFE UV-A CURING

Third party UV safety report (EN62471) for operator safety. UV-LED modules and low pressure bulbs are installed safely behind protective glass. Ozone-free low pressure bulb lamp design.

#### SAFETY FIRST

*Always use UV safety glasses when handling UV-A light. We supply a pair with each delivered unit.*



### IRT UVA 1-3

#### Curing with high efficiency UV-A lamps

- Curing on vertical surfaces
- One UV-A lamp with protective glass
- Curing time is regulated with an electronic timer

##### IRT UVA 1 PREPCURE 3

| Part no. | Power     | Fuse | Voltage                      | Frequency |
|----------|-----------|------|------------------------------|-----------|
| 800604   | 1 kW UV-A | 10 A | 230V, 1 PH, EU               | 50-60 Hz  |
| 800668   | 1 kW UV-A | 10 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz  |
| 800671   | 1 kW UV-A | 15 A | 230V, 1 PH, NA               | 50-60 Hz  |

##### DIMENSIONS

|                                  |             |
|----------------------------------|-------------|
| Stand height                     | 1531 mm     |
| Cassette vertical range (height) | 60-1310 mm  |
| Width                            | 694 mm      |
| Weight                           | 60 kg       |
| Curing area*                     | 1,0 x 1,0 m |

\* At a distance of 55 cm



### IRT UVA 1-4

#### High-quality, durable UV-A curing

- Flexible stand enabling curing of roofs on vehicles
- One UV-A lamp with protective glass
- Curing time is regulated with an electronic timer

##### DIMENSIONS

|                                  |             |
|----------------------------------|-------------|
| Stand height                     | 1448 mm     |
| Cassette vertical range (height) | 35-2200 mm  |
| Width                            | 1224 mm     |
| Weight                           | 65 kg       |
| Curing area*                     | 1,0 x 1,0 m |

\* At a distance of 55 cm

##### IRT UVA 1 PREPCURE 4

| Part no. | Power     | Fuse | Voltage                      | Frequency |
|----------|-----------|------|------------------------------|-----------|
| 800621   | 1 kW UV-A | 10 A | 230V, 1 PH, EU               | 50-60 Hz  |
| 800669   | 1 kW UV-A | 10 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz  |
| 800672   | 1 kW UV-A | 15 A | 230V, 1 PH, NA               | 50-60 Hz  |



### IRT UVA 2-4

#### Large curing area with two UV-A lamps

- Flexible stand enabling curing of roofs on vehicles
- Two UV-A lamps with protective glass
- Curing time is regulated with an electronic timer

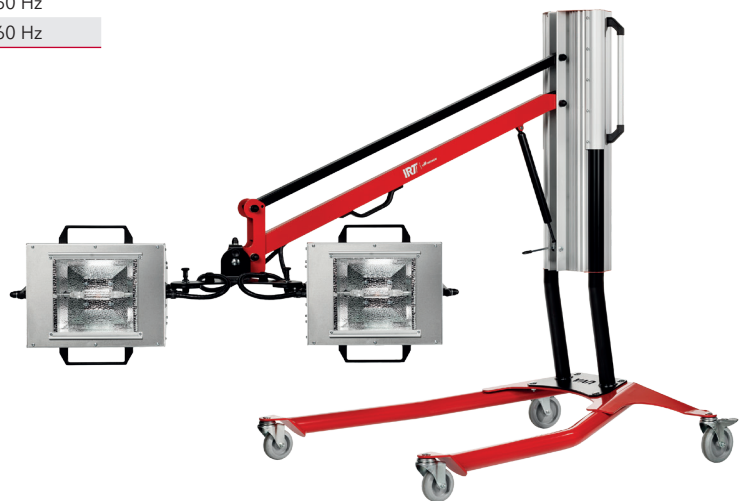
##### IRT UVA 2 PREPCURE 4

| Part no. | Power     | Fuse | Voltage        | Frequency |
|----------|-----------|------|----------------|-----------|
| 800622   | 2 kW UV-A | 10 A | 230V, 1 PH, EU | 50-60 Hz  |

##### DIMENSIONS

|                                  |             |
|----------------------------------|-------------|
| Stand height                     | 1448 mm     |
| Cassette vertical range (height) | 35-2200 mm  |
| Width                            | 1224 mm     |
| Weight                           | 81 kg       |
| Curing area*                     | 1,8 x 1,0 m |

\* At a distance of 55 cm



## IRT UV-A LED CURING

### WHY UV-A LED CURING?

UV-A curing with Light-Emitting Diodes (LED) generates, near-instant curing intensity, cold curing the painted surface without heating up the surrounding air.

Overall maintenance is reduced and the elimination of a warm-up cycle reduces technician down time.

### WHAT IS A PHOTO INITIATOR (PI)\*?

The energy in the UV-A light polymerizes and cures the UV-A material. The chemical reaction is triggered by a photo initiator and the speed of the process is determined by the energy or intensity of the UV-A light source and the wavelength.

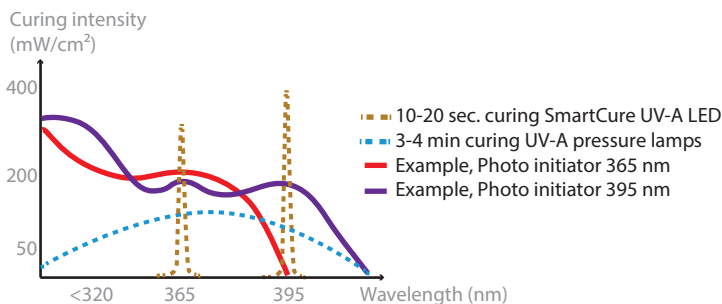
### WHY THIRD PARTY INSPECTION?

Third party testing confirms that a product exceeds quality, safety, sustainability and performance of applicable standards for a global product.

Two independent 3rd party inspectors (RISE and Intertek) review our products and our user instructions.

### BENIFITS OF INDUSTRY COOPERATION?

By working closely with major paint manufacturers, crucial user experience and expectancy are added to our product development.



\*Illustrating the correlation between PI wavelength, curing speed and UV-A light intensity.



SmartCure is available in wavelength alternatives 365/395 nm, based on paint manufacturer requests. It is prepared for future adaptations and can be retrofitted from 395 nm to 365 nm.

## 100% CURED

### Non-fluctuating curing cycle

*The key to high quality, reliable results is in maintaining a non-fluctuating intensity through the complete curing cycle.*

Therefore, measuring and comparing light intensity is tricky, showing only a moment of truth. Once the primer/filler surface is sealed, you need to rely on the inside being cured.

With IRT, a combination of curing know-how, high-end parts, sophisticated software and inhouse/third party/user tests will cure your material 100%, every time.

#### Know-how

55+ years of experience and long-term cooperation with paint manufacturers.

**= Reliable results.**

#### Testing

3rd party EC and North American ETL approval. Lightweight design in cooperation with 3rd party industrial designers.

**= Operational and ergonomic safety.**

#### Software\*

Easy access display with curing time and battery indicator. Advanced monitoring of all electronic parts. No overheating or fluctuation.

**= Operational genius.**

#### Hardware\*

Top of the line, made in Europe, batteries, charger and UV-LED module. Sophisticated cooling system.

**= No operator downtime.**

**100% CURED**

\*Example, SmartCure

#### IRT TESTING

We have tested UV-A fillers, primers and clear coats from every major paint manufacturer and offer solutions for all.

Flexible handheld/fixed cord solutions for the static work place. Battery operated lightweight handheld options for accessibility that eliminates downtime in the work shop.

Our UV-A LED options are available for 365 nm and 395 nm.

#### IRT UV-A

We have long experience in a leading position on the international curing and drying market.

Our UV-A range of products for body shops and manufacturing industries comes in all shapes, super light handheld tools and easy positioned heavy duty mobiles.

Also checkout IRT's range of UV-A pressure lamps combined with IRT infrared technique, available as mobiles and rail systems for a wider UV-A spectrum.





### SUPER LIGHT AND ERGONOMIC

- Tested to withstand high impact.
- Flame resistant plastic shell reinforced with 25% glass fiber and 3 mm scratch and solvent resistant tempered safety glass.
- Lightweight comfort and easy to use with a precise trigger switch.



WITH 2  
BATTERIES

## IRT UV SMARTCURE

### 200 W UV-A LED battery powered curing

*SmartCure comes with two exchangeable batteries and cures UV-A filler and primer in seconds, available for 365 nm/ 395 nm.*

IRT UV SmartCure has an extremely powerful output, offering market leading peak/average light intensity.

By combining a powerful UV-LED-module, advanced cooling technology and light weight batteries, reliable, highly effective, non-fluctuating UV-curing is achieved.

Advanced electronics minimizes the risk of machine damage by active ventilation and by monitoring the temperature of both electronics and LED-module. This provides safe operation with efficient steady state voltage LED-output and current control regulation.

- Available for 365 nm/ 395 nm
- Weighs just 1 kg, for excellent work comfort
- High intensity is constant until battery is at 0%

### ELIMINATE DOWNTIME

With two exchangeable 18V lithium-ion batteries and 45 minute charging time, IRT UV SmartCure is always available.

### RELIABLE CURING RESULTS

By working closely with leading paint manufacturers IRT enables reliable paint processes in all bodyshops.

### ULTIMATE CURING GUIDE

To obtain peak performance, work at appr 100 mm from surface. @ filler/primer thickness 80-120 µm, Ø 160 mm is cured in appr 10 sec. (Peak light intensity >350 mW/cm², average >250 mW/m²).



### DUST COVER

Optional protective dust cover with magnets, art no 715193.

### WALL BRACKET

Magnetic wall bracket, included as standard.



### UNIQUE BEAM SPREAD

24 pieces of domed LED's create a unique beam spread over the complete curing area.



### HARD CASE\* / CARDBOARD BOX\*

Optional heavy-duty case, art no 800806.

### LOW MAINTENANCE

Replaceable filter protects electronics inside, art nr 715074.



### DISPLAY GUIDES THE WAY

All fillers, primers and clear coats have different curing cycles.

**3 YEAR  
WARRANTY**

### DETAILS

|                                                  |                  |
|--------------------------------------------------|------------------|
| Battery type                                     | 18 V Lithium-ion |
| Weight, IRT UV SmartCure + 1 battery             | 1,16 kg          |
| Dimensions, IRT UV SmartCure + 1 battery (WxHxD) | 189x250x88 mm    |

### IRT UV SMARTCURE

| Part no.  | Article          | Current, SmartCure / Charger | Power | Voltage (Battery charger) | Risk Group EN 62471 | Frequency |
|-----------|------------------|------------------------------|-------|---------------------------|---------------------|-----------|
| 715070-X* | SmartCure 395 nm | 8A/2A                        | 200 W | 100-240 V                 | (RG-3)              | 50-60 Hz  |
| 715365-X* | SmartCure 365 nm | 8A/2A                        | 200 W | 100-240 V                 | (RG-3)              | 50-60 Hz  |

2 batteries, charger, magnetic wall bracket and UV Safety glasses included in delivery. Ambient temp max 40° C.

\* SmartCure 395 nm alternatives:

EU; in cardboard box 715070-1 / EU; in hard case 715070-2  
NA; in cardboard box 715070-3 / NA; in hard case 715070-4  
UK; in cardboard box 715070-5 / UK; in hard case 715070-6  
JP; in cardboard box 715070-7 / JP; in hard case 715070-8  
AUS; in cardboard box 715070-9 / AUS; in hard case 715070-10

\* SmartCure 365 nm alternatives:

EU; in cardboard box 715365-1 / EU; in hard case 715365-2  
NA; in cardboard box 715365-3 / NA; in hard case 715365-4  
UK; in cardboard box 715365-5 / UK; in hard case 715365-6  
JP; in cardboard box 715365-7 / JP; in hard case 715365-8  
AUS; in cardboard box 715365-9 / AUS; in hard case 715365-10





#### IRT UV SMARTCURE

- 1 Specially developed UVA-LED, optimized to fully and securely cure 395 nm coatings.
- 2 Superior LED-module, completely customized for IRT UV SmartCure. Completely sealed to avoid dust and dirt that could decrease light performance.
- 3 Safety glass, 3 mm scratch and solvent resistant tempered glass with glass fiber reinforced frame to prevent glass from breaking. Protects the UV-LED's.
- 4 Skived fin heat sink to get best possible heat management.
- 5 Ergonomic grip with precise trigger switch.
- 6 High performance 18V Lithium-ion rechargeable battery.
- 7 Display with timer, battery level and other useful functions.
- 8 Powerful fan to get maximum cooling.
- 9 Advanced electronics with amplifier and inductor for high-efficiency DC/DC converters which makes it possible to get a higher curing effect.
- 10 Flame resistant plastic shell reinforced with 25 % glass fiber to withstand high impact.
- 11 Temperature sensors to guarantee that neither the electronics or LED's can be overheated.



NEXT GENERATION UV LAMPS FROM IRT

## IRT UV SPOTCURE<sup>2</sup>

3 times stronger on spot and panel repairs

### POWERFUL DETAIL

- 132 high-power LED
- Individual optics on each LED
- Temperature regulated ventilation
- Reliable curing results, built to last

### POWER-UP

- More light intensity over a larger surface
- Cures Ø 30 cm (12") in 20 seconds
- Cures Ø 70 cm (27.5") in a minute
- Cures Ø 100 cm (39.4") in 2 minutes

### BETTER FOR YOU

- Multifunction timer display
- Press and go, saves your last settings
- Ergonomic grip
- Light-weight stand (optional)



## 3 TIMES MORE POWERFUL\*

Our bestselling UVLED range expands with power-packed SpotCure<sup>2</sup>.

An unbeatable combination of power and curing size.

Taking operational safety and user comfort to a new level.

\*SpotCure<sup>1</sup> light effect 50 W, SpotCure<sup>2</sup> light effect 150 W.



NEXT GENERATION UV LAMPS FROM IRT

## **IRT UV SPOTCURE<sup>2</sup>**

More light intensity over a larger area



### **POWERPACKED SPOTCURE<sup>2</sup>**

*Curing areas like never before, with the same reliable curing result. Perfectly balanced hand comfort for spot repair or panel repairs (with optional stand).*

---

Powerful, temperature regulated ventilation - built to last

---

Uniform light intensity

---

Advanced overheating protection

---

User comfort with grip ribs and membrane display

---

DIY exchangeable power cord

---

Filter replacement indicator

---

User preference memory function

---

Operational safety with third party certification

---

Multi-function timer display guides the way

---

Ergonomic design - for a healthier work environment

NEXT GENERATION UV LAMPS FROM IRT

## IRT UV SPOTCURE<sup>2</sup>

Hand- and stand operation



Comfortable with ergonomic design and grip ribs.  
Press and go, saves your last settings.

| TECHNICAL DATA IRT UV SPOTCURE <sup>2</sup> |                                         |
|---------------------------------------------|-----------------------------------------|
| Voltage                                     | 100- 240 V                              |
| Power                                       | 300-400 W                               |
| LED unit                                    | 132 pcs high power, individual optics   |
| Weight, SpotCure <sup>2</sup>               | 2 kg (4 lbs)                            |
| Weight, Stand for SpotCure <sup>2</sup>     | 11.5 kg (25 lbs)                        |
| Dimensions, SpotCure <sup>2</sup>           | 335 x 116 x 172 mm (13" x 4.5" x 7")    |
| Dimensions, Stand for SpotCure <sup>2</sup> | 622 x 605 x 1940 mm (24.5" x 24" x 76") |
| LED Wavelength                              | 395 nm UV-A                             |
| Risk Group EN 62473                         | 3                                       |
| PART NO.:                                   |                                         |
| IRT UV SpotCure <sup>2</sup>                | EU: 800900 / UK: 800901 / NA: 800902    |
| Stand for IRT UV SpotCure <sup>2</sup>      | 800907                                  |
| Hard case for SpotCure <sup>2</sup>         | 800906                                  |
| 5 pcs inlet filter+5 pcs outlet filter      | 715425                                  |
| Power cord, 1.8 m                           | EU: 715429 / UK: 715430 / NA: 715431    |
| UV safety glasses                           | 129070*                                 |

\*1 pair included in delivery





NEXT GENERATION UV LAMPS FROM IRT

## IRT UV SPOTCURE<sup>2</sup>

### CURING FACTS SPOTCURE<sup>2</sup>

132 high power LEDs, each with unique optics. Designed to create high and uniform LED light intensity over a large area.

Combined with powerful, temperature regulated ventilation and advanced overheating protection, SpotCure<sup>2</sup> offers market leading curing results from IRT, the curing company.

Product lifetime, operational safety and ergonomics are always top priority.

| 10 CM (4") DISTANCE          |                           |
|------------------------------|---------------------------|
| Curing area                  | Ø 30 cm (12")             |
| Light intensity average/peak | 90/120 mW/cm <sup>2</sup> |
| Curing time                  | 10-20 sec*                |
| 30 CM (12") DISTANCE         |                           |
| Curing area                  | Ø 70 cm (27.5")           |
| Light intensity average/peak | 14/19 mW/cm <sup>2</sup>  |
| Curing time                  | 1 minute*                 |
| 40 CM (18") DISTANCE         |                           |
| Curing area                  | >Ø 100 cm (39.5")         |
| Light intensity average/peak | <8 mW/cm <sup>2</sup>     |
| Curing time                  | <2 minutes*               |

\*Average curing times for a selection of UV Fillers available on the market. Details for specific UV activated materials are individual and can vary.



132 high power LEDs, each with unique optics.

|                     |                        |                     |                        |
|---------------------|------------------------|---------------------|------------------------|
| Closer to object    | >> Smaller curing area | >> Higher intensity | >> Shorter curing time |
| Further from object | >> Larger curing area  | >> Lower intensity  | >> Longer curing time  |



## COMBINATION OF IR AND UV-A CURING

Our best in class IR and UV-A dryers in one

*The IRT COMBI dryer is 2 in 1 - saving space in the workshop while allowing complete flexibility.*

The combination of short-wave infrared and UV-A radiation makes this mobile dryer unique. One cassette includes 4 IR lamps and 1 UV-A lamp.

The UV-A lamps have an outstanding intensity to achieve the best curing result. The infrared lamps are mounted in gold coated reflectors, reflecting up to 97 % of the short-wave radiation.

The IRT COMBI features 12 IR and 3 UV-A pre-programmed programs for water and solvent based paint material, from putty to clear coat. Available as flexible mobiles and easy-gliding rail dryers.

- High-quality and durable curing
- Space saving curing solution
- Short-wave IR drying and UV-A curing

### SAFE UV-A CURING

The ozone-free lamps and the protective glass filters out the UV-B and UV-C rays. If the glass breaks or is missing, the light has a safety switch preventing the lamp to ignite.

### FLEXIBILITY AND EFFICIENCY

Space saving infrared and UV-A drying techniques which can be run individually and in sequence.

### SAFETY FIRST

*Always use UV safety glasses when handling UV-A light. We supply a pair with each delivered unit.*



### IRT 4-1 IR-UVA

Mobile dryer with unique combination of IR and UV-A techniques

- One cassette with 4 IR lamps and 1 UV-A lamp
- Featured with 12 IR- and 3 UV-A pre-programmed programs
- Easy to position

#### DIMENSIONS

|                                  |             |
|----------------------------------|-------------|
| Stand height                     | 1450 mm     |
| Cassette vertical range (height) | 80-2240 mm  |
| Width                            | 1230 mm     |
| Weight                           | 70 kg       |
| Curing area                      |             |
| - IR*                            | 1,1 x 1,5 m |
| - UV-A**                         | 1,0 x 1,0 m |

\* Curing area at a distance of 60 cm, on black sheet metal  
\*\* At a distance of 55 cm

#### IRT COMBI 4-1 IR-UVA

| Part no. | Power                   | Fuse | Current             | Voltage           | Frequency |
|----------|-------------------------|------|---------------------|-------------------|-----------|
| 800605   | IR: 6 kW<br>UVA: 1,2 kW | 10 A | IR: 9 A<br>UVA: 3 A | 380-420V, 3 Ph/PE | 50-60 Hz  |



### IRT 4-2 IR-UVA

Mobile dryer with unique combination of IR and UV-A techniques

- Two cassettes, each cassette equipped with 4 IR lamps and 1 UV-A lamp
- Featured with 12 IR- and 3 UV-A pre-programmed programs
- Easy to position

#### DIMENSIONS

|                                  |             |
|----------------------------------|-------------|
| Stand height                     | 1450 mm     |
| Cassette vertical range (height) | 80-2240 mm  |
| Width                            | 1230 mm     |
| Weight                           | 85 kg       |
| Curing area                      |             |
| - IR*                            | 2,2 x 1,5 m |
| - UV-A**                         | 1,8 x 1,0 m |

\* Curing area at a distance of 60 cm, on black sheet metal  
\*\* At a distance of 55 cm

#### IRT COMBI 4-2 IR-UVA

| Part no. | Power                    | Fuse | Current              | Voltage           | Frequency |
|----------|--------------------------|------|----------------------|-------------------|-----------|
| 800606   | IR: 12 kW<br>UVA: 2,4 kW | 16 A | IR: 16 A<br>UVA: 6 A | 380-420V, 3 Ph/PE | 50-60 Hz  |





**IRT 4-10 IR-UVA****Rail dryer with IR and UV-A radiation**

- One cassette with 4 IR lamps and 1 UV-A lamp
- 12 IR- and 3 UV-A pre-programmed programs
- Unique combination of IR and UV-A curing

**DIMENSIONS**

|                                  |              |
|----------------------------------|--------------|
| Installation height              | 2250-3150 mm |
| Cassette vertical range (height) | 80-2240 mm   |
| Weight                           | 70 kg        |
| Curing area                      |              |
| - IR*                            | 1,1 x 1,5 m  |
| - UV-A**                         | 1,0 x 1,0 m  |

\* Curing area at a distance of 60 cm, on black sheet metal

\*\* At a distance of 55 cm

**IRT COMBI 4-10 IR-UVA**

| Part. no. | Power                   | Fuse      | Current             | Voltage           | Frequency |
|-----------|-------------------------|-----------|---------------------|-------------------|-----------|
| 800618    | IR: 6 kW<br>UVA: 1,2 kW | Max 100 A | IR: 9 A<br>UVA: 3 A | 380-420V, 3 Ph/PE | 50-60 Hz  |

**IRT 4-20 IR-UVA****Rail dryer with IR and UV-A radiation**

- Two cassettes, each cassette equipped with 4 IR lamps and 1 UV-A lamp
- 12 IR- and 3 UV-A pre-programmed programs
- Unique combination of IR and UV-A curing

**DIMENSIONS**

|                                  |              |
|----------------------------------|--------------|
| Installation height              | 2250-3150 mm |
| Cassette vertical range (height) | 80-2240 mm   |
| Weight                           | 85 kg        |
| Curing area                      |              |
| - IR*                            | 2,2 x 1,5 m  |
| - UV-A**                         | 1,8 x 1,0 m  |

\* Curing area at a distance of 60 cm, on black sheet metal

\*\* At a distance of 55 cm

**IRT COMBI 4-20 IR-UVA**

| Part no. | Power                    | Fuse      | Current              | Voltage           | Frequency |
|----------|--------------------------|-----------|----------------------|-------------------|-----------|
| 800619   | IR: 12 kW<br>UVA: 2,4 kW | Max 100 A | IR: 16 A<br>UVA: 6 A | 380-420V, 3 Ph/PE | 50-60 Hz  |

**WORKSHOP CUSTOMIZATION**

Please contact your local retailer or IRT sales contact for assistance with customization for your workshop.

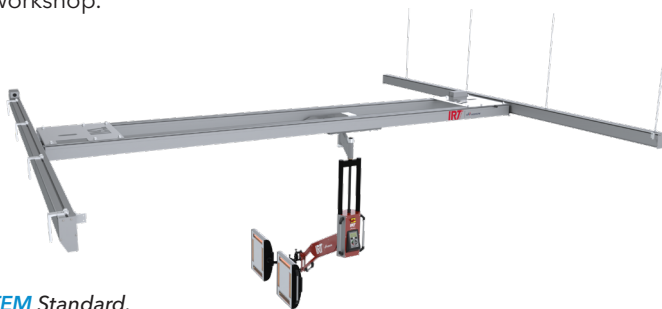
## IRT RAIL SYSTEMS

Tailor-made for prep area and spray booth

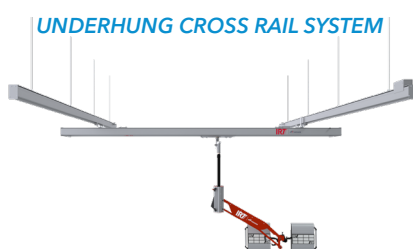
### Operational safety with integrated cables

The IRT Rail System can be equipped with any number of IRT dryers, all hanging on easy-glide, self-balanced cassette arms.

With the IRT Rail System you can quickly maneuver the dryer into the perfect curing position, reaching all parts of the vehicle, without obstructing loose cables. The IRT Rail System comes in a variety of shapes and sizes and is customizable to suit any type of workshop.



**SIDEHUNG  
CROSS RAIL SYSTEM** Standard.  
(Max length cross rail 7 m (22'11"))



**UNDERHUNG CROSS RAIL SYSTEM**



**WALL RAIL SYSTEM**

### OPERATIONAL SAFETY

High quality with closed rails and integrated cable system extends lifetime and creates a maintenance free environment.

### LOWBUILT TO SUIT WORKSHOPS

Long experience with rail system installation has resulted in this extremely lowbuilt construction.

### FOR PREP AREA & SPRAY BOOTH

Our standard sidehung cross rail system fits most workshops. Customized solutions are also available to fit all prep areas and paint booths.

## IRT RAIL DRYERS

Easy gliding and self-balancing dryers



### SAFE AND CLEAN

As the electric power supply is integrated in the rails, there are no loose cables dragging along the floor disrupting work and stirring up dust.



### IRT CONTROL SYSTEM

User-friendly advanced system, pre-programmed to monitor the curing process.



### DUST & SURVEILLANCE SYSTEM

Optional, use in enclosed spray booth or combined spray and dry booth. Security control of unit and protection of the cassettes.



### IRT 3-20

Adapted for prep station and spray booth

- Two cassettes - each cassette with 3 IR lamps
- Electronic distance sensor
- Computerized curing process



### IRT 3-20 PCD

| Part no. | Current | Output power | Fuse | Voltage                | Frequency |
|----------|---------|--------------|------|------------------------|-----------|
| 800477   | 15 A    | 6 kW         | 16 A | 200-230V, 3 PH, EU, JP | 50-60 Hz  |
| 800463   | 9 A     | 6 kW         | 16 A | 400V, 3 PH, EU         | 50-60 Hz  |

### DIMENSIONS

|                                  |              |
|----------------------------------|--------------|
| Installation height              | 2250-3150 mm |
| Cassette vertical range (height) | 140-2500 mm  |
| Weight                           | 60 kg        |
| Curing area*                     | 2,0 x 1,1 m  |

\* Curing area at a distance of 60 cm, on black sheet metal





## IRT 4-10

### User friendly advanced technology

- One cassette with 4 IR lamps
- Controls the temperature with a pyrometer and laser circle
- Computerized monitoring of curing
- Electronic distance sensor



#### IRT 4-10 PCAUTO

| Part no. | Current | Output power | Fuse | Voltage                | Frequency |
|----------|---------|--------------|------|------------------------|-----------|
| 800489   | 9 A     | 6 kW         | 10 A | 400V, 3 PH, EU         | 50-60 Hz  |
| 800525   | 15 A    | 6 kW         | 20 A | 200-230V, 3 PH, NA ETL | 50-60 Hz  |
| 800494   | 9 A     | 6 kW         | 15 A | 440-480V, 3 PH, NA ETL | 50-60 Hz  |

#### DIMENSIONS

|                                  |              |
|----------------------------------|--------------|
| Installation height              | 2250-3150 mm |
| Cassette vertical range (height) | 140-2500 mm  |
| Weight                           | 50 kg        |
| Curing area*                     | 1,1 x 1,5 m  |

\*)Curing area at a distance of 60 cm, on black sheet metal

## IRT 4-20

### User friendly advanced technology

- Two cassettes with 4 IR lamps
- Controls the temperature with a pyrometer and laser circle
- Computerized monitoring of curing
- Electronic distance sensor



#### IRT 4-20 PCAUTO

| Part no. | Current | Output power | Fuse | Voltage                | Frequency |
|----------|---------|--------------|------|------------------------|-----------|
| 800480   | 30 A    | 12 kW        | 32 A | 200-230V, 3 PH, EU, JP | 50-60 Hz  |
| 800498   | 30 A    | 12 kW        | 30 A | 200-230V, 3 PH, NA ETL | 50-60 Hz  |
| 800464   | 17 A    | 12 kW        | 20 A | 400V, 3 PH, EU         | 50-60 Hz  |
| 800479   | 17 A    | 12 kW        | 20 A | 440-480V, 3 PH, NA ETL | 50-60 Hz  |

#### DIMENSIONS

|                                  |              |
|----------------------------------|--------------|
| Installation height              | 2250-3150 mm |
| Cassette vertical range (height) | 140-2500 mm  |
| Weight                           | 60 kg        |
| Curing area*                     | 2,2 x 1,5 m  |

\* Curing area at a distance of 60 cm, on black sheet metal



## IRT FLEXICURE

### Shorter curing times in the prep area

*IRT FlexiCure moves over the chosen panel automatically, curing from the inside out, preventing solvent to be trapped inside the coating, ensuring fast and high quality curing.*

Accelerated curing in the prep area, both automatic and manual, static and dynamic. Simply choose the desired panels to be dried and start the curing process thereby contributing to a cost-effective and environmental friendly process.

- Flexible installation in prep area with IRT Rails
- Tiltable zone for adjusted effect
- Requires very little parking space

#### TIME SAVING IN THE PREP AREA

IRT FlexiCure is installed in a standard IRT Rail System and accelerates curing of water- and solventbased base and clear coats.

#### 4 CURING ZONES

Each zone is equipped with shortwave infrared lamps, gold coated reflectors and pyrometer. 3 IR lamps/zone with a total power of 38 kW.

#### COST EFFECTIVE PROCESS

IRT FlexiCure saves energy by only activating the necessary IR lamps using pyrometers and distance sensors.

#### WORKSHOP CUSTOMIZATION

Please contact your local retailer or IRT sales contact for assistance with customization for your workshop.

#### TECHNICAL DATA

| Rated voltage             | Nominal frequency | Full load current | Main disconnect fuse | Sound pressure level | Sound power level  | Curing temp. (curing surface) | Ambient temp. (during operation) | Weight FlexiCure excluding rails |
|---------------------------|-------------------|-------------------|----------------------|----------------------|--------------------|-------------------------------|----------------------------------|----------------------------------|
| 400-480 V<br>~3Ph/PE ± 5% | 50-60 Hz          | 55 A              | 65 A                 | ≤ 70 dB (A) at 1 m   | ≤ 70 dB (A) at 1 m | Max. 170°C                    | Max. 40°C                        | 150 kg                           |



## IRT POWERCURE

### Shorter curing times in the spray booth

*IRT PowerCure drastically shortens curing times for all paint materials with a minimum of energy used.*

IRT PowerCure turns your traditional booth into a rapid curing booth. The vehicle is ready to move forward in minutes. Selection of panels and paint type is done quickly and easily on the touch control panel. The vehicle and loose parts can be cured in the same drying cycle.

IRT PowerCure can be installed in new spray booths as well as be retrofitted in existing spray booths. Calculate 1,2 m for IRT PowerCure and another minimum 8 meters to pass over the vehicle and angle front/back.

- Easy to retrofit in spray booth (min 9,2 m)
- Reaches front/back of vehicle with angling wings
- Adapts to paint material, size and shape of vehicle
- A typical coating is cured in 10 minutes or less

#### WORKSHOP CUSTOMIZATION

Please contact your local retailer or IRT sales contact for assistance with customization for your workshop.

#### TECHNICAL DATA

| Frequency | Installed Power                                                      | Voltage         | Part no.                                                     |
|-----------|----------------------------------------------------------------------|-----------------|--------------------------------------------------------------|
| 50-60 Hz  | 54 kW / 63 A (20 lamps à 3 kW less 6 kW supply voltage compensation) | 400 V, 3Ph ~/PE | 800410* IRT PowerCure Single<br>800490* IRT PowerCure Double |

\*) Incl. Surveillance System

#### EVEN HEAT DISTRIBUTION

The front and back of the vehicle are easily cured with the wing angled towards the painted surface. The shape and positioning of the reflectors give an even heat distribution.

#### LESS ENERGY CONSUMPTION

IRT PowerCure detects the starting position and saves energy by only activating the necessary IR lamps. Simply choose the desired panels to be dried and start the curing process.

#### ENERGY CONSUMPTION

Typical energy consumption, clear coat on base coat, medium sized vehicle, medium colour shade:

|                   |        |          |
|-------------------|--------|----------|
| Front wing        | 6 min  | 0,95 kWh |
| Door              | 5 min  | 0,95 kWh |
| Front wing + door | 10 min | 1,6 kWh  |
| Hood              | 7 min  | 1,5 kWh  |
| Hood + 2 wings    | 9 min  | 2,8 kWh  |
| Complete car      | 26 min | 15,8 kWh |



ENERGY SAVING, ROBOTIC CURING FROM IRT

## IRT ICURE

Robotic, all inclusive dryer for booth and prep zone

### COMPACT ROBOTIC RAIL DRYER

- Retrofits to spray booths and prep zones with minor adjustments

### IR AND UV CURING

- Save time - ready to handle in minutes
- Reliable, precise curing results

### BETTER FOR THE ENVIRONMENT

- Low energy spend per vehicle
- No energy waste in between jobs

### BETTER FOR YOU

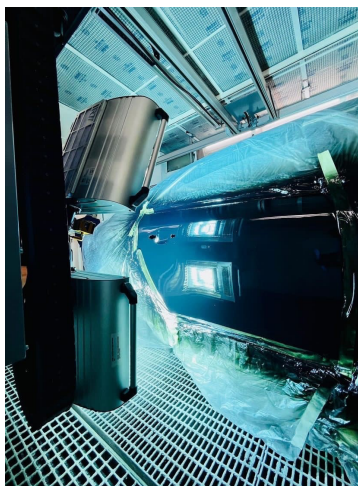
- Always comfortable booth temperature
- Pre-programmed - easy to operate
- Park in a corner, out of your way



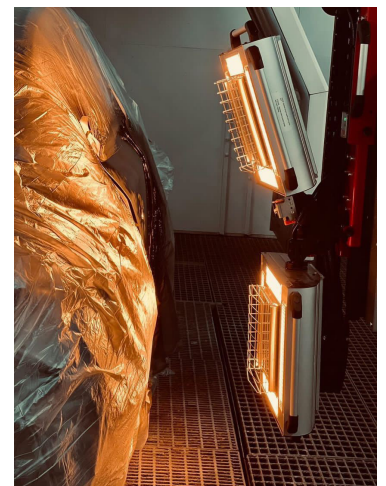
ROBOTIC TRAVEL



AUTOMATED CURING



ULTRAVIOLET (UV) CURING



INFRARED (IR) CURING



ENERGY SAVING, ROBOTIC CURING FROM IRT

## IRT ICURE

Robotic, all inclusive dryer for booth and prep zone

### DYNAMIC AND STATIC CURING

- All you need in one unit
- IR and UV curing
- Preprogrammed recipes for both

### TWICE AS POWERFUL

- New HID UV lamps
- 2000 W UV lamp in each cassette
- Cures all UV-activated materials on the market

### IRT INFRARED

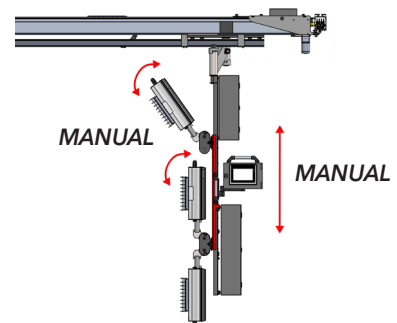
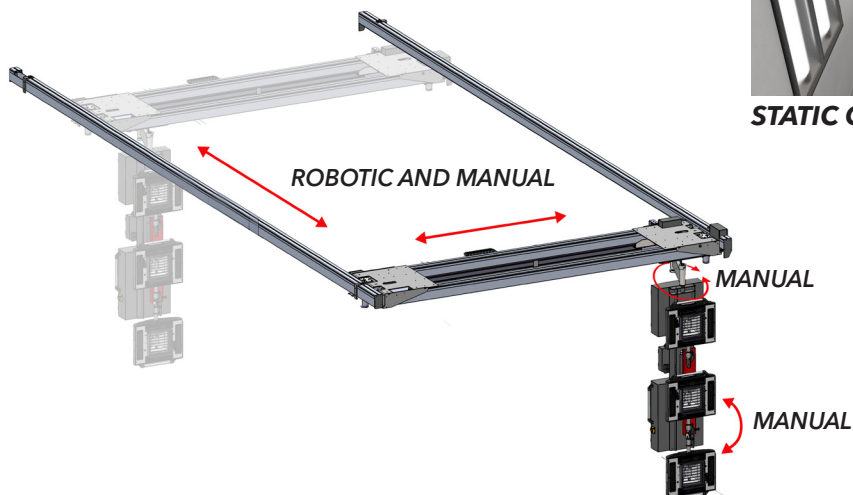
- Original IRT infrared
- Proven cassette concept



FLEXIBLE CASSETTE ADJUSTMENT



STATIC OPTION



#### ROBOTIC:

Robotic motion and automated curing on long side or short side

#### MANUAL:

Rotate and move ICure in the rail system

Rotate cassette position of the two bottom cassettes, 0-90°

Adjust ICure position up/down 0-480 mm

ENERGY SAVING, AUTOMATED DRYING FROM IRT

## IRT ICURE

All inclusive booth and prep zone dryer



| IRT ICURE    |                   |                        |                     |                      |                              |                                  |
|--------------|-------------------|------------------------|---------------------|----------------------|------------------------------|----------------------------------|
| Art.nr       | Nominal frequency | Rated Voltage          | Full load currenccy | Main disconnect fuse | Sound pressure / power level | Ambient temp. (during operation) |
| ICure 737413 | 50-60 Hz          | 400-480 V~3Ph/ PE ± 5% | 26 A                | 32 A                 | ≤ 70 dB (A) at 1 m           | Max. 40°C                        |

Robotic motion along the long / short side of the vehicle

Flexible and easy to move into all positions manually

Both dynamic and static drying available

2000 W HID UV-A lamps

Guarded UV safety glass, ozon-free

Plug and Play, preprogrammed recipes

IR lamps up to 20.000 hrs, life time counter for UV lamps

Gold coated reflectors determin high efficiency

Time saving and exact drying process



*\*It's not an arch,  
not a half-arch.  
It is a new, compact  
I-shaped robotic COMBI dryer.  
IR and UV curing."*

**THE IRT ICURE**





## IRT IR DRYERS

### Basic features

|                                                                                             | Prep 1 | Prep 2 | Prep 3 | Prep 4 | Prep X 3-1 LDP | Prep X 3-2 LDP | IRT 4-1 PcAuto | IRT 4-2 PcAuto |
|---------------------------------------------------------------------------------------------|--------|--------|--------|--------|----------------|----------------|----------------|----------------|
| Even heat distribution                                                                      | •      | •      | •      | •      | •              | •              | •              | •              |
| Short curing times                                                                          | •      | •      | •      | •      | •              | •              | •              | •              |
| Environmentally friendly, efficient use of energy                                           | •      | •      | •      | •      | •              | •              | •              | •              |
| 24 carat gold coated reflectors with 97% reflection                                         | •      | •      | •      | •      | •              | •              | •              | •              |
| Powerful ventilation provides the lamps with a service life of up to 20,000 operating hours | •      | •      | •      | •      | •              | •              | •              | •              |
| FreeForm reflectors for an unsurpassed drying surface                                       | •      | •      | •      | •      | •              | •              | •              | •              |
| Efficient particle filter that creates a dust-free environment in the cassettes             | •      | •      | •      | •      | •              | •              | •              | •              |
| Enclosed cassette cables                                                                    | •      | •      | •      | •      | •              | •              | •              | •              |
| The angle of the arm provides increased reach                                               | •      | •      | •      | •      | •              | •              | •              | •              |
| The stand is adapted also to dry high cars, e.g. SUVs                                       | •      | •      | •      | •      | •              | •              | •              | •              |
| The arm is self-locking in all positions                                                    | •      | •      | •      | •      | •              | •              | •              | •              |
| Distance guide                                                                              | •      | •      | •      | •      | •              | •              | •              | •              |
| Self-instructive programs                                                                   | •      | •      | •      | •      | •              | •              | •              | •              |
| Computerized curing process                                                                 | •      | •      | •      | •      | •              | •              | •              | •              |
| 12 program pre-sets - 3 custom programs                                                     | •      | •      | •      | •      | •              | •              | •              | •              |
| Programs for plastic/metal/water/solvent                                                    | •      | •      | •      | •      | •              | •              | •              | •              |
| 18 languages                                                                                | •      | •      | •      | •      | •              | •              | •              | •              |
| Pyrometer for exact temperature control                                                     | •      | •      | •      | •      | •              | •              | •              | •              |
| Clear display with graphics showing the exact progress of the curing process                | •      | •      | •      | •      | •              | •              | •              | •              |
| Computerized temperature monitoring of curing process                                       | •      | •      | •      | •      | •              | •              | •              | •              |
| Laser circle indicates where temperature measurement takes place                            | •      | •      | •      | •      | •              | •              | •              | •              |

## IRT UV-A DRYERS

### Basic features

|                                                                                             | UVA<br>1-3 | UVA<br>1-4 | UVA<br>2-4 | IR/<br>UVA<br>4-1 | IR/<br>UVA<br>4-2 | SpotCure <sup>2</sup> | SmartCure |
|---------------------------------------------------------------------------------------------|------------|------------|------------|-------------------|-------------------|-----------------------|-----------|
| Environmentally friendly, efficient use of energy                                           | •          | •          | •          | •                 | •                 | •                     | •         |
| Premium product with long lifetime >5 years                                                 | •          | •          | •          | •                 | •                 | •                     | •         |
| Powerful ventilation provides the lamps with a service life of up to 20.000 operating hours |            |            |            | • (IR)            | • (IR)            |                       |           |
| Low maintenance                                                                             | •          | •          | •          | •                 | •                 | •                     | •         |
| UV-LED                                                                                      |            |            |            |                   |                   | •                     | •         |
| Handheld unit                                                                               |            |            |            |                   |                   | +mobile               | •         |
| Battery operated                                                                            |            |            |            |                   |                   |                       | •         |
| UV-A wavelength 395 nm                                                                      |            |            |            |                   |                   | •                     | •         |
| UV-A wavelength 365 nm                                                                      |            |            |            |                   |                   |                       | •         |
| High efficiency UV-A pressure lamp                                                          | •          | •          | •          | •                 | •                 |                       |           |
| UV-A wavelengths 315-395 nm                                                                 | •          | •          | •          | •                 | •                 |                       |           |
| IR: Cures water/solvent based products                                                      |            |            |            | •                 | •                 |                       |           |
| IR: Programs for plastic/metal/water/solvent                                                |            |            |            | •                 | •                 |                       |           |
| IR: Computerized curing process                                                             |            |            |            | •                 | •                 |                       |           |

| Prep 1 & 2                      | Art. no. |
|---------------------------------|----------|
| IR Lamp 360, 1kW, 230V          | 715578   |
| IR Lamp 0.8kW 120V              | 715579   |
| Protection net for Prep 1       | 711333   |
| Protection net for Prep 2       | 713578   |
| Timer EU 230 V 1 PH , for stand | 801029   |

| Prep 3                                  | Art. no. |
|-----------------------------------------|----------|
| IR Lamp 360, 1kW, 230V                  | 102700   |
| Lamp holder LRU3 (M5x16) w. washer      | 712393   |
| Fan kit 12V DC Prep 3                   | 750829   |
| Filter cassette assembly w. nylon plugs | 713576   |
| Main switch                             | 413416   |
| Keyboard Prep 3                         | 715584   |
| Display 3.5"                            | 750797   |
| PCB (Printed Circuit Board) PrepCure    | 750793   |
| Solid state relay                       | 750524   |
| Spring assist kit                       | 715640   |
| Wheel 100mm                             | 410522   |
| Wheel 100mm with brake                  | 410044   |

| Prep 4, Prep X 3-1, 3-2 LDP                   | Art. no. |
|-----------------------------------------------|----------|
| IR Lamp 360, 1kW, 230V                        | 102700   |
| Lamp holder LRU3 (M5x16) w. washer            | 712393   |
| Fan Hyperion 12V, w. mesh and plug            | 714011   |
| Filter cassette assembly w. nylon plugs       | 713576   |
| Gas spring 1100 N - (one cassette)            | 715697   |
| Gas spring 1650 N (two cassettes)             | 715694   |
| Solid state relay 230V 1ph                    | 750524   |
| Solid sytate relay 400V 3ph                   | 750549   |
| Display 3.5"                                  | 750797   |
| Keyboard Prep 4                               | 715581   |
| Keyboard Prep X 3-1 / 3-2 LDP                 | 715583   |
| Pyrometer and Laser kit X 3-1 / 3-2 LDP       | 715639   |
| PCB (Printed Circuit Board) PrepCure 230V 1ph | 750793   |
| PCB (Printed Circuit Board) PrepCure 400V 3ph | 750795   |
| Wheel 100mm                                   | 410522   |
| Wheel 125mm with brake                        | 102258   |

| IRT 4-X PcAuto                             | Art. no. |
|--------------------------------------------|----------|
| IR Lamp 360, 1kW, 230V                     | 102700   |
| IR Lamp 360, 2kW, 230V                     | 102699   |
| Lamp holder LRU3 (M5x16) w. washer         | 712393   |
| Fan Hyperion 12V, w. mesh and plug         | 714011   |
| Filter cassette assembly w. nylon plugs    | 713576   |
| Gas spring 850 N (one cassette)            | 711464   |
| Gas spring 1400 N (two cassettes)          | 713614   |
| Solid state relay                          | 750227   |
| Wheel kit, h=134mm, w=32mm                 | 410523   |
| Transformer 230/400/480VAC/12VDC           | 750630   |
| Display 128x64 points w. lightning         | 750220   |
| Overlay/keyboard IRT 8 keys                | 750366   |
| Pyrometerkit 4-1 PcAuto                    | 713637   |
| Pyrometerkit 4-2 PcAuto                    | 713864   |
| PCB (Printed Circuit Board) IRT 4-1 PcAuto | 714014   |
| PCB (Printed Circuit Board) IRT 4-2 PcAuto | 714015   |

## SPARE PARTS

| IRT UVA SpotCure <sup>2</sup>          | Art. no.                               |
|----------------------------------------|----------------------------------------|
| UV/IR Protective glasses               | 129070                                 |
| Stand for IRT UV SpotCure <sup>2</sup> | 800907                                 |
| Hard case for SpotCure <sup>2</sup>    | 800906                                 |
| 5 pcs inlet filter+5 pcs outlet filter | 715425                                 |
| Power cord, 1.8 m                      | EU: 715429<br>UK: 715430<br>NA: 715431 |
| Gable outlet                           | 715427                                 |
| Gable inlet                            | 715426                                 |

| IRT UVA SpotCure <sup>1</sup>                    | Art. no. |
|--------------------------------------------------|----------|
| UV/IR Protective glasses                         | 129070   |
| Stand for SpotCure                               | 800805   |
| Timer for SpotCure stand<br>(not for 800802, NA) | 712821   |

| IRT UVA SmartCure           | Art. no. |
|-----------------------------|----------|
| UV/IR Protective glasses    | 129070   |
| Battery 18V Li-ion          | 715093   |
| Battery charger 18V         | 715094   |
| Filter                      | 715074   |
| Dust cover                  | 715193   |
| Hard case                   | 800806   |
| Cable for charger (EU plug) | 715154   |
| Wall bracket                | 715129   |

| IRT COMBI IR-UVA                        | Art. no. |
|-----------------------------------------|----------|
| UV/IR Protective glasses                | 129070   |
| UV lamp replacement kit 400V 1,2 kW     | 714842   |
| Lamp IR 2 kW 235V 360 U CPL             | 102699   |
| Lamp IR 1 kW 235V 360 U CPL             | 102700   |
| Filter cassette assembly w. nylon plugs | 713576   |

| IRT UVA X PrepCure X              | Art. no. |
|-----------------------------------|----------|
| UV/IR Protective glasses          | 129070   |
| Air filter                        | 712894   |
| UV lamp replacement kit 230V 1 kW | 714599   |





## DRESTER GUN CLEANERS - THE ORIGINAL

Outstanding cleaning performance since 1978.  
Durable and sustainable solutions.

- Certified and patented products with superior quality
- Swedish inventions satisfying customer needs
- 3 years warranty on diaphragm pumps
- ATEX approved
- Sustainable and durable solutions
- Offering the best working environment
- Manual or Automatic operation

### WATER-BORNE

These spray gun cleaners are suitable for water-borne cleaning and they all comply with all paint manufacturers systems regarding cleaning and waste handling.

### SOLVENT BASED

These spray gun cleaners are suitable for solvent based cleaning and they all fit the environment in which a spray gun cleaner operates.

### COMBINATION OF BOTH

These spray gun cleaners are suitable for both solvent-based and water borne cleaning



Manual



Automatic



Waterborne



Solvent



ANOTHER FIRST FROM DRESTER

## DRESTER ACE

Pioneering solvent- and waterbased spraygun cleaning



Drester Ace Quattro Combo

### **NEW AND UNIQUE CAPTURE@SOURCE**

- Ventilation that captures emissions close to the source
- User exposure and solvent loss are minimized

### **COMPACT AND ERGONOMIC**

- Comfortable work position and clear visibility

### **EASY TO USE - EASY TO CLEAN**

- All-stainless solvent washing compartments

### **QUICK AND RELIABLE**

- Patented universal spraygun holder



DRESTER  
Ace



## WELCOME TO SUSTAINABLE **ACE**

A better use of solvent is good for the environment and the paint shop. Optimized to be more ergonomic and work even more efficiently, for quick and safe spraygun cleaning.

### DRESTER PUMPS

Powerful diaphragm pumps for effective and reliable cleaning results.



### DRESTER SPRAYGUN HOLDER

Clip-on/clip off action.

The paint channel is opened and the spraygun is secured all at once.

The air channel is protected by an air purge hose.



**DRESTER PUMPS (ATEX CAT 1/ZONE 0, SOLVENT GROUPS IIA AND IIB)**

Our pump, the powerhouse behind all our systems, is focused on efficiency.

Unparalleled flow and pressure from our pumps ensure the best possible cleaning power.

The new advanced design of the wash compartment nozzle system is only possible, thanks to the robust pump, resulting in more effective wash cycles.

With a track record of success spanning over 30 years, almost 200.000 Drester pumps were supplied.

**DRESTER PATENTED SPRAYGUN HOLDER**

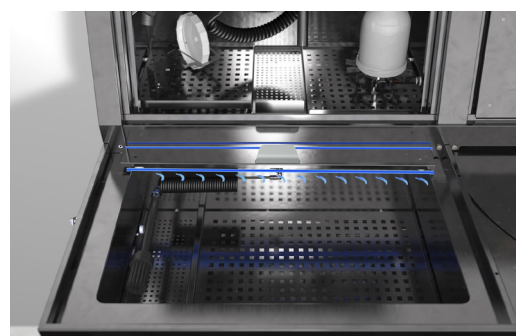
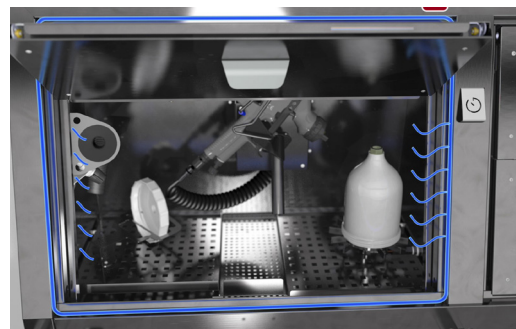
Our patented universal spraygun holder opens the paint channel and fixes the spraygun in seconds, with the air channel protected by an air purge hose.

Always excellent cleaning results and fits all spraygun brands immediately.

**DRESTER CAPTURE@SOURCE VENTILATION**

Drester Capture@Source ventilation provides superior working conditions. High speed extraction of the vapours at the source means that the user does not get exposed, and solvent loss is minimized.

Capture@Source uses discreet and out of the way vents to intercept the vapors.

**DRESTER CAPTURE@SOURCE VENTILATION**

For superior working conditions. Reduces user exposure and solvent loss.

These images demonstrates the effectivity of the discreet, high-speed Capture@Source vents.



### SAVE MONEY

Use less and waste less solvent

### MINIMIZE EXPOSURE

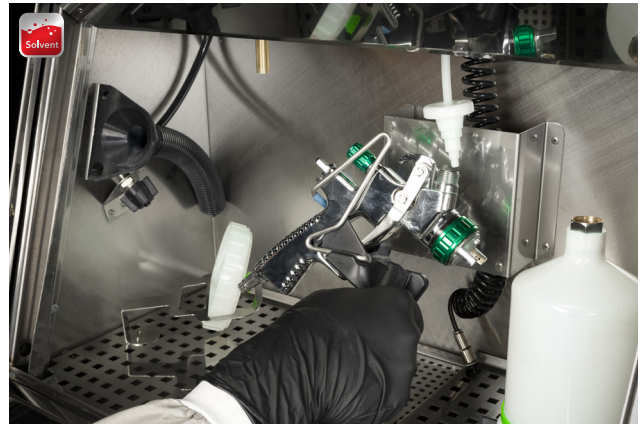
Improve health & safety in the shop

### SAFE AND RELIABLE

ATEX category 2 / zone 1



All washing areas have easily removable working platforms. A breeze to clean with smooth welded edges inside.



Custom nozzle configurations and spray patterns deliver superior cleaning results. Removable and easy-to-clean components. Spray nozzle with fresh solvent for rinsing.



Flow-through brush and rinse gun with recycled waterborne solution. (Tap water optional.) The filtration process separates and dries paint residues to simplify waste handling.



Front cover slides up and rests in service position to allow easy access to solvent/water drums.

High speed extraction of vapours from source

[New advanced auto-wash nozzle design](#)

All-stainless solvent wash areas, easy to keep clean

[Reduce solvent usage and waste removal costs](#)

Save energy - minimized ventilation with higher air speed



**CAPTURE@SOURCE IN ALL MODELS**

- Models with 2-4 washing stations, for solvent, water or both combined.
- Auto-wash in the top compartment and manual wash in the lower area.
- Maximize your washing power, use both at the same time!



**ACE QUATTRO**



**ACE TRIPLE**



**ACE DOUBLE**

| ART. NO. / NAME             | (C) COMBO*<br>(S) SOLVENT<br>(A) AQUA** | WASHING STATIONS | WEIGHT          | WIDTH            | HEIGHT           | MAX DEPTH       | DEPTH AT FLOOR  |
|-----------------------------|-----------------------------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|
| DG4C / Ace Quattro <b>C</b> | COMBO                                   | 4                | 100 kg (220 lb) | 1190 mm (46.85") | 1488 mm (58.58") | 675 mm (26.57") | 621 mm (24.45") |
| DG4S / Ace Quattro <b>S</b> | SOLVENT                                 | 4                |                 |                  |                  |                 |                 |
| DG3C / Ace Triple <b>C</b>  | COMBO                                   | 3                | 90 kg (140 lb)  |                  |                  |                 |                 |
| DG2C / Ace Double <b>C</b>  | COMBO                                   | 2                | 80 kg (176 lb)  | 840 mm (33.07")  |                  |                 |                 |
| DG2S / Ace Double <b>S</b>  | SOLVENT                                 | 2                |                 |                  |                  |                 |                 |
| DG2A / Ace Double <b>A</b>  | AQUA                                    | 2                |                 |                  |                  |                 |                 |

\*COMBO= SOLVENT AND WATERBORNE SOLUTION

\*\*AQUA= WATERBORNE SOLUTION

| ALL MODELS:                                                                      |
|----------------------------------------------------------------------------------|
| Compressed air required: 7-12 bar (110-180 psi)                                  |
| Ventilation built-in: 360m <sup>3</sup> /h (45/4C) (212 cfm) with 10 m extension |
| Designed for 60 up to litre drums (15.8 US Gal.) (2C: 25 litre / 6.6 US Gal.)    |
| Extractor diameter: 100 mm (4")                                                  |
| Pump certification: ATEX cat 1/zone 0, for solvent groups IIA and IIB            |
| Warranty: 3 years                                                                |
| ATEX Category: cat 2 / zone 1                                                    |
| Stainless steel version available: Yes Art. No. Dlx                              |

## Ace features

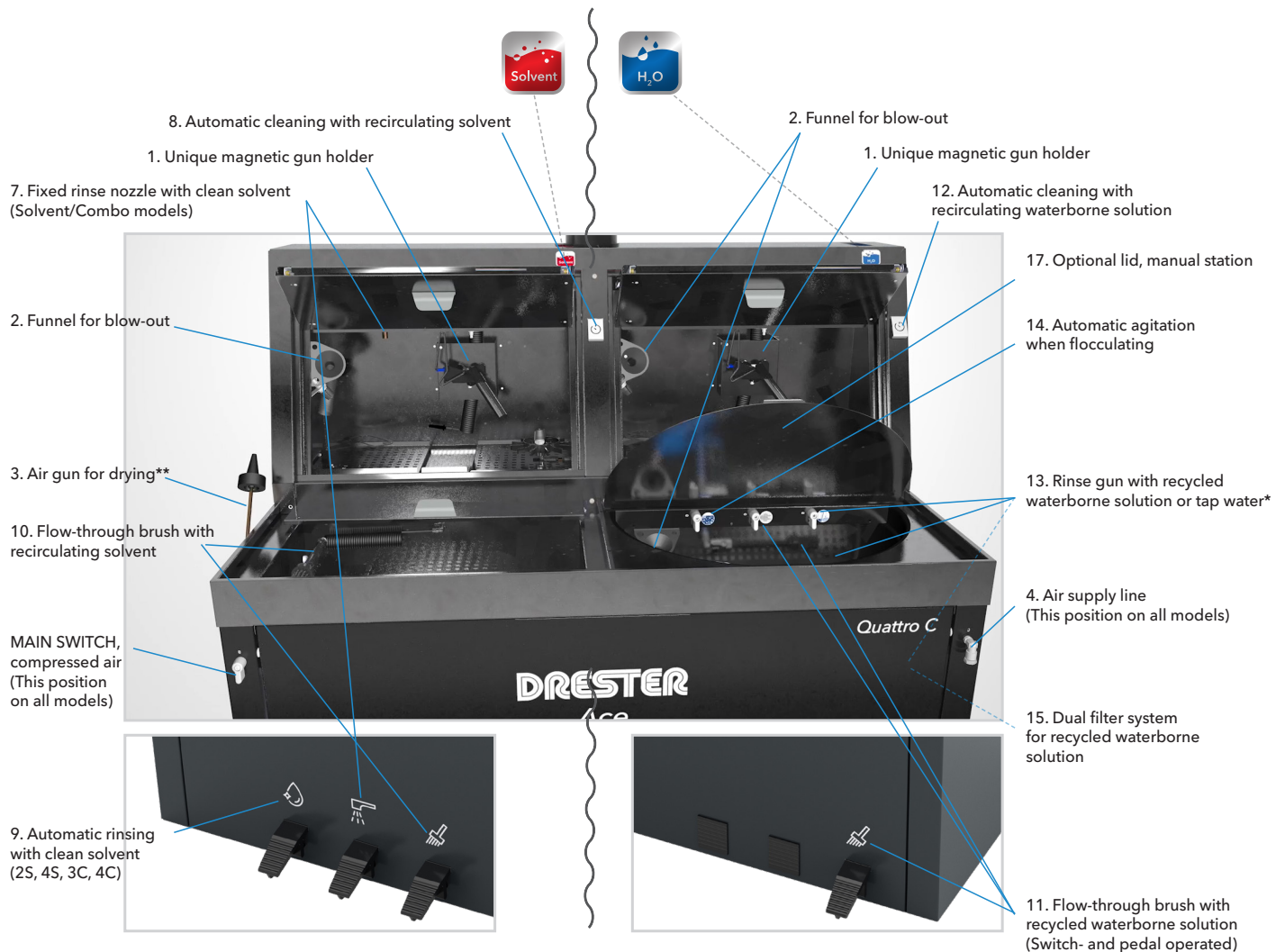
|                                                                      | <br><br>ACE DOUBLE C<br>DG2C | <br><br>ACE DOUBLE S<br>DG2S | <br><br>ACE DOUBLE A<br>DG2A | <br><br>ACE TRIPLE C<br>DG3C | <br><br><br><br>ACE QUATTRO S<br>DG4S | <br><br><br><br>ACE QUATTRO C<br>DG4C |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Unique magnetic gun holder, patent approved                       | •                                                                                                                                                                                              | •                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 2. Funnel for blow-out                                               | •                                                                                                                                                                                              | •                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 3. Air gun for drying                                                | •                                                                                                                                                                                              | •                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 4. Air supply line                                                   | •                                                                                                                                                                                              | •                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 5. Pneumatic extractor                                               | •                                                                                                                                                                                              | •                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 6. Can be connected to Drester Recycler through a Docking unit (RDX) | •                                                                                                                                                                                              | •                                                                                                                                                                                                | -                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 7. Fixed rinse nozzle with clean solvent                             | •                                                                                                                                                                                              | •                                                                                                                                                                                                | -                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 8. Automatic cleaning with recirculating solvent                     | •                                                                                                                                                                                              | •                                                                                                                                                                                                | -                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 9. Automatic rinsing with clean solvent                              | -                                                                                                                                                                                              | •                                                                                                                                                                                                | -                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 10. Flow-through brush with recirculating solvent                    | -                                                                                                                                                                                              | •                                                                                                                                                                                                | -                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 11. Flow-through brush with recycled waterborne solution             | •                                                                                                                                                                                              | -                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 12. Automatic cleaning with recirculating waterborne solution        | -                                                                                                                                                                                              | -                                                                                                                                                                                                | •                                                                                                                                                                                                  | -                                                                                                                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 13. Rinse gun with recycled waterborne solution or tap water*        | Tap water optional*                                                                                                                                                                            | -                                                                                                                                                                                                | Tap water optional*                                                                                                                                                                                | Tap water optional*                                                                                                                                                                                | -                                                                                                                                                                                                                                                                                                                                                                                 | Tap water optional*                                                                                                                                                                                                                                                                                                                                                               |
| 14. Automatic agitation when flocculating                            | •                                                                                                                                                                                              | -                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 15. Dual filter system for recycled water                            | •                                                                                                                                                                                              | -                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 16. Time extension kit - Universal solvent system                    | •                                                                                                                                                                                              | •                                                                                                                                                                                                | •                                                                                                                                                                                                  | •                                                                                                                                                                                                  | •                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                 |
| 17. Lid manual water station                                         | Optional                                                                                                                                                                                       |                                                                                                                                                                                                  |                                                                                                                                                                                                    |                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                   |

\* Optional watervale kit for tap water connection including automatic evacuation of filtrate container. Pre-installed: add „T“ to item number, e.g. DG2C-T.





## Details of model Ace COMBO:



\* Optional watervalue kit for tap water connection including automatic evacuation of filtrate container. Pre-installed: add „T“ to item number, e.g. DG2C-T.

\*\* (3) Airgun with magnetic attachment can be placed on either side of Ace spraygun cleaner.





## DRESTER CLASSICS

**Compact and user-friendly spray gun cleaners with outstanding cleaning performance**

The Drester Classics by Hedson have been on the market for decades, which says a lot about their performance and value for the money. They are still very high in demand and remain a reliable choice. It has been dominating the water-borne cleaning market, and with its robustness and user-friendliness it still has no equivalent. The automatic Classics, for solvent, takes gravity-fed guns as well as old-style suction-fed guns.

**3 YEARS WARRANTY ON PUMPS**

**ROUND SINK WITH NO WELDING SEAMS FOR EASY MAINTENANCE**

**MANUAL AND/OR AUTOMATIC CLEANING**

**WASHES ALL TYPES OF GUNS - SUCTION OR GRAVITY FED GUNS**

### DRESTER CLASSIC 1000

**Manual spray gun cleaner with brush and high pressure rinse gun**

- Prepared for different set-ups depending on paint brand
- Foot operated for hands-free operation
- Built-in waste recycling system



#### DIMENSIONS

|          |                |
|----------|----------------|
| Height   | 1220 mm (48")  |
| Diameter | Ø 590 mm (23") |
| Weight   | 24 kg          |



#### DRESTER 1000

| Compressed air needed                      | Flow through brush | Liquid volume of machine | Part.no. |
|--------------------------------------------|--------------------|--------------------------|----------|
| 5-12 bar (80-180 psi)<br>100 l/min (4 cfm) | 1,5-2 l/min        | 35 l / 10 gallons        | 1000     |

### DRESTER CLASSIC 1050

**Manual spray gun cleaner with re-circulating water**

- Pre-wash brush and a rinse gun fed with recycled water
- Manual cleaning with brush and high pressure rinse gun
- Quick connect whip line for blowing out the spray gun paint channel



#### DIMENSIONS

|          |                |
|----------|----------------|
| Height   | 1050 mm (41")  |
| Diameter | Ø 590 mm (23") |
| Weight   | 21 kg          |

#### DRESTER 1050

| Compressed air needed                      | Flow through brush | Liquid volume of machine | Part.no. |
|--------------------------------------------|--------------------|--------------------------|----------|
| 5-12 bar (80-180 psi)<br>100 l/min (4 cfm) | 1,5-2 l/min        | 35 l / 10 gallons        | 1050     |





## DRESTER CLASSIC 2600

### Efficient and solvent saving manual clean rinse

- Manual cleaning with flow-through brush
- Foot operated for hands-free operation
- Manual clean rinse with venturi nozzle



#### DIMENSIONS

|          |                |
|----------|----------------|
| Height   | 990 mm (39")   |
| Diameter | Ø 563 mm (22") |
| Weight   | 30 kg (66 lb)  |

#### DRESTER CLASSIC 2600

| Compressed air needed                      | Ventilation capacity required                                            | Extractor diameter | Part.no.                                   |
|--------------------------------------------|--------------------------------------------------------------------------|--------------------|--------------------------------------------|
| 5-12 bar (80-180 psi)<br>250 l/min (9 cfm) | 140 m³/h / 82 cfm (15 m extension)<br>180 m³/h / 106 cfm (5 m extension) | 125 mm (5")        | 2600 (Blue)<br>2600-INOX (Stainless steel) |



## DRESTER CLASSIC 3600

### Automatic spray gun cleaner with manual clean rinse

- Automatic cleaning with re-circulating solvent
- Manual rinse with clean solvent
- Equipped with air pressure regulator and water trap for durability



#### DIMENSIONS

|          |                |
|----------|----------------|
| Height   | 990 mm (39")   |
| Diameter | Ø 563 mm (22") |
| Weight   | 30 kg (66 lb)  |

#### DRESTER 3600

| Compressed air needed                       | Ventilation capacity required                                            | Extractor diameter | Part.no.                                   |
|---------------------------------------------|--------------------------------------------------------------------------|--------------------|--------------------------------------------|
| 7-12 bar (110-180 psi)<br>250 l/min (9 cfm) | 140 m³/h / 82 cfm (15 m extension)<br>180 m³/h / 106 cfm (5 m extension) | 125 mm (5")        | 3600 (Blue)<br>3600-INOX (Stainless steel) |



## DRESTER CLASSIC 8000

### Automatic spray gun cleaner with automatic and manual clean rinse

- Can be used with conventional or water-based paints
- Automatic cleaning with re-circulating solvent
- Automatic or manual rinse with clean solvent



#### DIMENSIONS

|          |                |
|----------|----------------|
| Height   | 990 mm (39")   |
| Diameter | Ø 563 mm (22") |
| Weight   | 33 kg (73 lb)  |

#### DRESTER 8000

| Compressed air needed                       | Ventilation capacity required                                            | Extractor diameter | Part.no.                                     |
|---------------------------------------------|--------------------------------------------------------------------------|--------------------|----------------------------------------------|
| 7-12 bar (110-180 psi)<br>250 l/min (9 cfm) | 140 m³/h / 82 cfm (15 m extension)<br>180 m³/h / 106 cfm (5 m extension) | 125 mm (5")        | 8000-A<br>8000-B (with collecting tray base) |





## DRESTER QUICKRINSE

### Efficient and user friendly pneumatic rinsing spray gun cleaner for use with disposable cup systems

*The Drester QuickRinse by Hedson has been developed to provide quick, thorough spray gun cleaning for water or solvent paints, especially for use with disposable cup system.*

Installation is simple and easy, either with the use of magnets for attachment to the booth or mixing room walls or more permanently with zip screws. Save time by keeping the spray gun cleaner close to the paint job.

- For all disposable cup system
- Perfectly clean spray gun in 10 seconds gives time and cost savings
- High-pressure cleaning for safe colour changes

#### DRESTER QR-10

##### Manual spray gun cleaner for water-borne paints

- Can be placed inside the spray booth
- Equipped with a diaphragm pump
- Automatic rinsing with clean solvent or water



##### DIMENSIONS

|        |                 |
|--------|-----------------|
| Height | 645 mm (25.5")  |
| Width  | 535 mm (21.0")  |
| Depth  | 263 mm (10.5")  |
| Weight | 12,5 kg (27 lb) |

##### DRESTER QR-10

| Compressed air needed                      | Pump capacity | Permitted solvents            | Liquid volume of machine | Part.no. |
|--------------------------------------------|---------------|-------------------------------|--------------------------|----------|
| 5-12 bar (80-180 psi)<br>100 l/min (4 cfm) | 2 l/min       | Water or water-borne solvents | 5+5 litre                | QR-10    |



#### DRESTER QR-20

##### Manual spray gun cleaner for solvent based paints

- Also designed for cleaning with water, or water-based solvents
- Easy installation anywhere in the workshop



##### DIMENSIONS

|        |                |
|--------|----------------|
| Height | 461 mm (18.1") |
| Width  | 306 mm (12.1") |
| Depth  | 273 mm (10.8") |
| Weight | 6 kg (13.2 lb) |

##### DRESTER QR-20

| Compressed air needed                      | Pump capacity | Permitted solvents           | Liquid volume of machine                                   | Part.no. |
|--------------------------------------------|---------------|------------------------------|------------------------------------------------------------|----------|
| 5-12 bar (80-180 psi)<br>100 l/min (4 cfm) | 2 l/min       | Solvent and solvent mixtures | Amount of wash fluid depending on chosen size of container | QR-20    |



#### DRESTER QR-TT

##### Manual spray gun cleaner for both water-borne and solvent based paints

- Can be placed inside the spray booth if water-borne solvents are used
- Easy installation anywhere in the workshop



##### DIMENSIONS

|        |                |
|--------|----------------|
| Height | 667 mm (26.3") |
| Width  | 565 mm (22.2") |
| Depth  | 264 mm (10.4") |
| Weight | 16 kg (32 lb)  |

##### DRESTER QR-TT

| Compressed air needed                      | Pump capacity | Permitted solvents                                                                  | Liquid volume of machine                                            | Part.no. |
|--------------------------------------------|---------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------|
| 5-12 bar (80-180 psi)<br>100 l/min (4 cfm) | 2 l/min       | LEFT BOX: Water or water-based solvents<br>RIGHT BOX: Solvents and solvent mixtures | 3 l/solvent (amount of water depending on chosen size of container) | QR-TT    |





## DRESTER DYNAMIC TRIPLE

**Better spray gun cleaning performance with an environmentally friendly closed system of handling solvents**

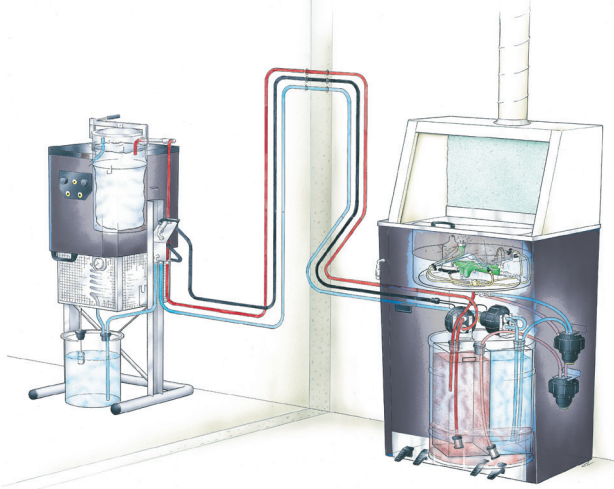
The transfer of the solvents between the spray gun cleaner and the recycler is fully automated; the dirty, heavy and hazardous manual solvent handling is eliminated and at the same time the equipment and floor in the workshop stays clean. Instantly after the transfer of solvents, access to clean solvent in the spray gun cleaner is available.

The system allows for the units to be placed either close together or in separate rooms up to 25 meters (subject to local fire legislation).

The convenient operation of the Drester Dynamic Triple by Hedson system encourages to run the system often.

This keeps the solvent in the spray gun cleaner in better condition, resulting in improved spray gun cleaning performance. The consumption of solvent is reduced, the waste of solvent is kept to a minimum and costs are cut dramatically.

- Reduced solvent consumption
- Improved spray gun cleaning performance
- Fully automated transfer between the spray gun cleaner and the recycler



**TO SETUP A DRESTER DYNAMIC TRIPLE YOU NEED THE FOLLOWING UNITS**

- 1 DRESTER SPRAY GUN CLEANER**
- 2 DOCKING UNIT**
- 3 RECYCLER**



See the process here:

### DRESTER RDX - DOCKING UNIT

- For solvent transfer in the Drester Dynamic Triple
- Includes an overflow protection.
- Can be placed inside the spray gun cleaners

#### DRESTER DOCKING UNIT

| Compressed air needed      | Solvent capacity | Pump capacity | Liquid pressure | Part.no.                                                                                    |
|----------------------------|------------------|---------------|-----------------|---------------------------------------------------------------------------------------------|
| Clean, dry air at 3-10 bar | Max. 80 litres   | 10 l/minutes  | 2 bar           | RDX-8012<br>Drester 2600, 3600 & 8000<br>RDX-9012<br>Drester Boxer Solvent, X-Series Manual |

#### DIMENSIONS

|            |                |
|------------|----------------|
| Height     | 590 mm (23")   |
| Width      | 1610 mm (63")  |
| Max. Depth | 120 mm (47")   |
| Weight     | 67 kg (148 lb) |



### DRESTER 120 - RECYCLER

- A solvent recycler in the Drester Dynamic Triple
- Recovers and recycles the solvent used in the spray gun cleaner
- Can also be used as a stand-alone product

#### DRESTER RECYCLER

| Type of solvents distillable | Boiler capacity | Residues discharge | Condensation system | Condensate material | Time/cycle | Voltage                           | Part.no. |
|------------------------------|-----------------|--------------------|---------------------|---------------------|------------|-----------------------------------|----------|
| Thinner type                 | 12 litres       | Plastic bag        | By air              | Stainless steel     | 3-4 hours  | 200-240 V single Phase 50 or 60Hz | DR-120-A |

#### DIMENSIONS

|          |                  |
|----------|------------------|
| Height   | 700 mm (17.5")   |
| Diameter | Ø 500 mm (19.5") |
| Weight   | 21 kg (46 lb)    |



## DRESTER WASTE MANAGEMENT

Safe and efficient way to get rid of paint residues and waste in the workshop

- Two compartments for easy separation of waste
- Equipped with two funnels with grids, for cans to be left to drain
- Flexible usage



**DRESTER WM-90-1**  
Two compartments for liquid waste



**DRESTER WM-90-2**  
One compartment for liquid and one for solid waste



**DRESTER WM-90-3**  
Two compartments for solid waste



### DRESTER WASTE MANAGEMENT

| Compressed air needed                                                   | Extractor flange diameter                   | Part.no.                      |
|-------------------------------------------------------------------------|---------------------------------------------|-------------------------------|
| 7-12 bar (110-180 psi) 450 l/min (16 cfm)<br>(if extraction is desired) | 125 mm (5") with flange<br>(part.no. 10187) | WM-90-1<br>WM-90-2<br>WM-90-3 |

### DIMENSIONS

|                           |               |
|---------------------------|---------------|
| <b>Height</b>             | 1025 mm (40") |
| - with hood               | 1470 mm (58") |
| - with hood & airvent     | 2230 mm (89") |
| <b>Width</b>              | 780 mm (31")  |
| <b>Depth at the floor</b> | 570 mm (23")  |
| <b>Weight</b>             | 42 kg (x lb)  |

## DRESTER MIXING TABLE

Keeps the mixing room structured

- Smart storage which gives efficient work flow
- Basic model with one shelf underneath
- Available in powder coated or stainless finish



### DRESTER MIXING TABLE

| Airvent diameters |         | Weight                         | Width   | Height  | Max. depth           | Part.no. |                                  |
|-------------------|---------|--------------------------------|---------|---------|----------------------|----------|----------------------------------|
| 14010             | Ø100 mm | Basic model                    | 30,0 kg | 1200 mm | Basic model          | 930 mm   | 565 mm<br>MT-120 (powder coated) |
| 14020/14040       | Ø125 mm | with slot extraction & airvent | 36,5 kg |         | With slot extraction | 1110 mm  |                                  |
|                   |         | with hood & airvent            | 45,0 kg |         | With hood            | 1470 mm  |                                  |
|                   |         |                                |         |         | Working height       | 905 mm   |                                  |

## HERKULES LACKY TABLE

Table with a lot of storage space suitable for the mixing room

- Storage space for painting materials and tools
- Lowered working surface
- Outflow tunnel and optimum solvent extraction

### HERKULES LACKY TABLE

| Width   | Overall Height | Depth  | Part.no.           |
|---------|----------------|--------|--------------------|
| 1200 mm | 1395 mm        | 650 mm | LT-05 <sup>1</sup> |
| 1800 mm | 1395 mm        | 650 mm | LT-06 <sup>1</sup> |

<sup>1</sup> Paper roll holder and extraction system available as accessories.







## DRESTER SPRAY GUN CLEANERS

### Basic features

|                                                                   | CLASSIC |      |      |      |      |
|-------------------------------------------------------------------|---------|------|------|------|------|
|                                                                   | 1000    | 1050 | 2600 | 3600 | 8000 |
| Manual wash with re-circulating solvent/recycled water            | •       | •    | •    |      |      |
| Manual clean rinse                                                | •       | •    | •    | •    | •    |
| Foot-pedal operated                                               |         |      |      |      |      |
| Hand-switch operated                                              |         |      |      |      |      |
| Air connection and funnel for spray out                           |         |      | •    | •    | •    |
| Air gun for drying spray gun                                      |         | •    | •    |      |      |
| Extraction unit (Airvent) included                                |         |      | •    | •    | •    |
| Number of pumps                                                   | 1       | 1    | 1    | 1    | 2    |
| 3-year warranty on diaphragm pumps                                | •       | •    | •    | •    | •    |
| Can be connected to Drester 120 with the Docking Unit RDX         |         |      | •    | •    | •    |
| Can be used with water-borne paints                               | •       | •    |      |      | •    |
| Specifically adapted for all water-borne paint systems            | •       | •    |      |      |      |
| Cleaning brush                                                    | •       | •    | •    |      |      |
| Rinse gun with nozzle for high pressure cleaning of paint channel | •       | •    |      |      |      |
| Automatic agitation during flocculation                           | •       | •    |      |      |      |
| Dual filter system for separation of paint sludge                 | •       | •    |      |      |      |
| Automatic evacuation of filtrate container                        | •       |      |      |      |      |
| Nozzle for quick cleaning of paint channels                       |         |      | •    |      |      |
| ATEX category                                                     | 3       | 3    | 2    | 2    | 2    |

## DRESTER CONSUMABLES



| FILTERS                                             |                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Part.no.</b>                                     | R8701 - Main filter (standard)<br>R8702 - Pre-filter (always to be used)<br>Delivered in 5 pcs. |
| <b>TO BE USED IN FOLLOWING DRESTER GUN CLEANERS</b> |                                                                                                 |
| Part.no.                                            | Description                                                                                     |
| DB22A                                               | Drester Boxer Aqua                                                                              |
| DB22C                                               | Drester Boxer Double Combo                                                                      |
| DB33C                                               | Drester Boxer Triple Combo                                                                      |
| DB44C                                               | Drester Boxer Quattro Combo                                                                     |
| 1000                                                | Drester Classics 1000                                                                           |
| 1050                                                | Drester Classics 1050                                                                           |

| AQUASOLVE                                           |                                     |
|-----------------------------------------------------|-------------------------------------|
| <b>Part.no.</b>                                     | 230120<br>Delivered in 1 L x 12 pcs |
| <b>TO BE USED IN FOLLOWING DRESTER GUN CLEANERS</b> |                                     |
| Part.no.                                            | Description                         |
| DB22A                                               | Drester Boxer Aqua                  |
| DB22C                                               | Drester Boxer Double Combo          |
| DB33C                                               | Drester Boxer Triple Combo          |
| DB44C                                               | Drester Boxer Quattro Combo         |
| 1000                                                | Drester Classics 1000               |
| 1050                                                | Drester Classics 1050               |
| QR-10                                               | Drester QuickRinse, water           |
| QR-TT                                               | Drester QuickRinse, water & solvent |

| FLOCCULATION POWDER                                 |                                    |
|-----------------------------------------------------|------------------------------------|
| <b>Part.no.</b>                                     | 9211<br>Delivered in can / 1,5 kg. |
| <b>TO BE USED IN FOLLOWING DRESTER GUN CLEANERS</b> |                                    |
| Part.no.                                            | Description                        |
| DB22A                                               | Drester Boxer Aqua                 |
| DB22C                                               | Drester Boxer Double Combo         |
| DB33C                                               | Drester Boxer Triple Combo         |
| DB44C                                               | Drester Boxer Quattro Combo        |
| 1000                                                | Drester Classics 1000              |
| 1050                                                | Drester Classics 1050              |



## HERKULES LIFTING EQUIPMENT

### Why choose a Herkules lift?

#### *Pneumatic technology*

- Faster than hydraulic systems
- Silicone- & oil free to prevent damages to paint jobs
- No electricity needed

#### *Ergonomic working process*

- 85% of damages are located beneath the window, so lifting is always an ergonomic advantage
- Stepless lifting heights - safe and smooth

#### *Advanced flexibility*

- Lifting on wheels, lifting on chassis or a combination of both
- Installation on-ground, in-ground or integration in existing rail systems
- Mobile lifts or transport system for lifts

#### *Optimized efficiency*

- Fast lifting and transport of vehicles
- Optimal view on damages for best repair quality
- Yearly checks of lifts can be done by owner

#### *High-quality engineering*

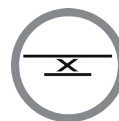
- User-friendly
- Robust and durable due to 40 years of experience
- Easy to install in the workshop

#### *Qualified technical customer support*

- Contact for technical service
- Spare parts even for older lifts

#### **LIFTING ON WHEELS**

These lifts are wheel supported for easy access to damaged areas on the vehicles.



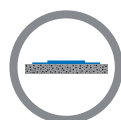
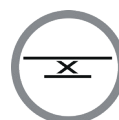
#### **LIFTING ON CHASSIS**

These lifts are chassis supported for a wheel free operation.



#### **COMBINATION OF BOTH**

These lifts are a combination of both wheel and chassis supported lifts, one lift - two possibilities.



#### **ON-GROUND**

Simply fix with screws and dowels, and the lift is ready for immediate use.



#### **IN-GROUND**

In-ground installation to concrete or grids.



#### **ON-RAILS**

Integration in existing rail system



## THE INNOVATIVE LIFT FOR THE CLEVER PAINT SHOP OWNER

**The new generation of Herkules lifts is characterized by a functional and well thought-out design.**

Many innovative details help simplify everyday work in the paint shop. Despite the compact design, which also characterizes the previous Herkules lifts, longer and heavier vehicles can also be lifted on the new AirgoMatic Pro 3513 thanks to intelligent roll-off protection and a lifting capacity of 3.5 t. New technology makes the DUO function safer and easier to use than ever before.



Herkules AirgoMatic Pro 3513 -11

### Benefits

- Lifting capacity of 3.5 t for lifting vans and heavy electric vehicles
- Lifting height 1300 mm for ergonomic work
- Space-saving and elegant design
- Innovative roll-off protection; vehicles with longer wheelbases also fit on the lift without any problems
- Easy to use thanks to easily accessible supports
- User-friendly slider for the duo function for lifting on chassis
  - Easy and safe to use with immediate visual check
  - New mushroom head function, button disappears when driving over
- Modular pneumatics with optional features
  - Lifting limiter, which can also be deactivated by pressing a button
  - Forced venting of the air bellows, residual air in the bellows is avoided, thus no damage to the underbody of the vehicle when driving down
- Low construction height of 10 cm, for cars with low ground clearance
- Long arms, so lifting points are easily accessible for large and very small vehicles
- Standard CE stop according to the DIN standard, automatic stop when lowering at 15 cm above the ground, when lowering to the ground an acoustic warning signal sounds

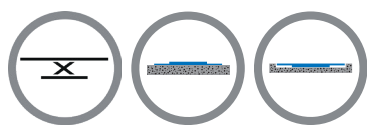


# HERKULES AIRGOMATIC PRO 3513

Versatile lift for the workshop or the paint booth

## Benefits

- Easy access to all areas of the vehicle thanks to fold-down runway
- Versions for installation on-ground or in-ground
- All lifts are equipped with CE stops
- Optional forced venting of the air bellows
- Optionally available with ATEX certification.



### DIMENSIONS

**Lifting height** (on-ground/in-ground) 1300/1150 mm

**Overdrive height** (on-ground) 100 mm

**Pit depth** (in-ground) 150 mm

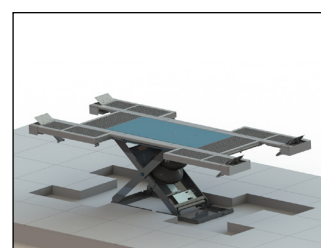
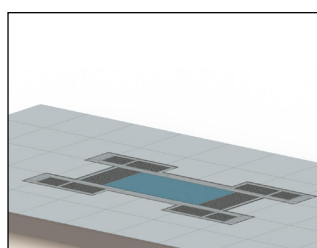


Herkules Airgomatic Pro 3513-11

### HERKULES AIRGOMATIC PRO 3513

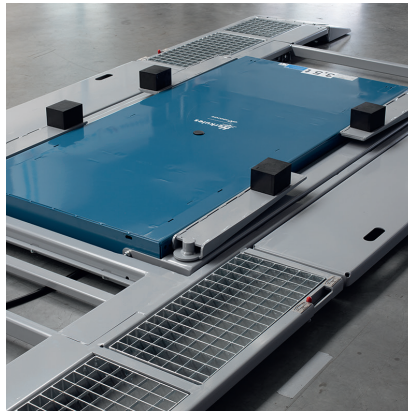
| Part-no.   | Lifting capacity | Air supply | Wheel base (max.) | Weight  | Installation            |
|------------|------------------|------------|-------------------|---------|-------------------------|
| HLS3513-11 | 3,5 t            | 6-8 bar    | 3700 mm           | 997 kg  | On-ground with CE-Stop* |
| HLS3513-14 | 3,5 t            | 6-8 bar    | 3700 mm           | 1017 kg | In-ground with CE-Stop* |

\*Sicherheitsstopp mit Warnton zur Vermeidung von Fußverletzungen

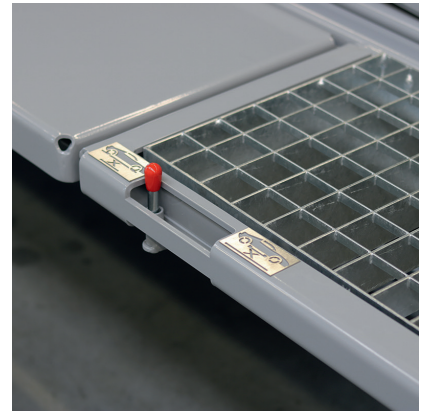




Innovative roll-off protection



Extremely flat design



User-friendly slider

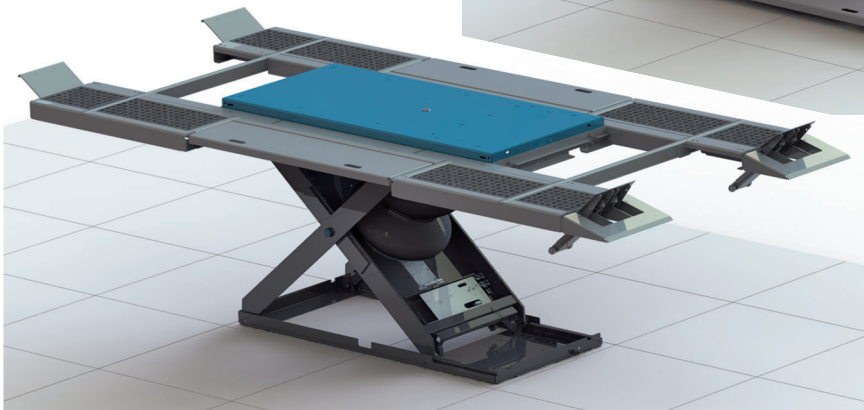
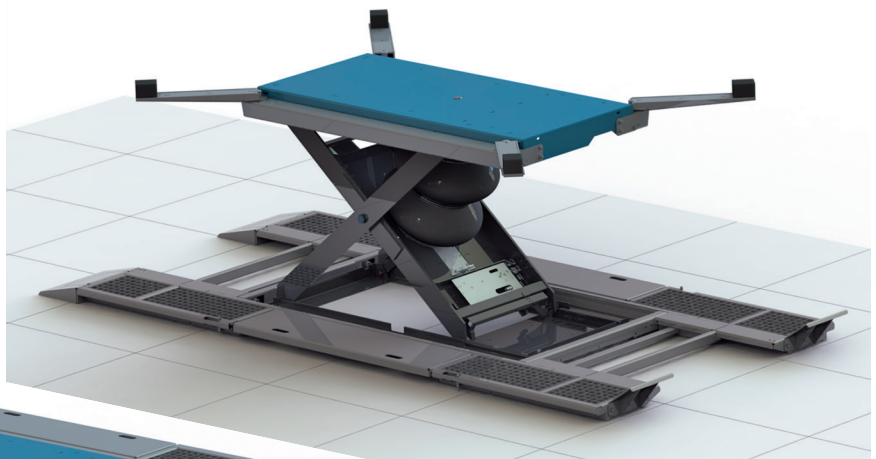


The core element of every pneumatic lift - the air-bellow

### Benefits for assembly and maintenance

- Simple assembly thanks to useful assembly aids
- Easier conversion from on-ground lift to in ground and vice versa
- Air bellows easily replaceable
- Easy maintenance of the sliding blocks

**Duo or not Duo -  
that is the question**



The Herkules AirgoMatic Pro 3513 can lift a car standing on its wheels.

The Herkules AirgoMatic Pro 3513 DUO can lift vehicles on chassis or alternatively standing on wheels.



# HERKULES AIRGOMATIC PRO 3513 DUO

Flexible lift for all requirements in the workshop and in the paint booth

## Benefits

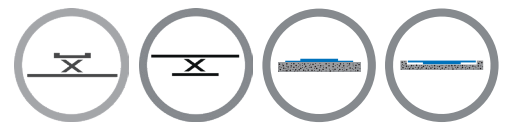
- Arms same height as main body for the on-ground installed version, therefore low installation height of 10 cm, for cars with low ground clearance
- User-friendly slider for the duo function for lifting on chassis
  - Easy and safe to use with immediate visual check
  - New mushroom head function, button disappears when driving over
- All lifts are equipped with CE stops
- Long arms, so lifting points are easily accessible for large and very small vehicles



Herkules AirgoMatic Pro 3513 DUO-11  
- even big vehicles can be lifted

### DIMENSIONS

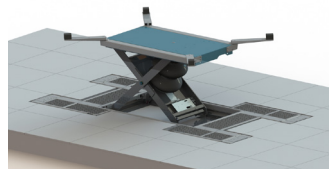
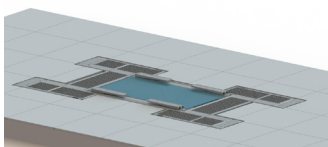
|                                                |              |
|------------------------------------------------|--------------|
| <b>Lifting height</b><br>(on-ground/in-ground) | 1300/1150 mm |
| <b>Overdrive height</b><br>(on-ground)         | 100 mm       |
| <b>Pit depth</b> (in-ground)                   | 150 mm       |



### HERKULES AIRGOMATIC PRO 3513 DUO

| Part.-no.     | Lifting capacity | Air supply | Wheel base (max.) | Weight  | Installation            |
|---------------|------------------|------------|-------------------|---------|-------------------------|
| HLS3513DUO-11 | 3,5 t            | 6-8 bar    | 3700 mm           | 1110 kg | On-ground with CE-Stop* |
| HLS3513DUO-14 | 3,5 t            | 6-8 bar    | 3700 mm           | 1129 kg | In-Ground with CE-Stop* |

\*Safety stop with audible alarm to prevent foot injuries





# HERKULES AIRGOMATIC BIG-DUO

Extra long lift for special requirements in the body and paint shop

## Benefits

- Long wheel stand to lift extra long vehicles for special purposes, like ambulances.
- Extra long arms



Herkules AirgoMatic BIG DUO-14 –  
to lift extra long vehicles

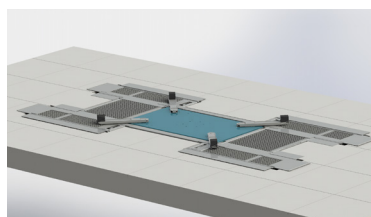
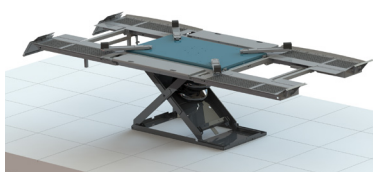
### DIMENSIONS

|                              |         |
|------------------------------|---------|
| Lifting height               | 1300 mm |
| Overdrive height (on-ground) | 110 mm  |
| Pit depth (in-ground)        | 150 mm  |

### HERKULES AIRGOMATIC BIG DUO

| Part.no.            | Lifting capacity | Air supply | Wheel base (max.) | Weight  | Installation            |
|---------------------|------------------|------------|-------------------|---------|-------------------------|
| HLS 3213-DUO-BIG-11 | 3 t              | 8 bar      | 4500 mm           | 1275 kg | On-ground               |
| HLS 3213-DUO-BIG-14 | 3 t              | 8 bar      | 4500 mm           | 1275 kg | In-ground               |
| HLS 3213-DUO-BIG-16 | 3 t              | 8 bar      | 4500 mm           | 1275 kg | In-ground with CE-Stop* |

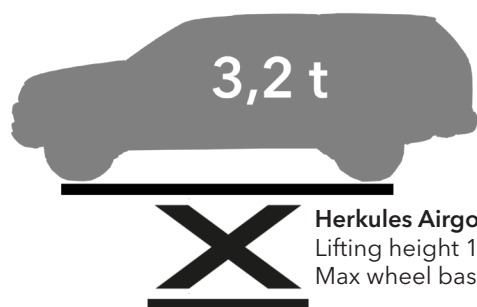
\*Sicherheitsstopp mit Warnton zur Vermeidung von Fußverletzungen



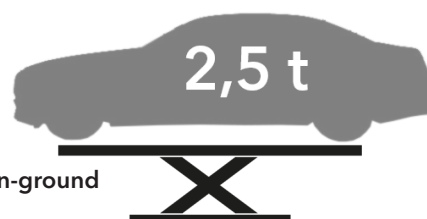


## THE RIGHT HERKULES LIFT FOR EVERY REQUIREMENT

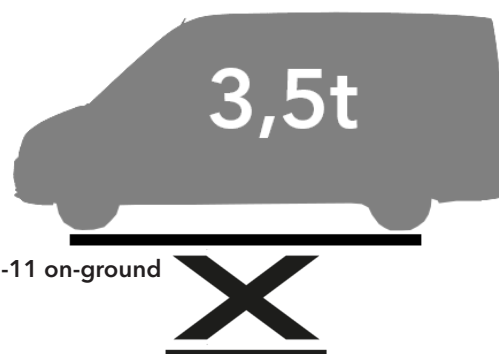
Overview over lifting height, lifting capacity and wheel base for all on-ground Herkules lifts with wheel stand



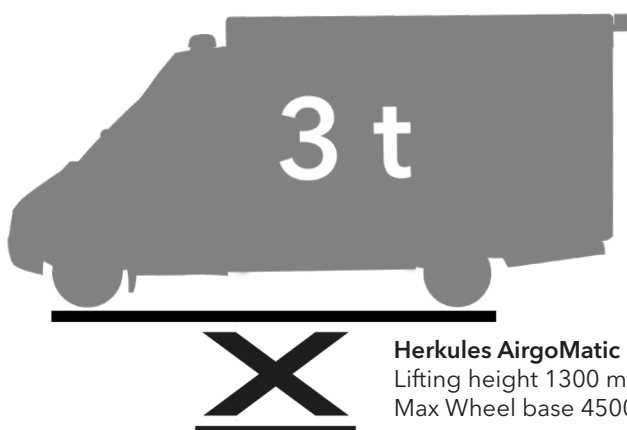
**Herkules AirgoMatic 3213-11 on-ground**  
Lifting height 1300 mm  
Max wheel base 3500 mm



**Herkules HLS 1200-11 on-ground**  
Lifting height 930 mm  
Max wheel base 3200 mm



**Herkules AirgoMatic Pro 3513-11 on-ground**  
lifting height 1300 mm  
Max wheel base 3700 mm



**Herkules AirgoMatic Big Duo-11 on-ground**  
Lifting height 1300 mm  
Max Wheel base 4500 mm

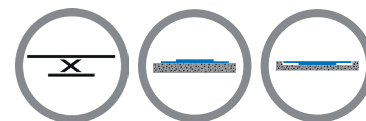
| Lift                                        | Part.-no.           | Lifting capacity | Wheel base (max) | Lifting height |
|---------------------------------------------|---------------------|------------------|------------------|----------------|
| Herkules HLS 1200-11 on-ground              | HLS1200-11          | 2,5 t            | 3200 mm          | 930 mm         |
| Herkules AirgoMatic 3213 -11 aufliegend     | HLS3213-11          | 3,2 t            | 3500 mm          | 1300 mm        |
| Herkules AirgoMatic Pro 3513 -11 aufliegend | HLS3513-11          | 3,5 t            | 3700 mm          | 1300 mm        |
| Herkules AirgoMatic Big Duo-11 aufliegend   | HLS 3213-DUO-BIG-11 | 3 t              | 4500 mm          | 1300 mm        |



## HERKULES AIRGOMATIC HLS 3213

For ergonomic lifting of all common vehicle model

- 3.2 tons lifting capacity
- 1300 mm lifting height
- For a wheelbase up to 3500 mm
- Fold-down driveover ramps



### DIMENSIONS

|                                                |              |
|------------------------------------------------|--------------|
| <b>Lifting height</b><br>(on-ground/in-ground) | 1300/1140 mm |
| <b>Overdrive height</b><br>(on-ground)         | 110 mm       |
| <b>Pit depth</b> (in-ground)                   | 160 mm       |

### HERKULES AIRGOMATIC HLS 3213

| Part.no.    | Lifting capacity | Air supply | Wheel base (min./max.) | Lifting time | Lowering time | Weight | Installation         |
|-------------|------------------|------------|------------------------|--------------|---------------|--------|----------------------|
| HLS 3213-11 | 3,2 t            | 8 bar      | 1600/3500 mm           | ca. 25 s*    | ca. 30 s*     | 925 kg | On-ground            |
| HLS 3213-14 | 3,2 t            | 8 bar      | 1600/3300 mm           | ca. 25 s*    | ca. 30 s*     | 865 kg | In-ground            |
| HLS 3213-16 | 3,2 t            | 8 bar      | 1600/3300 mm           | ca. 25 s*    | ca. 30 s*     | 865 kg | In-ground, CE-Stop** |
| HLS 3213-17 | 3,2 t            | 8 bar      | 1600/3500 mm           | ca. 25 s*    | ca. 30 s*     | 950 kg | Transmobil (HLT-06)  |

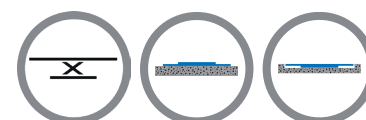
\* With empty lift

\*\*Safety stop with audible alarm to prevent foot injuries

## HERKULES HLS 1200

A compact lift for space-saving requirements

- 2.5 tons lifting capacity
- Easy to install in the workshop
- Stepless lifting heights for ergonomic working position



### DIMENSIONS

|                                                |            |
|------------------------------------------------|------------|
| <b>Lifting height</b><br>(on-ground/in-ground) | 930/805 mm |
| <b>Overdrive height</b><br>(on-ground)         | 110 mm     |
| <b>Pit depth</b> (in-ground)                   | 125 mm     |

### HERKULES HLS 1200

| Part.no.    | Lifting capacity | Air supply | Wheel base (min./max.) | Lifting time | Lowering time | Weight | Installation         |
|-------------|------------------|------------|------------------------|--------------|---------------|--------|----------------------|
| HLS 1200-11 | 2,5 t            | 8 bar      | 1500/3200 mm           | ca. 25 s*    | ca. 30 s*     | 750 kg | On-ground            |
| HLS 1200-14 | 2,5 t            | 8 bar      | 1500/3000 mm           | ca. 25 s*    | ca. 30 s*     | 750 kg | In-ground            |
| HLS 1200-16 | 2,5 t            | 8 bar      | 1500/3000 mm           | ca. 25 s*    | ca. 30 s*     | 750 kg | In-ground, CE-Stop** |
| HLS 1200-17 | 2,5 t            | 8 bar      | 1500/3200 mm           | ca. 25 s*    | ca. 30 s*     | 800 kg | Transmobil (HLT-3)   |

\* With empty lift

\*\*Safety stop with audible alarm to prevent foot injuries

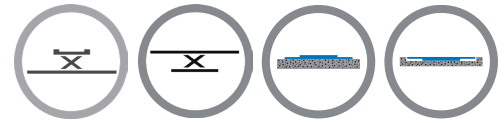
## HERKULES AIRGOMATIC 3213 DUO

Adaptive lift for most diverse requirements

- 3.2 tons lifting capacity
- 1300 mm lifting height
- Lifting on wheel or on chassis
- Flat arms and hightened drive ways



ALTERNATIV



### DIMENSIONS

|                                      |              |
|--------------------------------------|--------------|
| Lifting height (on-ground/in-ground) | 1300/1140 mm |
| Overdrive height (on-ground)         | 110 mm       |
| Pit depth (in-ground)                | 160 mm       |

### HERKULES AIRGOMATIC 3213 DUO

| Part.no.        | Lifting capacity | Air supply | Wheel base (min./max.) | Lifting time | Lowering time | Weight  | Installation         |
|-----------------|------------------|------------|------------------------|--------------|---------------|---------|----------------------|
| HLS 3213-DUO-11 | 3,2 t            | 8 bar      | 1600/3500 mm           | ca. 25 s*    | ca. 30 s*     | 1050 kg | On-ground            |
| HLS 3213-DUO-14 | 3,2 t            | 8 bar      | 1600/3300 mm           | ca. 25 s*    | ca. 30 s*     | 955 kg  | In-ground            |
| HLS 3213-DUO-16 | 3,2 t            | 8 bar      | 1600/3300 mm           | ca. 25 s*    | ca. 30 s*     | 955 kg  | In-ground, CE-Stop** |
| HLS 3213-DUO-17 | 3,2 t            | 8 bar      | 1600/3500 mm           | ca. 25 s*    | ca. 30 s*     | 1070 kg | Transmobil (HLT-06)  |

\* With empty lift

\*\*Safety stop with audible alarm to prevent foot injuries

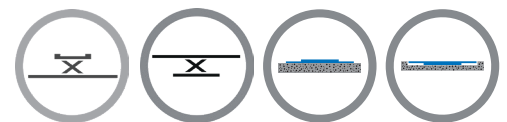
## HERKULES HLS 1200 DUO

User-friendly and variable lift even for confined spaces

- 2.5 tons lifting capacity
- Lifting on wheel or on chassis
- Installation on ground or in ground



ALTERNATIV



### DIMENSIONS

|                                      |            |
|--------------------------------------|------------|
| Lifting height (on-ground/in-ground) | 930/825 mm |
| Overdrive height (on-ground)         | 110 mm     |
| Pit depth (in-ground)                | 115 mm     |

### HERKULES HLS 1200 DUO

| Part.no.        | Lifting capacity | Air supply | Wheel base (min./max.) | Lifting time | Lowering time | Weight | Installation         |
|-----------------|------------------|------------|------------------------|--------------|---------------|--------|----------------------|
| HLS 1200-DUO-11 | 2,5 t            | 8 bar      | 1500/3200 mm           | ca. 25 s*    | ca. 30 s*     | 850 kg | On-ground            |
| HLS 1200-DUO-14 | 2,5 t            | 8 bar      | 1500/3000 mm           | ca. 25 s*    | ca. 30 s*     | 850 kg | In-ground            |
| HLS 1200-DUO-16 | 2,5 t            | 8 bar      | 1500/3000 mm           | ca. 25 s*    | ca. 30 s*     | 850 kg | In-ground, CE-Stop** |
| HLS 1200-DUO-17 | 2,5 t            | 8 bar      | 1500/3200 mm           | ca. 25 s*    | ca. 30 s*     | 850 kg | Transmobil (HLT-03)  |

\* With empty lift

\*\*Safety stop with audible alarm to prevent foot injuries





## HERKULES HLQ

Lift for existing rail system\*

- for transportation between spraying and drying booths

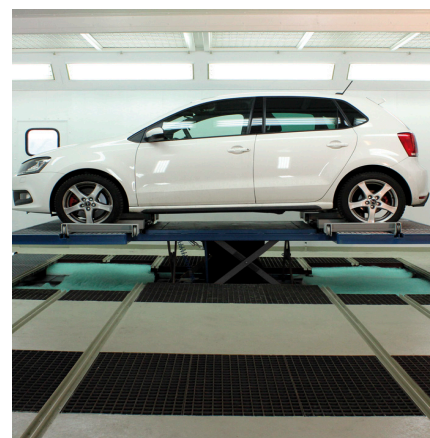


- Lifting on wheels
- Vehicles can be moved sideways
- Installation in-ground



\*Trolleys for railsystem not included

| HERKULES HLQ |                  |            |                |              |
|--------------|------------------|------------|----------------|--------------|
| Part.no.     | Lifting capacity | Air supply | Lifting height | Installation |
| HLQ 01       | 2,5 t            | 8 bar      | 800 mm         | Bodeneben    |
| HLQ-3213     | 3,2 t            | 8 bar      | 1150 mm        | Bodeneben    |



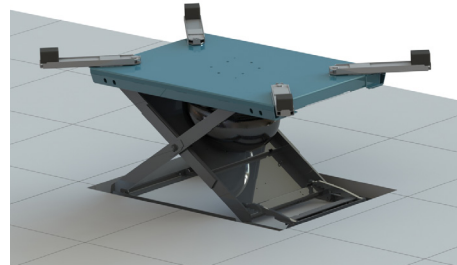
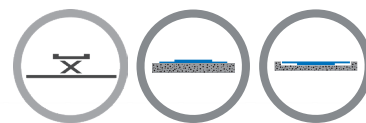
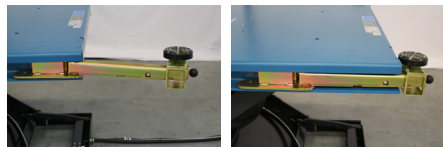
## HERKULES HM 1100 AND 1200

### A fast and space saving lift

- 2.8 tons lifting capacity
- Horizontal moveable swivel arms – safe fixing of wide vehicles
- No installation – ready to use immediately
- Movable with an optional shaft (Herkules HM 1100-01)



Herkules HM 1100-01  
on-ground



Herkules HM 1200-04 in-ground

#### DIMENSIONS HERKULES HM 1200-04

|                              |        |
|------------------------------|--------|
| Lifting height (in-ground)   | 825 mm |
| Overdrive height (in-ground) | 46 mm  |
| Pit depth (in-ground)        | 115 mm |

#### DIMENSIONS HERKULES HM 1100-01

|                              |        |
|------------------------------|--------|
| Lifting height (on-ground)   | 930 mm |
| Overdrive height (on-ground) | 115 mm |

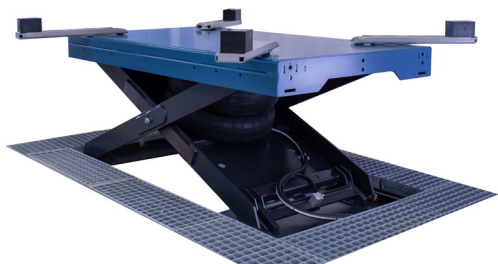
#### HERKULES HM 1100

| Part.no.   | Lifting capacity | Air supply | Lifting time | Lowering time         | Weight | Installation                          |
|------------|------------------|------------|--------------|-----------------------|--------|---------------------------------------|
| HM 1100-01 | 2,8 t            | 8 bar      | ca. 15 s***  | ca. 20 s (empty lift) | 510 kg | On-ground                             |
| HM 1200-04 | 2,8 t            | 8 bar      | ca. 15 s***  | ca. 20 s (empty lift) | 510 kg | In-ground, with 4 rubberblock 800-105 |

## HERKULES HM 3213 AND HM 3513

### In-ground lift with high lifting capacity

- 3,2 t lifting capacity (HM 3213)
- 3,5 t lifting capacity (HM 3513)
- Movable Swivelarms for the secure lifting of large vehicle



Herkules HM 3213-04 in-ground

#### HERKULES HM 3213 / HM 3513

| Part.no.   | Lifting capacity | Air supply | Weight | Installation           |
|------------|------------------|------------|--------|------------------------|
| HM 3213-04 | 3,2 t            | 8 bar      | 550 kg | In-ground              |
| HM 3213-06 | 3,2 t            | 8 bar      | 550 kg | In-ground with CE-Stop |
| HM 3513-04 | 3,5 t            | 8 bar      |        | In-ground with CE-Stop |



Herkules HM 3513-04 in-ground

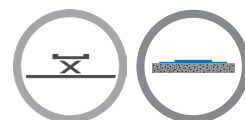
#### DIMENSIONS HERKULES HM 3213 / HM 3513

|                  |         |
|------------------|---------|
| Lifting height   | 1150 mm |
| Pit depth HM3213 | 160 mm  |
| Pit depth HM3513 | 150 mm  |

## HERKULES K700

A versatile lift for tire service workshops

- 2.8 tons lifting capacity
- No installation - ready to use immediately
- The swivel arms reach easily the vehicle's original lifting points
- Rubber blocks can be used on swivel arms or on main body to lift the vehicle



Lifting on main body



### HERKULES K700

| Part.-no. | Lifting capacity | Air supply | Lifting time | Lowering time | Installation  |
|-----------|------------------|------------|--------------|---------------|---------------|
| K 700-45  | 2,8 t            | 8 bar      | ca. 15 s*    | ca. 20 s*     | Auf dem Boden |

\* Ohne Last

### DIMENSIONS

|                  |        |
|------------------|--------|
| lifting height   | 930 mm |
| Overdrive height | 110 mm |
| Weight           | 840 kg |



# HERKULES LIFTS

## Basic features

|                             | HLS 1200-11 |     | HLS 1200-14 / -16 |     | HLS 1200-17 |     | HLS 1200-DUO-11 |     | HLS 1200-DUO-14 / -16 |     | HLS 1200-DUO-17 |     | AirgoMatic 3212-11 |     | AirgoMatic 3212-14 / -16 |     | AirgoMatic 3212-17 |     | AirgoMatic 3212-DUO-11 |     | AirgoMatic 3212-DUO-14 / -16 |     | AirgoMatic 3212-DUO-17 |     | AirgoMatic Pro 3512-11 |     | AirgoMatic Pro 3512-14 |     | AirgoMatic Pro 3512 DUO-11 |     | AirgoMatic Pro 3512 DUO-14 |     | AirgoMatic Big DUO-11 |     | AirgoMatic Big DUO-14 |     | AirgoMatic Big DUO-16 |     | HLQ 01 |     | HLQ 3213 |     | HM 1100-01 |     | HM 1200-04 |     | HM 3213-04 |     | HM 3213-06 |     | HM 3513-04 |     | K700-45 |  |  |  |  |  |
|-----------------------------|-------------|-----|-------------------|-----|-------------|-----|-----------------|-----|-----------------------|-----|-----------------|-----|--------------------|-----|--------------------------|-----|--------------------|-----|------------------------|-----|------------------------------|-----|------------------------|-----|------------------------|-----|------------------------|-----|----------------------------|-----|----------------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|--------|-----|----------|-----|------------|-----|------------|-----|------------|-----|------------|-----|------------|-----|---------|--|--|--|--|--|
| SCOPE OF DUTIES             |             |     |                   |     |             |     |                 |     |                       |     |                 |     |                    |     |                          |     |                    |     |                        |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Paint- and body work        | ●           | ●   | ●                 | ●   | ●           | ●   | ●               | ●   | ●                     | ●   | ●               | ●   | ●                  | ●   | ●                        | ●   | ●                  | ●   | ●                      | ●   | ●                            | ●   | ●                      | ●   | ●                      | ●   | ●                      | ●   | ●                          | ●   | ●                          | ●   | ●                     | ●   | ●                     | ●   | ●                     | ●   | ●      | ●   | ●        | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   |         |  |  |  |  |  |
| Rework                      |             |     |                   | ●   | ●           | ●   |                 |     |                       |     | ●               | ●   | ●                  |     |                          | ●   | ●                  | ●   |                        | ●   | ●                            | ●   |                        |     |                        |     | ●                      | ●   | ●                          | ●   | ●                          | ●   | ●                     | ●   | ●                     | ●   | ●                     | ●   | ●      | ●   | ●        | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●       |  |  |  |  |  |
| DRIVING SPECIFICATIONS      |             |     |                   |     |             |     |                 |     |                       |     |                 |     |                    |     |                          |     |                    |     |                        |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Wheelbase min (dm)          | 18          | 18  | 18                | 16  | 16          | 16  | 18              | 18  | 18                    | 18  | 18              | 18  | 19                 | 19  | 19                       | 19  | 18                 | 18  | 18                     |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Wheelbase max (dm)          | 32          | 30  | 32                | 32  | 30          | 32  | 35              | 33  | 35                    | 35  | 33              | 35  | 37                 | 37  | 37                       | 37  | 45                 | 45  | 45                     |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Drive over possibility      | (●)         | ●   | (●)               | (●) | ●           | (●) | (●)             | ●   | (●)                   | (●) | ●               | (●) | (●)                | ●   | (●)                      | ●   | (●)                | ●   | ●                      | ●   | ●                            | ●   | ●                      | ●   | ●                      | ●   | ●                      | ●   | ●                          | ●   | ●                          | ●   | ●                     | ●   | ●                     | ●   | ●                     | ●   | ●      | ●   | ●        | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   |         |  |  |  |  |  |
| LIFTING SPECIFICATIONS      |             |     |                   |     |             |     |                 |     |                       |     |                 |     |                    |     |                          |     |                    |     |                        |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Chassis supported           |             |     |                   | ●   | ●           | ●   |                 |     |                       | ●   | ●               | ●   |                    |     | ●                        | ●   | ●                  | ●   | ●                      | ●   | ●                            | ●   | ●                      | ●   | ●                      | ●   | ●                      | ●   | ●                          | ●   | ●                          | ●   | ●                     | ●   | ●                     | ●   | ●                     | ●   | ●      | ●   | ●        | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●       |  |  |  |  |  |
| Wheel supported             | ●           | ●   | ●                 | ●   | ●           | ●   | ●               | ●   | ●                     | ●   | ●               | ●   | ●                  | ●   | ●                        | ●   | ●                  | ●   | ●                      | ●   | ●                            | ●   | ●                      | ●   | ●                      | ●   | ●                      | ●   | ●                          | ●   | ●                          | ●   | ●                     | ●   | ●                     | ●   | ●                     | ●   | ●      | ●   | ●        | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   | ●          | ●   |         |  |  |  |  |  |
| TECHNICAL SPECIFICATIONS    |             |     |                   |     |             |     |                 |     |                       |     |                 |     |                    |     |                          |     |                    |     |                        |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Lifting Capacity (tons)     | 2,5         | 2,5 | 2,5               | 2,5 | 2,5         | 2,5 | 3,2             | 3,2 | 3,2                   | 3,2 | 3,2             | 3,2 | 3,5                | 3,5 | 3,5                      | 3,5 | 3                  | 3   | 3                      | 2,5 | 3,2                          | 2,8 | 2,8                    | 3,2 | 3,2                    | 3,5 | 2,8                    | 2,8 | 2,8                        | 3,2 | 3,2                        | 3,5 | 2,8                   | 2,8 | 3,2                   | 3,2 | 3,5                   | 2,8 | 2,8    | 3,2 | 3,2      | 3,5 | 2,8        | 2,8 | 3,2        | 3,2 | 3,5        | 2,8 | 2,8        | 3,2 | 3,2        | 3,5 | 2,8     |  |  |  |  |  |
| Overdrive height (cm)       | 11          |     | 11                | 11  |             | 11  | 12              |     | 12                    | 12  |                 | 12  | 10                 |     | 10                       |     | 11                 |     |                        |     | 11                           |     |                        |     | 11                     |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Load depth (cm)             |             | 11  |                   |     | 11          |     |                 | 15  |                       |     | 15              |     |                    | 15  |                          | 15  |                    | 15  | 15                     | 12  | 20                           |     | 11                     | 15  | 15                     |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Lifting height (cm)         | 93          | 82  | 93                | 93  | 82          | 93  | 130             | 115 | 130                   | 130 | 115             | 130 | 130                | 115 | 130                      | 115 | 130                | 115 | 115                    |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Power supply, bar (min/max) | 6/8         | 6/8 | 6/8               | 6/8 | 6/8         | 6/8 | 6/8             | 6/8 | 6/8                   | 6/8 | 6/8             | 6/8 | 6/8                | 6/8 | 6/8                      | 6/8 | 6/8                | 6/8 | 6/8                    | 6/8 | 6/8                          | 6/8 | 6/8                    | 6/8 | 6/8                    | 6/8 | 6/8                    | 6/8 | 6/8                        | 6/8 | 6/8                        | 6/8 | 6/8                   | 6/8 | 6/8                   | 6/8 | 6/8                   | 6/8 | 6/8    | 6/8 | 6/8      | 6/8 | 6/8        | 6/8 | 6/8        | 6/8 | 6/8        | 6/8 | 6/8        | 6/8 | 6/8        | 6/8 |         |  |  |  |  |  |
| INSTALLATION SPECIFICATIONS |             |     |                   |     |             |     |                 |     |                       |     |                 |     |                    |     |                          |     |                    |     |                        |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| On-ground                   |             | ●   |                   |     | ●           |     |                 | ●   |                       |     | ●               |     | ●                  |     | ●                        |     | ●                  | ●   | ●                      |     |                              |     | ●                      | ●   | ●                      |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| On-ground                   | ●           |     | ●                 | ●   |             | ●   | ●               |     | ●                     | ●   |                 | ●   | ●                  |     | ●                        |     | ●                  |     | ●                      | ●   | ●                            | ●   | ●                      | ●   | ●                      |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| Mobile                      |             |     | ●                 |     |             | ●   |                 |     | ●                     |     | ●               |     |                    |     |                          |     |                    |     |                        |     |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |
| On-rail                     |             |     |                   |     |             |     |                 |     |                       |     |                 |     |                    |     |                          |     |                    |     | ●                      | ●   |                              |     |                        |     |                        |     |                        |     |                            |     |                            |     |                       |     |                       |     |                       |     |        |     |          |     |            |     |            |     |            |     |            |     |            |     |         |  |  |  |  |  |

Standard • Optional (•)

|                                             | Herkules Standard Colours |
|---------------------------------------------|---------------------------|
| All Herkules automotive lifts               | Azure blue RAL 5009       |
|                                             | Telegrey RAL 7045         |
|                                             | Black grey RAL 7021       |
| All Herkules passenger lifts                | Daffodil yellow RAL 1007  |
| Herkules Transmobile                        | Daffodil yellow RAL 1007  |
| All non-standard colors are custom coatings |                           |





| Herkules HLS 1200                                                                      | Part-no.         |
|----------------------------------------------------------------------------------------|------------------|
| Additional grids for the front end for HLS1200, 2 pieces, incl. support angles, welded | 300 - 344        |
| Pit frame (grids), zinc coated                                                         | 300 - 304        |
| Pit frame (grids), zinc coated, closed on the front sides                              | 300 - 523        |
| Pit frame (concrete), zinc coated                                                      | 300 - 307        |
| <b>Pit frame (concrete), zinc coated, closed on the front sides</b>                    | <b>300 - 524</b> |
| Drive over ramps, 2 pieces, including support angles                                   | 300 - 430        |
| Height adjustable support platform, zinc coated                                        | 300 - 484        |
| Surcharge for zinc coated lower frame                                                  | SVZ - 01         |

| Herkules HLS 1200 DUO                                                                      | Part-no.  |
|--------------------------------------------------------------------------------------------|-----------|
| Additional grids for the front end for HLS1200, 2 pieces, incl. support angles + fasteners | 300 - 380 |
| Pit frame (grids), zinc coated, closed on the front sides                                  | 300 - 323 |
| Pit frame (grids), zinc coated                                                             | 300 - 522 |
| Pit frame (concrete), zinc coated, closed on the front sides                               | 300 - 326 |
| Pit frame (concrete), zinc coated                                                          | 300 - 521 |
| Drive over ramps, 2 pieces including clamps                                                | 300 - 430 |
| Height adjustable support platform, zinc coated                                            | 300 - 484 |
| Surcharge for zinc coated lower frame                                                      | SVZ - 01  |

| Herkules Transmobil                                              | Part-no.  |
|------------------------------------------------------------------|-----------|
| Programming console for Transmobile                              | 400 - 218 |
| Trolley for crosswise moving Transmobile                         | 300 - 247 |
| 2 pc drive through ramps for version HLS1200-17 / HLS1200-DUO-17 | 300 - 430 |
| 2 pc drive through ramps for version HLS3213-17 / HLS3213-DUO-17 | 300 - 465 |

| Herkules HLQ                          | Part-no. |
|---------------------------------------|----------|
| Surcharge for zinc coated lower frame | SVZ - 01 |

| Herkules HM and Herkules K700                     | Part-no.     |
|---------------------------------------------------|--------------|
| Handle and wheels for HM lift                     | 300 - 170 HM |
| Fitting frame (grids) for HM1100, zinc coated     | 300 - 318    |
| Fitting frame (concrete) for HM 1100, zinc coated | 300 - 204    |
| Surcharge for zinc coated lower frame             | SVZ - 01     |
| Rubber blocks 120 x 100 x 30 mm                   | 800 - 104    |
| Rubber blocks 120 x 100 x 80 mm (Standard)        | 800 - 105    |
| Rubber blocks 120 x 120 x 100 mm                  | 800 - 107    |
| Rubber blocks 160 x 140 x 110 mm                  | 800 - 112    |
| Rubber blocks 220 x 130 x 120 mm                  | 800 - 106    |

| Herkules HLS 3213                                                                                  | Part-no.            |
|----------------------------------------------------------------------------------------------------|---------------------|
| Pit frame (grids), zinc coated                                                                     | 300 - 461           |
| Pit frame for floorgrid, front end closed, zinc coated                                             | 300 - 478           |
| Pit frame for concrete, zinc coated                                                                | 300 - 464           |
| Pit frame for concrete, front end closed, zinc coated                                              | 300 - 472           |
| Additional grids for the front end for AirgoMatic 3213, 2 pieces, incl. support angles + fasteners | 300 - 481           |
| Drive over ramps, 2 pieces incl. clamps                                                            | 300 - 465           |
| Extended ramps (800 mm instead 300 mm), 2 pieces                                                   | 300 - 482           |
| Height adjustable support platform, zinc coated                                                    | 300 - 484           |
| Surcharge for zinc coated lower frame                                                              | SVZ - 01            |
| Wheel stands to convert into HLS 3213 DUO-11                                                       | AS - HLS3213DUO- 11 |
| Wheel stands to convert into HLS 3213 DUO-14                                                       | AS - HLS3213DUO- 14 |

| Herkules HLS 3213 Duo                                                                              | Part-no.          |
|----------------------------------------------------------------------------------------------------|-------------------|
| Pit frame (grids), zinc coated                                                                     | 300 - 457         |
| Pit frame for floorgrid, front end closed, zinc coated                                             | 300 - 476         |
| Pit frame (concrete), zinc coated                                                                  | 300 - 460         |
| Pit frame for concrete, front end closed, zinc coated                                              | 300 - 474         |
| Additional grids for the front end for AirgoMatic 3213, 2 pieces, incl. support angles + fasteners | 300 - 481         |
| Drive over ramps, 2 pieces incl. clamps                                                            | 300 - 465         |
| Extended ramps (800 mm instead of 300 mm), 2 pieces                                                | 300 - 482         |
| Height adjustable support platform, zinc coated                                                    | 300 - 484         |
| Surcharge for zinc coated lower frame                                                              | SVZ - 01          |
| Wheel stands to convert into HLS 3213-11                                                           | AS - HLS3213 - 11 |
| Wheel stands to convert into HLS 3213-14                                                           | AS - HLS3213 - 14 |

| Herkules AirgoMatic Pro 3513 und AirgoMatic Pro 3513 DUO                                               | Part-no.  |
|--------------------------------------------------------------------------------------------------------|-----------|
| Additional grids for the front end for AirgoMatic Pro 3513, 2 pieces, incl. support angles + fasteners | 3000-1000 |
| Pit frame (grids), zinc coated                                                                         | 3000-1001 |
| Pit frame for floorgrid, front end closed, zinc coated                                                 | 3000-1002 |
| Pit frame (concrete), zinc coated                                                                      | 3000-1003 |
| Pit frame for concrete, front end closed, zinc coated                                                  | 3000-1004 |
| Drive over ramps, 2 pieces incl. clamps                                                                | 3000-1005 |
| Height adjustable support platform, zinc coated                                                        | 300-484   |
| Stützen für AirgoMatic Pro 3513 DUO                                                                    | 3000-1006 |
| Magnetic rubber block holder                                                                           | 3000-1007 |
| hand valve with CE stop and frame                                                                      | 300-370   |
| Control column, painted, without pneumatics                                                            | STS-S5    |
| Pneumatic for control column CE-Stop, including signal                                                 | 200-483   |
| Hose cover, 1,5 m                                                                                      | 300-078   |
| 90° corner for hose cover                                                                              | 300-140   |
| Hose extension package 3m for Airgo-Matic Pro 3513 DUO, incl. Connector                                | 3000-1008 |
| Hose extension package 5m for Airgo-Matic Pro 3513 DUO, incl. Connector                                | 3000-1009 |
| Set for enforced deflation of air-bellow (only in combination with CE-Stop)                            | 3000-0281 |

## HERKULES AIRGOMATIC 3213 UND HERKULES AIRGOMATIC 3213 DUO FOR TRANSMOBIL

Flexible solution for the workshop

- 3.2 tons lifting capacity
- Flexible usage at different workstations



### HERKULES TRANSMOBIL FOR AIRGOMATIC

| Part.-no. | Lifting capacity | Drive | Remote control |
|-----------|------------------|-------|----------------|
| HLT 06    | 3,2 t            | 24 V  | Yes            |

### HERKULES AIRGOMATIC 3213 AND HERKULES AIRGOMATIC 3213 DUO FOR TRANSMOBIL

| Part.-no.       | Lifting capacity | Air supply | Wheel stand (min./max.) | Lifting time | Lowering time | Weight  | Installation        |
|-----------------|------------------|------------|-------------------------|--------------|---------------|---------|---------------------|
| HLS 3213-17     | 3,2 t            | 8 bar      | 1600/3500 mm            | ca. 25 s*    | ca. 30 s*     | 950 kg  | Transmobil (HLT-06) |
| HLS 3213-DUO-17 | 3,2 t            | 8 bar      | 1600/3500 mm            | ca. 25 s*    | ca. 30 s*     | 1070 kg | Transmobil (HLT-06) |

\* Empty lift

## HERKULES HLS 1200 AND HERKULES HLS 1200 DUO FOR TRANSMOBIL

Agile solution even for small workshops

- 2.5 tons lifting capacity
- Flexible usage at different workstations



### HERKULES TRANSMOBIL FÜR HLS 1200

| Part.-no. | Lifting capacity | Drive | Remote control |
|-----------|------------------|-------|----------------|
| HLT 03    | 2,5 t            | 24 V  | Yes            |

### HERKULES HLS 1200 AND HERKULES HLS 1200 DUO FOR TRANSMOBIL

| Part.-no.       | Lifting capacity | Air supply | Wheel stand (min./max.) | Lifting time | Lowering time | Weight | Installation        |
|-----------------|------------------|------------|-------------------------|--------------|---------------|--------|---------------------|
| HLS 1200-17     | 2,5 t            | 8 bar      | 1500/3000 mm            | ca. 25 s*    | ca. 30 s*     | 800 kg | Transmobil (HLT-03) |
| HLS 1200-DUO-17 | 2,5 t            | 8 bar      | 1500/3000 mm            | ca. 25 s*    | ca. 30 s*     | 850 kg | Transmobil (HLT-03) |

\* Empty lift



## HERKULES TRANSMOBILE

Better workshop utilization - move the vehicles through tight spaces in the workshop safe and easy including E-cars.

Herkules Transmobile creates new working capacity due to a safer and quicker work routine and drastically reduces the work involved in vehicle transportation around the workshop.

The Herkules Transmobile is a mobile unit, which can safely transport the lifts - with or without vehicles - around the workshop. The Transmobile is operated with a remote control and can be used in any workshop with a level surface, even in the spray booth with grid floor

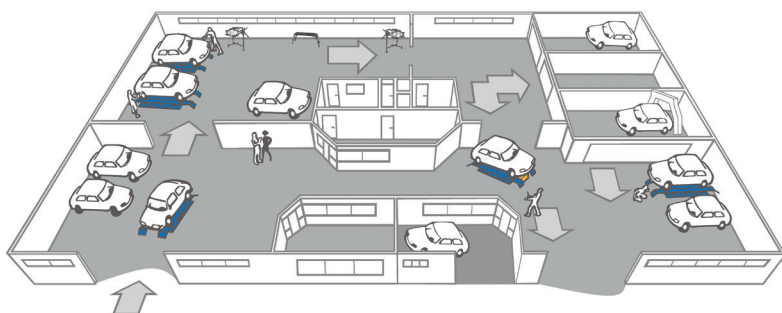


**How does the Transmobile work?**

**To Video...**



- Reduces vehicle transportation times
- Easy transportation of electric vehicles without batteries
- Powerful self-drive with no harmful exhaust gases
- Vehicle stays masked during transportation between workstations



### HERKULES TRANSMOBIL

| Part.-No.           | Lifting capacity | Drive | Remote control |
|---------------------|------------------|-------|----------------|
| HLT 06 <sup>1</sup> | 3,2 t            | 24 V  | Ja             |
| HLT 03 <sup>2</sup> | 2,5 t            | 24 V  | Ja             |

1) Suitable for Herkules 3213 AirgoMatic and 3213 AirgoMatic Duo  
2) Suitable for Herkules HLS 1200 and HLS 1200 Duo

### DIMENSIONS

|                                |              |
|--------------------------------|--------------|
| <b>Height</b> (HLT06/HLT03)    | 456/456 mm   |
| <b>Length</b> (HLT06/HLT03)    | 2600/2319 mm |
| <b>Width</b> (HLT06/HLT03)     | 1488/1450 mm |
| <b>Wheelbase</b> (HLT06/HLT03) | 1919/1583 mm |
| <b>Weight</b> (HLT06/HLT03)    | 680/600 kg   |



## HERKULES PAINTER

Safe passanger lift for all kind of works around the vehicle, suitable in the prep area and spray booth

*Herkules Painter secure a safe standing and ergonomic working position for the painters when working at higher vehicles like trucks or busses.*

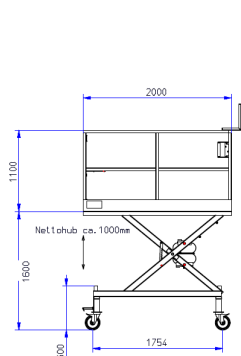
The wheels on the lift make it easy to move around in the workshop. Due to its construction, the lift is excellent for small spaces in the prep area as well as in the spray booths.

On the platform of the lift there are several air supplies as well as storage space for the tools, therefore they are always within reach.

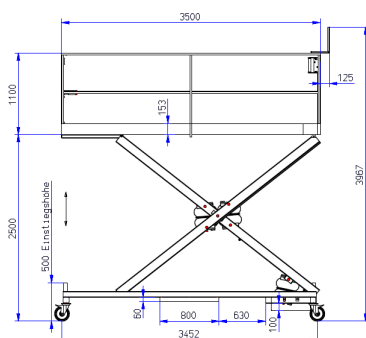
- Smooth lifting and lowering
- Excellent for small spaces
- Safe working position
- Smart tool storage on the platform
- Optional with ATEX certification



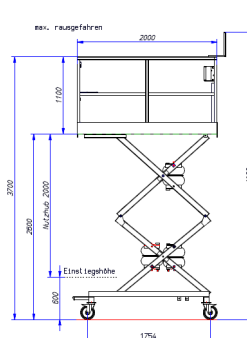
Painter 01



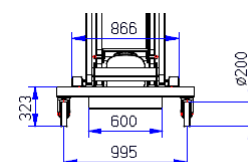
Painter 02 und 05



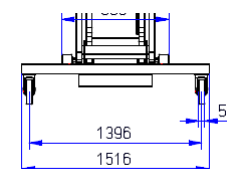
Painter 04



Painter 02



Painter 05



### HERKULES PAINTER

| Part-no.   | Lifting capacity | Air supply | Working height | Platform dimensions | Trolley base |
|------------|------------------|------------|----------------|---------------------|--------------|
| Painter-01 | 150 kg           | 8 bar      | 3,25 m         | 2000x674 mm         | 2060x906 mm  |
| Painter-02 | 150 kg           | 8 bar      | 4,00 m         | 3500x674 mm         | 3677x1116 mm |
| Painter-04 | 150 kg           | 8 bar      | 4,00 m         | 2000x674 mm         | 2153x1200 mm |
| Painter-05 | 250 kg           | 8 bar      | 4,00 m         | 3500x674 mm         | 3677x1525 mm |





## WORKSHOP EQUIPMENTS

Increase the productivity - organize the work in the workshop for a safer and more efficient work process

### HERKULES LACKY TENDER

The perfect carrying and storage system in the workshop

- Cushioned rack for bulks
- Safety fixation with tension belt
- Continuous extractable bearings

#### HERKULES LACKY TENDER

| Part.-no. | Lenght | Width  | Height  | Weight |
|-----------|--------|--------|---------|--------|
| 300-297   | 900 mm | 600 mm | 1900 mm | 41 kg  |



### HERKULES LACKY BUMPER

Safe storage and easy transportation of bulky vehicle parts

- Padded shelves
- Adjustable in many ways
- Easy to rank

#### HERKULES LACKY BUMPER

| Part.-no. | Lenght  | Width  | Height  | Weight |
|-----------|---------|--------|---------|--------|
| 300-399   | 1200 mm | 800 mm | 2000 mm | 28 kg  |



### HERKULES PAINT STAND

Quick and safe painting- and assembly stand for the workshop

- Wide range of adjustments
- Robust but easy to handle
- Extendable

#### HERKULES PAINT STAND

| Part.-no. |
|-----------|
| BL-01     |





## DRESTER WHEEL WASHERS

**Outstanding cleaning performance with low water consumption  
Durable and sustainable solutions**

*A Drester wheel washer is the perfect piece of equipment for levelling up to a truly professional tire handling. The advantages are obvious – clean wheels, satisfied customers and a cleaner shop. Increase the service level and earn more money!*

- Short payback time
- Intelligent heating system
- Gentle & fast cleaning method
- Programmable wash cycles, time controlled heater
- Low water & energy consumption
- Huge time and labours savings
- Improved customer service and increased net savings
- Heat insulating and impact resisting HPE water tank

### GRANULE CLEANING METHOD

The Drester granule cleaning method has the best cleaning performance in the shortest time on the market. Two carefully selected kinds of plastic granules with optimal features clean the tire and rim efficiently yet gentle. Most kinds of rims can be cleaned in a Drester wheel washer.

### EASY TO USE AND ERGONOMIC

The Drester wheel washers are very easy to use, using mainly symbols in the user interface. The advanced software enables editable settings and customized washing programs. In order to save the operator's back and reduce absences due to back problems, the ergonomic Drester wheel washers can be equipped with a patented, integrated lift or a wheel loading system on the fully automatic machine.





## DRESTER GP 24 LE MANS

Advanced and fully automatic wheel washer



- **Payback time from 14 months - washing 8000 wheels/year**
- Load the wheels on a trolley, dock it to the wheel washer and push the start button
- Washes most kinds of alloy and SUV wheels

### DRESTER GP 24 LE MANS

| Compressed air needed  | Air consumption      | Air flow                 | Power supply          | Part.no.              |
|------------------------|----------------------|--------------------------|-----------------------|-----------------------|
| 8-12 bar (120-174 psi) | 400 litre/wash cycle | 1000 litre/min. at 7 bar | 400V, 3~, 50 Hz, 16 A | GP241-AK <sup>3</sup> |

<sup>3</sup>) Incl. in delivery: 2 trolleys, 20 kg (44lbs) of DoublePower Granules, Heater, Granule Basket, CleanRinse, Granule Filter

### WHEEL DIMENSIONS

|                  |                     |
|------------------|---------------------|
| Wheel width      | 135-350 mm (5-14")  |
| Wheel diameter   | 540-800 mm (22-31") |
| Max Wheel Weight | 45 kg (99 lbs)      |

### UNIT DIMENSIONS

|                   |                               |
|-------------------|-------------------------------|
| Measures (WxDxH)  | 1620x1100x1550 mm (64x43x61") |
| Height, open lid  | 2360 mm (93")                 |
| Weight of unit    | 320 kg (704 lbs) <sup>2</sup> |
| Weight of trolley | 56 kg/trolley                 |

<sup>2</sup>) without water or DoublePower

### WATER CONSUMPTION AND TIME

|                                   |                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------|
| Water volume                      | 300 liter                                                                          |
| Water consumption                 | 1 litre/washed wheel                                                               |
| Cleaning time/ wheel <sup>4</sup> | Adjustable settings from 25-155 sec<br>settings when delivered 25, 50, 75, 100 sec |
| Clean rinse                       | 0.3 litre/wheel                                                                    |

<sup>4</sup>) Dry blowing not included

### OPTIONS & ACCESSORIES

|                      |        |
|----------------------|--------|
| Water Cleaning       | 230350 |
| Trolley/Docking unit | 230556 |
| Granule Filter       | 230508 |

### CONSUMABLES

|                       |         |
|-----------------------|---------|
| Double power granules | 230794  |
| Hose Filter           | R12038  |
| Basket Filter         | R12037  |
| Flocculation Powder   | R12076  |
| Detergent BIO 291     | BIO-291 |



**DRESTER GP 12 SILVERSTONE**

Premium wheel washer with outstanding cleaning performance

- Dynamic flush pipe for fast and efficient cleaning
- **Payback time from 13 months - washing 4000 wheels/year**
- Good for cleaning high polished alloy rims, big tires

**DRESTER GP 12 SILVERSTONE**

| Compressed air needed  | Air consumption      | Air flow                 | Power supply          | Part.no.    |
|------------------------|----------------------|--------------------------|-----------------------|-------------|
| 8-12 bar (120-174 psi) | 400 litre/wash cycle | 1000 litre/min. at 7 bar | 400V, 3~, 50 Hz, 16 A | WD12304-AD1 |

<sup>3)</sup> Incl. in delivery: 1 rubber mat, 20 kg (44 lbs) of DoublePower Granules, Heater, Granule Basket

**WHEEL DIMENSIONS**

|                  |                     |
|------------------|---------------------|
| Wheel width      | 145-360 mm (6-15")  |
| Wheel diameter   | 540-860 mm (22-34") |
| Max Wheel Weight | 60 kg (132 lbs)     |

**UNIT DIMENSIONS**

|                     |                               |
|---------------------|-------------------------------|
| Measures (WxDxH)    | 1081x1201x1489 mm (43x47x59") |
| with QuickLift      | 1153x1226x1489 mm (45x48x59") |
| Weight of unit      | 240 kg (530 lbs) <sup>2</sup> |
| Weight of QuickLift | 26 kg (60 lbs)                |

<sup>2)</sup> Without water or DoublePower

**OPTIONS & ACCESSORIES GP10 & GP12**

|                |        |
|----------------|--------|
| Water Cleaning | 230350 |
| Clean Rinse    | 230357 |
| Quick Lift     | 230315 |
| Granule Filter | 230508 |

**WATER CONSUMPTION AND TIME**

|                                   |                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------|
| Water volume                      | 310 liter                                                                       |
| Water consumption                 | 1 litre/washed wheel                                                            |
| Cleaning time/ wheel <sup>4</sup> | Adjustable settings from 25-155 sec settings when delivered 25, 50, 75, 100 sec |
| Clean rinse                       | 0.3 litre/wheel                                                                 |

<sup>4)</sup> Dry blowing not included

**DRESTER GP 10 MONZA**

Efficient wheel washer with fantastic cleaning performance

- Fixed flush pipes for rational and efficient cleaning
- **Payback time from 10 months - washing 4000 wheels/year**
- Suitable for standard tires

**DRESTER GP 10 MONZA**

| Compressed air needed  | Air consumption      | Air flow                 | Power supply          | Part.no.    |
|------------------------|----------------------|--------------------------|-----------------------|-------------|
| 8-12 bar (120-174 psi) | 400 litre/wash cycle | 1000 litre/min. at 7 bar | 400V, 3~, 50 Hz, 16 A | WD10302-AD1 |

<sup>3)</sup> Incl. in delivery: 1 rubber mat, 20 kg (44 lbs) of DoublePower Granules, Heater, Granule Basket

**WHEEL DIMENSIONS**

|                  |                     |
|------------------|---------------------|
| Wheel width      | 145-360 mm (6-15")  |
| Wheel diameter   | 540-860 mm (22-34") |
| Max Wheel Weight | 60 kg (132 lbs)     |

**UNIT DIMENSIONS**

|                     |                               |
|---------------------|-------------------------------|
| Measures (WxDxH)    | 1081x1201x1489 mm (43x47x59") |
| with QuickLift      | 1153x1226x1489 mm (45x48x59") |
| Weight of unit      | 230 kg (510 lbs) <sup>2</sup> |
| Weight of QuickLift | 26 kg (60 lbs)                |

<sup>2)</sup> Without water or DoublePower

**WATER CONSUMPTION AND TIME**

|                                   |                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------|
| Water volume                      | 310 liter                                                                       |
| Water consumption                 | 1 litre/washed wheel                                                            |
| Cleaning time/ wheel <sup>4</sup> | Adjustable settings from 25-155 sec settings when delivered 30, 60, 90, 120 sec |
| Clean rinse                       | 0.3 litre/wheel                                                                 |

<sup>4)</sup> Dry blowing not included



## DRESTER W-450 POWERWASH

Compact and powerful wheel washer for every workshop

- Fixed nozzle flush pipes
- **Payback time from 16 months - washing 2000 wheels/year**
- Cleaning of all kinds of wheels



### WHEEL DIMENSIONS

|                  |                     |
|------------------|---------------------|
| Wheel width      | 135-305 mm (5-12")  |
| Wheel diameter   | 560-800 mm (22-31") |
| Max Wheel Weight | 45 kg (99 lbs)      |

### DRESTER W-450 POWERWASH

| Compressed air needed  | Air consumption      | Air flow                 | Power supply                                         | Part.no.  |
|------------------------|----------------------|--------------------------|------------------------------------------------------|-----------|
| 8-12 bar (120-174 psi) | 400 litre/wash cycle | 1000 litre/min. at 7 bar | 400V, 3~, 50 Hz, 16 A<br>230V, 3~, 50 or 60 Hz, 32 A | W-450-1AD |

<sup>3)</sup> Incl. in delivery: 1 rubber mat, 20 kg (44 lbs) of DoublePower Granules, Heater, Granule Basket

### UNIT DIMENSIONS

|                  |                                 |
|------------------|---------------------------------|
| Measures (WxDxH) | 1140x1005x1450 mm (45x39.5x57") |
| Weight of unit   | 220 kg (704 lbs) <sup>2)</sup>  |

<sup>2)</sup> Without water or DoublePower

### WATER CONSUMPTION AND TIME

|                                    |                      |
|------------------------------------|----------------------|
| Water volume                       | 210 liter            |
| Water consumption                  | 1 litre/washed wheel |
| Cleaning time/ wheel <sup>4)</sup> | 30, 60, 90, 120 sec  |

<sup>4)</sup> Dry blowing not included

### OPTIONS & ACCESSORIES W-450

|                |        |
|----------------|--------|
| Water Cleaning | 230812 |
| Clean Rinse    | 14830  |
| Granule Filter | 230508 |

## DRESTER WHEEL WASHERS BY HEDSON

Standard features and equipment

|                                       | GP24 | GP12 | GP10 | W-450 |
|---------------------------------------|------|------|------|-------|
| Intelligent Heater                    | •    | •    | •    |       |
| Immersion Heater                      |      |      |      | •     |
| Granule Filter                        | •    |      |      |       |
| Granule Basket                        | •    | •    | •    | •     |
| Rubber mat                            |      | •    | •    | •     |
| Clean Rinse                           | •    |      |      |       |
| Phase recognition                     | •    | •    | •    |       |
| Auto Start                            |      | •    | •    |       |
| Adjustable washing programs           | •    | •    | •    |       |
| Trolleys/Docking Unit                 | •    |      |      |       |
| Quicklift (option)                    |      | •    | •    |       |
| Double Power Granules (20 kg, 44 lbs) | •    | •    | •    | •     |
| Prepared for water cleaning           | •    | •    | •    | •     |



## DRESTER GP FILTER eQ

**Integrated water purification system. Reduces 50% of water consumption and filters up to 97% of all particles. Cost saving and easy to handle.**

With the GP Filter eQ filtration unit, it is possible to wash up to 5000 wheels without changing the water while remaining a low water consumption per washed wheel. The efficiency and the work-flow in the shop are improved and the handling is made easier. The Drester GP Filter eQ filtration unit is fully integrated with the software of the Drester wheel washers (the GP and W-750 models), which ensures an easy, user-friendly and reliable cleaning method. The GP Filter eQ water purification method fulfills authority demands for a proper waste water treatment.

Clean wheels with a clean conscience!



### ARTICLES IN FILTER VERSIONS

|                                 |        |
|---------------------------------|--------|
| Clean Rinse Retrofit (GP10, 12) | 230357 |
| Clean Rinse Kit (W-450)         | 13630  |
| GP24 Kit eQ                     | 231142 |
| W750 Kit eQ                     | 231213 |

### CONSUMABLES

|                         |        |
|-------------------------|--------|
| Floculation Powder, 5kg | R12076 |
| Filter Bags eQ, 15 pcs  | 231210 |

### ACCESSORIES

|                                   |        |
|-----------------------------------|--------|
| Filter Drain Hose Extension 5m eQ | 231141 |
| WW Drain Hose Extension 5m eQ     | 13630  |
| Drain Box eQ                      | 231143 |
| Retrofit / Transfer Kit eQ        | 231140 |

### WASTE WATER CLEANING CYCLE

1. Wastewater is pumped from the wheel washer to the filter unit.
2. Inside the filter unit, a flocculating and filtering process separates the waste sludge from the water.
3. Ultimately purified water is directed to a drain.

### DIMENSIONS

|        |         |
|--------|---------|
| Height | 1884 mm |
| Width  | 700 mm  |
| Depth  | 597 mm  |
| Weight | 85 kg   |

### DRESTER GP FILTER eQ

| Compressed air needed  | Air consumption     | Air flow                 | Power supply | Works with                                 | Part.no.          |
|------------------------|---------------------|--------------------------|--------------|--------------------------------------------|-------------------|
| 8-12 bar (120-174 psi) | 50 litre/wash cycle | 1000 litre/min. at 7 bar | 230V, 10 A   | Drester GP 10/12/24 and W-750 <sup>1</sup> | 231000 / 231000-T |

<sup>1)</sup> The wheel washer must be equipped with clean rinse to work with the filter unit. Clean Rinse can be retrofitted. BIO-291 detergent can not be used with Hedsons GP Filter eQ. No other detergents may be used in Drester wheel washers.

<sup>2)</sup> Incl. in delivery: 5 m Drain Hose, 5 m Water Hose, 5 kg Floculation Powder, 15 pcs Filter Bags

## WE ARE HERE FOR YOU!

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