





# **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

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



## 1974

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



## 1978

- Spray gun cleaners
- Durable pumps For water
   For solvent
   Combi systems
- Wheel Washers

   Durable pumps
   Smart user interface
- Integrated recycling





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



NUMBER AN



DRESTER

## **CURING EQUIPMENT**

IRT IR and UV-A curing.

## **MIXING ROOM EQUIPMENT**

Drester spray gun cleaners and other equipment for the mixing room.

## LIFTING EQUIPMENT

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## TIRE SHOP EQUIPMENT

Drester wheel washers for the tireshop.

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## **CURING EQUIPMENT**





## **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 50+ 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.

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#### UV-A CURING, DRY IN SECONDS

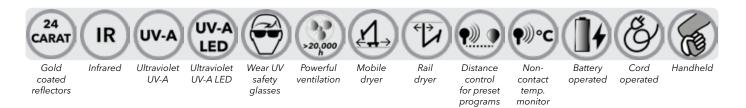
IRT UV-A dryers have an outstanding intensity, developed in cooperation with market leading paint manufacturers.

PAGE 12

#### **IF YOU WANT IT ALL**

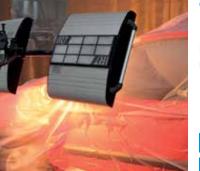
The combination of IR and UV-A curing makes our IRT COMBI range unique.

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## CURING EQUIPMENT / MODELS





## 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

#### PAGE 6



## **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. Battery operated and handheld UV-A LED models and UV-A high efficiency pressure lamp 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** 

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## **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

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#### PAGE 12

## CURING EQUIPMENT / INFRARED (IR)





## **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.

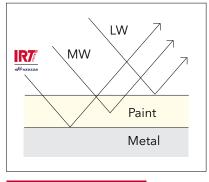
- Efficient use of energy
- Short drying times
- Large curing area
- High quality curing results



#### **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 shore Times above apply to the PcAuto Add a minute or two for other mo	range.



#### SIMPLIFIED DIAGRAM

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





## IRT 1

IRT 1 PREPCUR HANDHELD

Part no. 800429

800624

800431

800432

800428

800524

STAND FOR IRT Part no. 800460 800598

### Use handheld or attach to a stand (optional), for minor paint and panel work

- One lamp output power 1 kW
- Gold coated reflector
- Best curii

5			m the surface	DIMENSIONS	
					418x196x66 mm
				Handheld weight	1,8 kg
				Stand (HxW)	1450x350 mm
				Stand weight	10 kg
				Curing area*	0,17 m <sup>2</sup>
PCURE, D				* Curing area at a distance o	
Current	Output power	Fuse	Voltage		Frequency
4 A	1 kW	10 A	230V, 1 PH, EU		50-60 Hz
4 A	1 kW	10 A	230V, 1 PH, UK (UK p	olug)	50-60 Hz
4 A	1 kW	10 A	230V, 1 PH, AUS & A	.RG type 1	50-60 Hz
9 A	1 kW	15 A	100V, 1 PH, JP		50-60 Hz
9 A	1 kW	15 A	110V, 1 PH, NA (not	ETL)	50-60 Hz
9 A	1 kW	15 A	110V, 1 PH, NA ETL	(fixed on stand - no timer	) 50-60 Hz
R IRT 1					
	Voltage				
	230V, 1PH	H, EU	Stand with timer		
	-		Stand without timer		



## IRT 2

IRT 2 PREPCURE, HANDHELD

## Use handheld or attach to a stand (optional), for minor paint and panel work

- Two lamps output power 2 kW
- Gold coated reflectors
- Best curing at 40-60 cm from the surface

DIMENSIONS	
Handheld (LxHxD)	411x206x147 mm
Handheld weight	2,8 kg
Stand (HxW)	1450x350 mm
Stand weight	10 kg
Curing area*	0,44 m <sup>2</sup>
* Curing area at a distan	ce of 60 cm
	Frequency

Part no.	Current	Output power	Fuse	Voltage	Frequency
800433	9 A	2 kW	13 A	230V, 1 PH, EU	50-60 Hz
800625	9 A	2 kW	13 A	230V, 1 PH, UK (UK plug)	50-60 Hz
800472	9 A	2 kW	13 A	230V, 1 PH, AUS & ARG type 1	50-60 Hz
800434	9 A	2 kW	15 A	240V, 1 PH, NA ETL (fixed on stand - no timer)	50-60 Hz

STAND FOR IRT 2		
Part no.	Voltage	
800460	230V, 1PH, EU	Stand with timer
800598	-	Stand without timer

## MOBILE DRYERS / IR





### IRT 3

### Dryer adjustable in vertical position

- One cassette with 3 IR lamps
- Digital timers flash off/full bake 30 + 30 minutes
- Settings will remain after power off

DIMENSIONS	
Stand height	1531 mm
Cassette vertical range (height)	88-1300 mm
Width	694 mm
Weight	23 kg
Curing area*	1,0 x 1,1 m

IRT 3 PRE	PCURE			<ul> <li>Curing area at a distance of 6</li> </ul>	V cm, on black sheet metal
Part no.	Current	Output power	Fuse	Voltage	Frequency
800610	13 A	3 kW	16 A	230V, 1 PH, EU	50-60 Hz
800473	13 A	3 kW	13 A	230V, 1 PH, UK (UK plug)	50-60 Hz
800474	13 A	3 kW	16 A	230V, 1 PH, AUS & ARG type 1	50-60 Hz
800612	13 A	3 kW	20 A	230V, 1 PH, NA ETL	50-60 Hz



## IRT 4

### Dryer adjustable in both vertical and horizontal positions

- One cassette with 3 IR lamps, max height 2150 mm
- Digital timers flash off/full bake 30 + 30 minutes
- Settings will remain after power off

				DIMENSIO	NS	
				Stand heigh	t	1574 mm
				Cassette ver	tical range (height)	160-2150 mm
				Width		1188 mm
				Weight		46 kg
				Curing area*	r	1,0 x 1,1 m
IRT 4 PRE	PCURE			* Curing area a	t a distance of 60 cm, o	n black sheet meta
<i>IRT 4 PRE</i> Part no.	PCURE Current	Output power	Fuse	* Curing area a Voltage	t a distance of 60 cm, o	n black sheet meta Frequency
Part no.		Output power 3 kW	<b>Fuse</b> 16 A		t a distance of 60 cm, o	
<b>IRT 4 PRE</b> <b>Part no.</b> 800611 800443	Current			Voltage		Frequency
<b>Part no.</b> 800611	Current 13 A	3 kW	16 A	Voltage 230V, 1 PH, EU	g)	<b>Frequency</b> 50-60 Hz





## IRT 3-1

## Standard dryer with process control

- One cassette with 3 IR lamps
- Computerized curing process, 12 preset and 3 custom programs
- Electronic distance sensor signals correct distance to curing surface

				DIMENSIONS	
				Stand height	1435 mm
				Cassette vertical range (height)	80-2550 mm
				Width	1230 mm
				Weight	53 kg
				Curing area*	1,0 x 1,1 m
IRT 3-1 PC	D			* Curing area at a distance of 60 cm, on	black sheet metal
Part no.	Current	Output power	Fuse	Voltage	Part no.
800450	4 A	3 kW	10 A	400V, 3 PH, 4-pin, EU	50-60 Hz
800451	4 A	3 kW	10 A	400V, 3 PH, 5-pin, EU	50-60 Hz
800447	8 A	3 kW	10 A	230V, 3 PH, EU	50-60 Hz
800483	4 A	3 kW	10 A	400V, 3 PH, AUS	50-60 Hz
800467	13 A	3 kW	20 A	230V, 1 PH, NA ETL	50-60 Hz



## IRT 3-2

### Efficient curing for all types of paint materials

- Two cassettes each with 3 IR lamps
- Computerized curing process, 12 preset and 3 custom programs
- Electronic distance sensor signals correct distance to curing surface

				DIMENSIONS	
				Stand height	1435 mm
			Cassette vertical range (height)	80-2550 mm	
				Width	1230 mm
				Weight	62 kg
				Curing area*	2,0 x 1,1 m
IRT 3-2 PC	CD			* Curing area at a distance of 60 cm, on	black sheet meta
Part no.	Current	Output power	Fuse	Voltage	Frequency
800453	9 A	6 kW	16 A	400V, 3 PH, 4-pin, EU	50-60 Hz
800454	9 A	6 kW	16 A	400V, 3 PH, 5-pin, EU	50-60 Hz
800459	15 A	6 kW	16 A	230V, 3 PH, EU	50-60 Hz
800455	9 A	6 kW	16 A	400V, 3 PH, AUS	50-60 Hz
800484	15 A	6 kW	16 A	200V, 3 PH, 4P, JP	50-60 Hz
800458	26 A	6 kW	30 A	230V, 1 PH, NA ETL	50-60 Hz

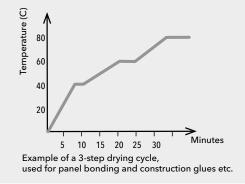






#### ADVANCED AUTOMATIC DISTANCE AND TEMPERATURE CONTROL:

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.





## **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





IRT 4-1 F	PCAUTO					IRT 4-2 P	CAUTO				
Part no.	Current	Output power	Fuse	Voltage	Frequency	Part no.	Current	Output power	Fuse	Voltage	Frequency
800423	9 A	6 kW	10 A	400V, 3 PH, 4-pin, EU	50-60 Hz	800418	16 A	12 kW	16 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	800400	16 A	12 kW	16 A	400V, 3 PH, 5-pin, EU	50-60 Hz
800421	15 A	6 kW	16 A	230V, 3 PH, EU	50-60 Hz	800413	30 A	12 kW	32 A	230V, 3 PH, EU	50-60 Hz
800426	9 A	6 kW	10 A	400V, 3 PH, AUS	50-60 Hz	800415	30 A	12 kW	32 A	200V, 3 PH, 4P, JP	50-60 Hz
800485	15 A	6 kW	16 A	200V, 3 PH, 4P, JP	50-60 Hz	800417	16 A	12 kW	16 A	400V, 3 PH, AUS	50-60 Hz
800422	26 A	6 kW	30 A	230V, 1 PH, NA ETL	50-60 Hz	800411	48 A	12 kW	50 A	230V, 1 PH, NA ETL	50-60 Hz
800468	15 A	6 kW	16 A	230V, 3 PH, NA ETL	50-60 Hz	800414	30 A	12 kW	30 A	230V, 3 PH, NA ETL	50-60 Hz
800427	9 A	6 kW	10 A	400V, 3 PH, AUS	50-60 Hz	800419	16 A	12 kW	20 A	440-480V, 3 PH, NA ETL	50-60 Hz
800613	13 A	6 kW	20 A	440-480V, 2PH, 3P, NA ETL	50-60 Hz	800614	26 A	12 kW	30 A	440-480V, 2 PH, NA ETL	50-60 Hz

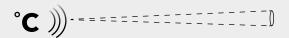






#### PCAUTO:

Place 60 cm from curing surface. Laser circle sample area is  $\emptyset$  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  $\emptyset$  3-4 cm (pyrometer ratio1:15). The pyrometer determines an average temperature reading in this area.



## **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 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.





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

#### HANDHELD MODELS, 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,

**UV-A PRESSURE 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. Ozon-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

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

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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		<u> </u>
	and the second second	BU

## **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	

IRI 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

65 kg 1,0 m ency Hz	8	8	0	T
Hz Hz				
				<b>B</b>
	Stand height	1448 mm		
ncy	Cassette vertical range (height)	35-2200 mm		

1224 mm

1,8 x 1,0 m

81 kg

Width

Weight

Curing area\*

\* 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.

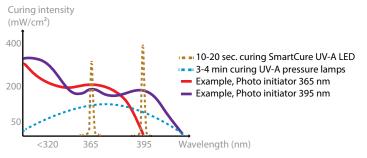
#### WHY THIRD PARTY INSPECTION?

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.



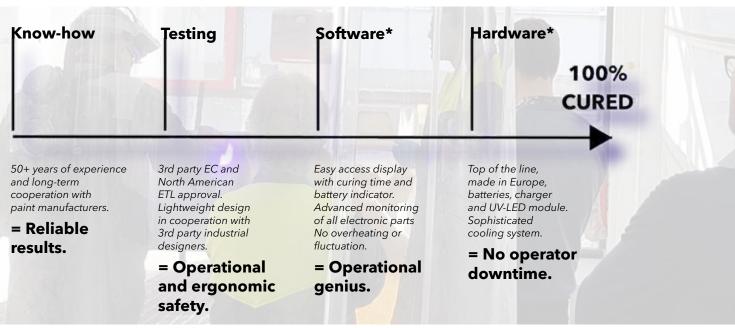
SmartCure is available in wavelength alternatives 365/395 nm, based on paint manufacturer requests. It is prepared for future adaptions and can be retrofitted from 395 nm to 365 nm.



## **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.



\*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.





## IRT UV SMARTCURE 200 W UV-A LED battery operated 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  $\mu$ m, Ø 160 mm is cured in appr 10 sec. (Peak light intensity >350 mW/cm<sup>2</sup>, average >250 mW/m<sup>2</sup>).

## HAND HELD DRYERS / UV-LED





WALL BRACKET Magnetic wall bracket, included as standard.



**DUST COVER** Optional protective dust cover with magnets, art no 715193.



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

IRT dam



HARD CASE Optional heavy-duty case, art no 800806.



DISPLAY GUIDES THE WAY All fillers, primers and clear coats have different curing cycles.



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



LOW MAINTENANCE Replaceable filter protects electronics inside, art nr 715074.

		Weight, IRT	Weight, IRT UV SmartCure + 1 battery					
		Dimensions, IRT UV SmartCure + 1 battery (WxHxD)				9x250x88 mm		
IRT UV SN	IARTCURE							
Part no.	Article	Current, SmartCure / Charger	Power	Voltage (Battery charger)	Risk Group EN 62471	Frequency		
715070	SmartCure 395 nm	8A/2A	200 W	100-240 V	(RG-3)	50-60 Hz		
715365	SmartCure 365 nm	8A/2A	200 W	100-240 V	(RG-3)	50-60 Hz		

DETAILS

Battery type

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

18 V Lithium-ion



## **IRT UV SPOTCURE** 400 W UV-A LED flexibility

IRT UV SpotCure is a robust, easy-to-use, UV-LED curing unit designed for many hours of high efficiency curing. High-intensity, handheld flexibility.

Low energy consumption and a long LED life time keeps the cost per curing job very low. With built-in fans, the UV-A LED's and internal components are kept cool, reducing the risk of overheating the units.

This extends the lifetime of the lamps to beyond 20,000 hours, with a minimal loss of curing power over that time.

- High intensity curing with 400 W power
- Powerful ventilation, long life, low maintenance
- Retrofit your UV SpotCure with a stand
- Add an optional timer to your stand

#### **ULTIMATE CURING GUIDE**

To obtain peak performance, work at appr 100 mm from surface. @ filler/primer thickness 80-120 µm: Ø 200 mm is cured in appr 20 sec. (Peak light intensity >120 mW/cm<sup>2</sup>, average  $>70 \text{ mW/m}^2$ ).

> **SPOTCURE** Magnetic bracket for flexible handheld curing. Retrofits to stand, if requested.





## HAND HELD DRYERS / UV-LED





**1-2. SPOTCURE ON STAND (OPTIONAL)** Combined fixed/handheld curing. With the optional stand, SpotCure handles larger curing areas. Add a timer for precision.





IRT UV SPOTCURE							DIMENSIONS	
Part no.	Current	Output	Fuse	Voltage	Risk group	Frequency	Handheld (WxHxD)	147x195x160 mm
		power		g-	EN62471	,	Handheld weight	1,56 kg
800805 Stand							Bracket (WxHxD)	245x370x270 mm
712821 Timer for stand	(not for 8008	02, NA)	10 A	220-240V, 1 PH, EU		50 Hz	Bracket weight	5,54 kg
750746 SpotCure	1.7 A	400 W	10 A	220-240V, 1 PH, EU	3 (RG-3)	50-60 Hz	Stand (WxHxD)	450x1450x600 mm
800801 SpotCure	1.7 A	400 W	10 A	220-240V, 1 PH, UK	3 (RG-3)	50-60 Hz	Stand weight	13 kg
800802 SpotCure	4.0 A	450 W	15 A	110-130V, 1 PH, NA	3 (RG-3)	50-60 Hz	Cord length	8 m

UV Safety glasses included in delivery. Ambient temp max 40° C.

## CURING EQUIPMENT / COMBI IR & UV-A





## **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.

## MOBILE DRYERS / COMBI IR & UV-A





### 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

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

IRT COMBI 4-1 IR-UVA

Part no.	Power	Fuse	Current	Voltage	Frequency
800605	IR: 6 kW UVA: 1,2 kW	10 A	IR: 9 A 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

			DIMENSIO	INS	
		-	Stand heigh	ıt	1450 mm
			Cassette ver	rtical range (height)	80-2240 mm
			Width		1230 mm
			Weight		85 kg
			Curing area - IR*		2,2 x 1,5 m
			- UV-A**		1,8 x1,0 m
IRT COM	BI 4-2 IR-UVA		Curing area * At a distanc	at a distance of 60 cm, c e of 55 cm	on black sheet me
Part no.	Power	Fuse	Current	Voltage	Frequency
800606	IR: 12 kW UVA: 2,4 kW	16 A	IR: 16 A 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

Fuse

Max 100 A

Current

IR: 9 A

UVA: 3 A

Voltage

380-420V, 3 Ph/PE

Frequency

50-60 Hz

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 40 am	n black ob a at matal

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

## **IRT 4-20 IR-UVA**

IRT COMBI 4-10 IR-UVA

Power

IR: 6 kW

UVA: 1,2 kW

Part. no.

800618

#### 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 x1,0 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 UVA: 2,4 kW	Max 100 A	IR: 16 A UVA: 6 A	380-420V, 3 Ph/PE	50-60 Hz





## **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.



WORKSHOP CUSTOMIZATION Please contact your local retailer or IRT sales contact for assistance with

customization for your workshop.

**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



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.



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

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 P	CD				
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

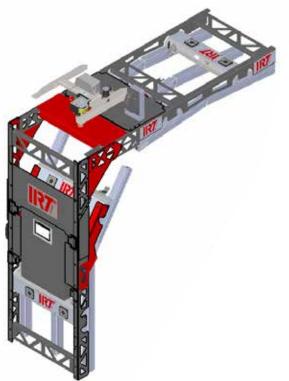
## DIMENSIONS

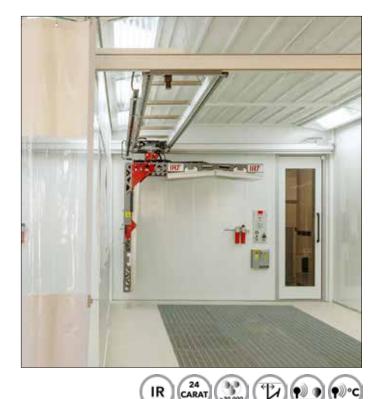
Installation height	2250-3150 mm			
Cassette vertical range (height)	140-2500 mm			
Weight	60 kg			
Curing area*	2,2 x 1,5 m			
+ O 1				

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

## ARCH DRYERS / FLEXICURE IR







## **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

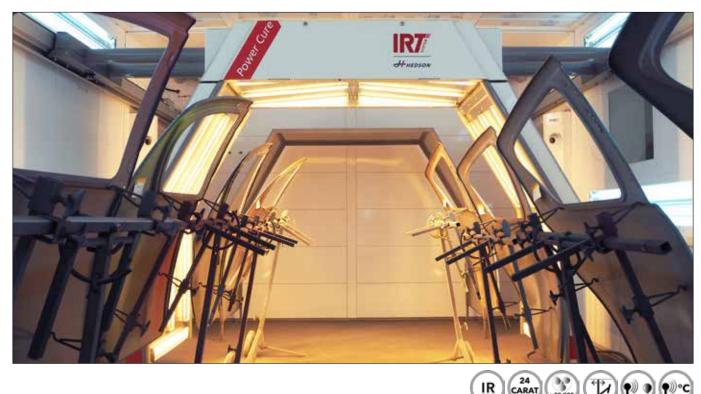
Please contact your local retailer or IRT sales contact for assistance with customization for your workshop.

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 ~3Ph/PE ± 5%	50-60 Hz	55 A	65 A	$\leq$ 70 dB (A) at 1 m	≤ 70 dB (A) at 1 m	Max. 170°C	Max. 40°C	150 kg



## ARCH DRYERS / POWERCURE IR





## **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 exisiting 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

Please contact your local retailer or IRT sales contact for assistance with customization for your workshop.
e Part no.
3Ph ~/PE 800410* IRT PowerCure Single
800490* IRT PowerCure Double
'

#### **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			



## **IRT IR DRYERS**

## **Basic features**

	IRT 1 Prep- Cure	IRT 2 Prep- Cure	IRT 3 Prep- Cure	IRT 4 Prep- Cure	IRT 3-1 PcD	IRT 3-2 PcD	IRT 4-1 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				•	•	•	•	•
Electronic distance sensor					•	•	•	•
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	UVA	UVA	IR/ UVA	IR/ UVA		
	1-3	1-4	2-4	4-1	4-2	SpotCure	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						•	•
Battery operated							•
UV-A wavelength 395 nm						•	•
UV-A wavelength 365 nm						•**	•
High efficiency UV-A pressure lamp	•	•	•	•	•		
UV-A wavelenghts 315-395 nm	•	•	•	•	•		
Cures water/solvent based products				•	•		
Programs for plastic/metal/water/solvent				•	•		
Computerized curing process				•	•		

\* The range of paint absorption must match the wavelength of irradiated light. \*\* UV-LED for 365 nm available shortly.

# R

# **SPARE PARTS**

IRT UVA SpotCure	
· · · · · · · · · · · · · · · · · · ·	Art. no.
UV/IR Protective glasses	129070
Stand for SpotCure	800805
Timer for SpotCure stand (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

IPT 19.2 Prop Curr	
IRT 1& 2 PrepCure	Art. no.
IR Lamp 360, 1kW, 230V	102700 712393
Lamp holder LRU3 (M5x16) w. washer	410009
Knob (wing) male M8, for stand Timer EU 1 PH + PE, for stand	
	180508
IRT 3 & 4 PrepCure	Art. no.
IR Lamp 360, 1kW, 230V	102700
Lamp holder LRU3 (M5x16) w. washer	712393
Fan 12V DC 92x92 mm	711186
Filter cassette assembly w. nylon plugs	713576
Gas spring 800 N - IRT4 PrepCure	713776
Main switch	420771
Keyboard PrepCure	750496
PCB (Printed Circuit Board) PrepCure	750481
Wheel kit, h=100mm, w=32mm	412364
Solid state relay cpl	126313
Adj bolt with with Nut M12*1,5	120295
IRT 3-X PcD	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 850 N - PcD (one cassette)	714060
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
Distance sensor kit 3-1, 3-10 PcD	713737
Distance sensor kit 3-2, 3-20 PcD	713957
PCB (Printed Circuit Board) IRT 3-1 PcD	714012
PCB (Printed Circuit Board) IRT 3-2 PcD	714013
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
•	





## **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
- Approved by major spray gun suppliers

#### 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.

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#### **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.

PAGE 29



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

PAGE 32



## DRESTER





#### Superior gun cleaners to fit all the needs in the workshop

The Drester Boxer series are equipped with a Auto box - a compact, effective and flexible washing compartment - with integrated fluid channels, which makes less-cluttered space. The power of the pump results in more efficient cleaning, meaning that less cleaning solvents are needed per spray gun. The Auto box is located at the back of the unit, allowing a spacious manual washing sink at the front.

A magnetic gun holder pulls the trigger to open the paint channel and fixates a gun in seconds, in one simple step. It fixates the spray gun in a position where the gun's air channels are protected, facing downwards, so there is no risk of solvent entering the air channels.

EQUIPPED WITH SMART AUTO-BOX

PATENTED MAGNETIC GUN HOLDER

**3 YEARS WARRANTY ON PUMPS** 

FOOT-OPERATED PUMPS FOR HANDS-FREE OPERATION



## 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 X-SERIES

### Reliable and sustainable spray gun cleaners with excellent cleaning performance

The robust Drester X-series by Hedson are aimed towards workshops and industries with a heavy work load, designed with a welded stainless platform to ensure durable sustainability and a long life. They are designed with a welded stainless platform and washes all types of guns. Includes a compressed air dryer. Chose between manual, automatic or double compartments.

**3 YEARS WARRANTY ON PUMPS** 

ROBUST AND SUSTAINABLE FOR HEAVY WORK LOAD

ADJUSTABLE WASH CYCLE, 1-4 MIN

SPRAY GUN STORAGE, UP TO 7 GUN STORAGE





## DRESTER BOXER AQUA

Compact size spray gun cleaner with two working stations

- Automatic and manual cleaning
- Built in filtration and flocculation to reduce waste cost
- Flow-through brush, which is fed with recycled water



		DIMENSIONS	
		Height	1510 mm (59.5")
	Width	835 mm (33.0")	
	Max depth	650 mm (25.5")	
		Depth at the floor	610 mm (24.0")
lutomatic	Water-borne	Weight	65 kg (140 lb)
Extract	tor diamete	r Part.no.	

Part.no. DB22A (Blue) DI22A (Stainless steel)

DIMENSIONS

1000

(40//)

.. . . .



## **DRESTER CLASSIC 1000**

Compressed air needed Extraction capacity

DRESTER BOXER AQUA

250 l/min (9 cfm)

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

7-12 bar (110-180 psi) 140 m<sup>3</sup>/h / 82 cfm (15 m extension) 80 mm (3.15")

180 m<sup>3</sup>/h / 106 cfm (5 m extension)

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

			Height	1220 mm (48")
			Diameter	Ø 590 mm (23")
DRESTER 1000		Manual Water-borne	Weight	24 kg
Compressed air needed	Flow through brush	Liquid volume of mach	nine Part.r	10.
5-12 bar (80-180 psi) 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 s

the spray gun pair			DIMENS	IONS		
and opicity gain pain				Height		1050 mm (41")
				Diameter	ç	ð 590 mm (23")
DRESTER 1050		Manual	Water-borne	Weight		21 kg
Compressed air needed	Flow through brush	Liquid volu	ime of mac	hine	Part.no.	
5-12 bar (80-180 psi) 100 l/min (4 cfm)	1,5-2 l/min	35 l / 10 ga	llons		1050	



## DRESTER

## DRESTER BOXER DOUBLE SOLVENT

### Compact size spray gun cleaner with two working stations

500 m<sup>3</sup>/h (310 cfm)

- Automatic cleaning with re-circulating solvent
- Equipped with a patented Auto box

DRESTER BOXER DOUBLE SOLVENT

DRESTER BOXER QUATTRO SOLVENT

7-12 bar (110-180 psi) 150 l/min

Compressed air needed

(6 cfm) (450 l/min (16 cfm) with DRESTER AIRVENT 11660)

Compressed air needed

7-12 bar (110-180 psi)

150 l/min (6 cfm)

Flow-through brush fed with re-circulation solvent

5585

## DRESTER BOXER QUATTRO SOLVENT

### Full-size spray gun cleaner with four working stations

800 m3/h (500 cfm)

- Working stations can be used simultaneously
- Equipped with a patented Auto box
- Foot-operated pumps for hands-free operatio

used simultaneously	DIMENCIONIC	
ed Auto box	DIMENSIONS Height	1510 mm
or hands-free operation	5	1185 mm
	Max depth	650 mm
(🔌) (🐴) (🍆)	Depth at the floor	610 mm
Manual Automatic Solvent	Weight	105 kg
Ventilation capacity required Ex	tractor diameter P	art.no.

DB44S (Blue)

DI44S

DIMENSIONS

1510 mm (59.5")

835 mm (33.0")

650 mm (25.5")

75 kg (165 lb)

Depth at the floor 610 mm (24.0")

DB22S (Blue) DI22S (Stainless steel)

Height

Width

Weight

Caluant

125 mm(5'')

Ventilation capacity required Extractor diameter Part.no.

125 mm (5")

Max depth



## DRESTER BOXER COMPACT

## User-friendly spray gun cleaner with small footprint

- Automatic wash compartment with a automatic/manual clean rinse
- For solvent or water-borne solvent
- Fixed rinse nozzle fed with clean solvent

		(
Manual	Automatic	

DIMENSIONS	
Height	1830 mm (72")
Width	590 mm (23")
Weight	30 kg (66 lb)



DRESTER BOXER CONIP	ACITI			
Compressed air needed	Ventilation capacity required	Extractor diameter	Clean Rinse	Part.no.
7-12 bar (110-180 psi) 250 l/min (9 cfm)	140 m³/h / 82 cfm (15 m extension) 180 m³/h / 106 cfm (5 m extension)	180 mm (3.15")	Manual	DC11 (Blue) DC11-I (Stainless steel)
7-12 bar (110-180 psi) 250 l/min (9 cfm)	140 m³/h / 82 cfm (15 m extension) 180 m³/h / 106 cfm (5 m extension)	180 mm (3.15")	Automatic	DC12 (Blue) DC12-I (Stainless steel)



## **SOLVENT BASED** SPRAY GUN CLEANERS



## **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

	( )			Diam	eter	Ø 563 mm (22")
DRESTER CLASSIC 2600	Man	ual	Solvent	Weig	Iht	30 kg (66 lb)
Compressed air needed	Ventilation capacity required	Ext	ractor diar	neter	Part.no.	
5-12 bar (80-180 psi) 250 l/min (9 cfm)	140 m³/h / 82 cfm (15 m extension) 180 m³/h / 106 cfm (5 m extension)	125	5 mm (5")		2600 (Blue) 2600-INOX (	Stainless steel)



#### 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	

Solven

DIMENSIONS

Height

990 mm (39")

eter Part.no.	
Weight	30 kg (66 lb)
Diameter	Ø 563 mm (22")
Height	990 mm (39")





#### DRESTER 3600 Compressed air needed Ventilation capacity required Extractor diam 7-12 bar (110-180 psi) 140 m<sup>3</sup>/h / 82 cfm (15 m extension) 125 mm (5") 3600 (Blue) 250 l/min (9 cfm) 180 m<sup>3</sup>/h / 106 cfm (5 m extension) 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

Automatic or n	nanual rinse with clean	solve	nt	DIMENSIONS		1
		$\bigcirc$	$\frown$	Height	990 mm (39")	
		( 🕎 )		Diameter	Ø 563 mm (22")	
		$\bigcirc$	$\bigcirc$	Weight	33 kg (73 lb)	
DRESTER 8000	Automatic	Solvent	Water-borne			_
Compressed air needed	Ventilation capacity required	Extrac	tor diamete	er Part.no.		-8
7-12 bar (110-180 psi) 250 l/min (9 cfm)	140 m³/h / 82 cfm (15 m extension 180 m³/h / 106 cfm (5 m extension		m (5″)	8000-A 8000-B (with c	collecting tray base)	





DRESTER X-SERIES MANUAL Compressed air needed

7-12 bar (110-180 psi)

90 l/min. (3 cfm) 1 pump 370 l/min (14 cfm) incl. AIRVENT 11660 in operation

## **DRESTER X-SERIES MANUAL**

#### Manual spray gun cleaner

One manual wash compartment with re-circulating solvent

500 m3/h (310 cfm)

Ventilation capacity required Extractor diameter

Ventilation capacity required Extractor diameter

125 mm (5")

- Solvent flow is activated by a foot pedal
- Equipped with a solvent brush and compressed air dryer

DIMENSIONS	

125 mm (5")

Height	1510 mm (59.5")
Width	835 mm (33")
Max. depth	650 mm (25.5")
Depth at the floor	610 mm (24")
Weight	75 kg (165 lb)

Part.no.

DIX11M

Max. dum size

60 litres



## DRESTER X-SERIES AUTOMATIC

#### Automatic spray gun cleaner

- One automatic wash compartment for solvent or water-borne solvent
- Hand-switch operated

DRESTER X-SERIES MANUAL Compressed air needed

7-12 bar (110-180 psi)

90 l/min. (3 cfm) 1 pump 370 l/min (14 cfm) incl. AIRVENT 11660 in operation

Equipped with timer and compressed air dr

vor	Height
yer	Width
$\frown$	Max. depth
	Depth at the floo
	Weight

DIMENSIONS

Max. dum size

60 litres

1510 mn	n (59.5″)
835 n	nm (33")
650 mn	n (25.5″)
610 n	nm (24")
75 kg	(165 lb)
ze Part	.no.
DIX	11

#### **DRESTER X-SERIES DOUBLE** Automatic and manual spray gun cleaner

## Automatic wash compartment for solvent or water-borne solvent

500 m<sup>3</sup>/h (310 cfm)

Manual wash compartment cleaning of DIMENSIONS primer and filler tools, scrapers etc. 1510 mm (59.5") Height Equipped with timer, solvent brush and Width 1185 mm (33") compressed air dryer Max. depth 650 mm (25.5") 610 mm (24") Depth at the floor 95 kg (209 lb) Weight DRESTER X-SERIES DOUBLE Aute Compressed air needed Ventilation capacity required Extractor diameter Max. dum size Part.no. 7-12 bar (110-180 psi) 600 m³/h (380 cfm) 125 mm (5") 60 litres DIX22 180 l/min. (6 cfm) 2 pumps 460 l/min (17 cfm) incl. AIRVENT 11660 in operation







## DRESTER BOXER DOUBLE COMBO

## Spray gun cleaner with two working stations

- Automatic wash compartment with integrated fluid channels
- Manual washing sink with a flow-through brush and a clean rinse nozzle
- Pneumatic extractor (Airvent) included

#### DIMENSIONS Height 1510 mm (59.5")





## DRESTER BOXER TRIPLE COMBO

## Spray gun cleaner with three working stations

- Automatic wash compartment with integrated fluid channels
- Two manual washing sink with a flow-through brush and a clean rinse nozzle
- Automatic rinsing with clean solvent

DRESTER BOXER TRIPLE COMBO

7-12 bar (110-180 psi) 250 l/min (9

cfm) (450 l/min (16 cfm) with DRES-

Compressed air needed

TER AIRVENT 11660)

	(

Ventilation capacity required

500 m³/h (310 cfm

Solvent



125 mm (5")

DIMENSIONS

Height

DB33C (Blue) DI33C (stainless steel)

1510 mm (59.5")



## DRESTER BOXER QUATTRO COMBO

## Spray gun cleaner with four working stations

- Two automatic wash compartment with integrated fluid channels
- Two manual washing sink with a flow-through brush and a clean rinse nozzle
- Automatic rinsing with clean solvent or water

#### Width 1185 mm (33") 650 mm (25.5") Max. depth Depth at the floor 610 mm (24") 105 kg (230 lb) Weiaht DRESTER BOXER QUATTRO COMBO Solvent Water-borr Compressed air needed Ventilation capacity required Extractor diameter Part.no. 7-12 bar (110-180 psi) 250 l/min (9 800 m³/h (310 cfm 125 mm (5") DB44C (Blue) cfm) (450 l/min (16 cfm) with DRESTER DI44C (stainless steel) **AIRVENT 11660)**





# 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)				

DIMENSIONS Height

Width

461 mm (18.1")

204 mm (12 1")



DRESTER QR-10	1	Маци	Water-borne	Weight	12,5 kg (27 lb
Compressed air needed	Pump capacity	Permitted solvents		me of machin	e Part.no.
5-12 bar (80-180 psi) 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

	$\sim$						
		( 🍋	Depth	273 mm (10.8")			
DRESTER QR-20		C		Weight	6 kg (13.2 lb)		
DRESTER QR-20		Manua	l Solvent				
Compressed air needed	Pump capacity	Permitted solvents	Liquid volu	me of machi	ne Part.no.		
5-12 bar (80-180 psi) 100 l/min (4 cfm)	2 l/min	Solvent and solvent mixtures	Amount of depending	on chosen si	QR-20 ize		



# 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 DIMENSIONS Height 667 mm (26.3") Easy installation anywhere in the workshop Width 565 mm (22.2") 264 mm (10.4") Depth H<sub>2</sub>O 4 16 kg (32 lb) Weight DRESTER QR-TT Compressed air needed Pump capacity Permitted solvents Liquid volume of machine Part.no. DRESTER 5-12 bar (80-180 psi) LEFT BOX: Water or 2 l/min 3 l/solvent (amount of water QR-TT 100 l/min (4 cfm) water-based solvents depending on chosen size **RIGHT BOX: Solvents** of container) and solvent mixtures



This keeps the solvent in the spray gun cleaner in better

waste of solvent is kept to a minimum and costs are cut

Improved spray gun cleaning performance

Fully automated transfer between the spray

TO SETUP A DRESTER DYNAMIC TRIPLE YOU NEED THE FOLLOWING UNITS

DRESTER SPRAY GUN CLEANER

condition, resulting in improved spray gun cleaning performance. The consumption of solvent is reduced, the

Reduced solvent consumption

gun cleaner and the recycler

DOCKING UNIT

RECYCLER



# **DRESTER DYNAMIC TRIPLE**

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

dramatically.

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.



# **DRESTER RDX - DOCKING UNIT**

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

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

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 Drester 2600, 3600 & 8000
				RDX-9012 Drester Boxer Solvent, X-Series Manual

Condensation

system

By air

Condensate

material

Tim

Stainless steel 3-4 hours

## **DRESTER 120 - RECYCLER**

- A solvent recycler in the Drester Dynamic Triple
- Recovers and recycles the solvent used in the spray gun cleaner

Residues

discharge

Plastic bag

Can also be used as a stand-alone product

Boiler capacity

12 litres

	DIMENSIONS	
	Height	700 mm (17.5″)
Diameter		Ø 500 mm (19.5")
	Weight	21 kg (46 lb)
ne/cycle	e Voltage	Part.no.

200-240 V single DR-120-A Phase 50 or 60Hz





DRESTER RECYCLER Type of solvents

distillable

Thinner type



## 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-90-2

one for solid waste

DRESTER WM-90-1 Two compartments for liquid waste

#### DRESTER WASTE MANAGEMENT

Compressed air needed 7-12 bar (110-180 psi) 450 l/min (16 cfm) (if extraction is desired)

Extractor flange diameter	Part.no.
125 mm (5″) with flange	WM-90-1
(part.no. 10187)	WM-90-2
	WM-90-3

One compartment for liquid and





DRESTER WM-90-3 Two compartments for solid waste

DIMENSIONS	

Height	1025 mm (40")
- with hood	1470 mm (58")
- with hood & airvent	2230 mm (89")
Width	780 mm (31")
Depth at the floor	570 mm (23")
Weight	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 MIX	ING TABLE						
Airvent diame	eters	Weight		Width	Height	Max. depth	Part.no.
14010 14020/14040		Basic model with slot extraction & airvent with hood & airvent	30,0 kg 36,5 kg 45,0 kg	1200 mm	Basic model With slot extraction With hood Working height	565 mm	MT-120 (powder coated)

## 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 L	ACKY TABLE						
Width	Overall Height	Depth	Part.no.				
1200 mm	1395 mm	650 mm	LT-051				
1800 mm	1395 mm	650 mm	LT-061				
<sup>1)</sup> Paper roll holder and extraction system available as accessories.							





From the land of engineering





# **DRESTER SPRAY GUN CLEANERS**

# **Basic features**

	SOLVENT AQUA				сомво		COMPACT	
	DB22S	DB44S	DB22A	DB22C	DB33C	DB44C	DC11	DC12
Unique magnetic gun holder, patent approved	•	•	•	•	•	•	•	•
Hands-free operation, foot-pedal operated	•	•	•	•	•	•	•	•
Optimized placements of nozzles, for superior cleaning	•	•	•	•	•	•	•	•
Funnel for blow-out	•	•	•	•	•	•	•	•
Air gun for drying	•	•	•	•	•	•	•	•
Air supply line	•	•	•	•	•	•	•	•
3-year pump warranty	•	•	•	•	•	•	•	•
Available with stainless cabinet	•	•	•	•	•	•	•	•
ATEX category	2	2	2	2	2	2	2	2
Automatic cleaning with re-circulating solvent	•	•		•	•	•	•*	•
Automatic rinsing with clean solvent	•	•			•	•		•
Automatic cleaning with re-circulating water-borne solution			•			•	•*	
Automatic rinsing with clean water			•			•		
Flow-through brush fed with re-circulating solvent	•	•			•	•		
Flow-through brush fed with re-circulating water-borne solution			•	•	•	•		
Hand-held rinse nozzle fed with clean solvent	•	•			•	•		
Fixed rinse nozzle fed with clean solvent				•			•	•
Hand-held rinse nozzle fed with clean water			•	•	•	•		
Pneumatic extractor (Airvent) included			•	•			•	•
Extraction hood; use Airvent, Minivent or central extraction	•	•			•	•		
No. of pumps	2	4	2	2	3	4	1	2
Can be connected to Drester recycler through a Docking unit (RDX)	•	•		•**	•	•	•	•
Rinse gun for high pressure water cleaning of paint channels			•	•	•	•		
Rinse gun can be set up to be fed with recycled water or tap water			•			•		
Optional tap water kit, to feed tap water through rinse gun				•	•			
Automatic agitation when flocculating			•	•	•	•		
Dual filter system for unsurpassed efficiency when recycling water			•	•	•	•		
Automatic evacuation of filtrate container			•			•		

\*\* RDX must be placed outside of the cabinet

# DRESTER

# **DRESTER SPRAY GUN CLEANERS**

# **Basic features**

Basic features		CLASSIC				X-SERIES			
	1000	1050	2600	3600	8000	Manual	Auto	Double	
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			•	•	•	DIX11M-A	DIX11-A	DIX22-A	
Number of pumps	1	1	1	1	2	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	2	2	2	

# **DRESTER CONSUMABLES**

	FILTERS	Pa
Part.no.	R8701 - Main filter ( <i>standard)</i> R8702 - Pre-filter ( <i>always to be used)</i> Delivered in 5 pcs.	тО GU
	ED IN FOLLOWING DRESTER	Pa
GUN CLE	ANERS	DB
Part.no.	Description	DB
DB22A	Drester Boxer Aqua	DB
DB22C	Drester Boxer Double Combo	DB
DB33C	Drester Boxer Triple Combo	10
DB44C	Drester Boxer Quattro Combo	10
1000	Drester Classics 1000	QR
1050	Drester Classics 1050	QR

	AQUASOLVE				
Part.no.	230120 Delivered in 1 L x 12 pcs				
TO BE USED IN FOLLOWING DRESTER GUN CLEANERS					
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				



FL	OCCULATION POWDER
Part.no.	9211 Delivered in can / 1,5 kg.
TO BE USE GUN CLEA	D IN FOLLOWING DRESTER NERS
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 qualitiy
- Yearly checks of lifts can be done by owner

## High-qualitiy 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



# 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.

#### **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-RAILS** Integration in existing rail system



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



For wheelbases up to 3500 mm

HERKULES AI	RGOMATIC HLS 3213						
Part.no.	Loading capacity	Air supply	Wheelbase (min/max)	Lifting time	Lowering time	Weight	Installation
HLS 3213-11	3.2 tons	8 bar	1600/3500 mm	approx. 25 sec*	approx. 30 sec*	925 kg	On-ground
HLS 3213-14	3.2 tons	8 bar	1600/3300 mm	approx. 25 sec*	approx. 30 sec*	865 kg	In-ground
HLS 3213-16	3.2 tons	8 bar	1600/3300 mm	approx. 25 sec*	approx. 30 sec*	865 kg	In-ground, CE-stop**
HLS 3213-17	3.2 tons	8 bar	1600/3500 mm	approx. 25 sec*	approx. 30 sec*	950 kg	Transmobile (HLT-06)
+ 14/01 . 100							

\* 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

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



#### For wheelbases up to 3200 mm

HERKULES AI	RGOMATIC HLS 3213					
Part.no.	Loading capacity	Air supply	Wheelbase (min/max)	Lifting time	Lowering time	Weight Installation
HLS 1200-11	2.5 tons	8 bar	1500/3200 mm	approx. 25 sec*	approx. 30 sec*	750 kg On-ground
HLS 1200-14	2.5 tons	8 bar	1500/3000 mm	approx. 25 sec*	approx. 30 sec*	750 kg In-ground
HLS 1200-16	2.5 tons	8 bar	1500/3000 mm	approx. 25 sec*	approx. 30 sec*	750 kg In-ground, CE-stop**
HLS 1200-17	2.5 tons	8 bar	1500/3200 mm	approx. 25 sec*	approx. 30 sec*	800 kg Transmobile (HLT-3)

\* With empty lift \*\*Safety stop with audible alarm to prevent foot injuries



# LIFTING EQUIPMENT / LIFTING ON BOTH WHEELS & CHASSIS



## 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





	-		T.t				Lifting height (on-ground/in-gro	1300 / 114( ound) mn
	11						<b>Overdrive height</b> (on-ground)	110 mn
							Pit depth (in-grou	nd) 160 mn
HERKULES AIRGON Part.no.	Loading capacity	Air supply	Wheelbase (min/max)	Lifting time	Lowering time	Wei	sht Inci	tallation
				3	5		,	
HLS 3213-DUO-11	3.2 tons	8 bar	1600/3500 mm	approx. 25 sec*	approx. 30 sec*	1050	) kg On	-ground
HLS 3213-DUO-14	3.2 tons	8 bar	1600/3300 mm	approx. 25 sec*	approx. 30 sec*	955	kg In-g	ground
HLS 3213-DUO-16	3.2 tons	8 bar	1600/3300 mm	approx. 25 sec*	approx. 30 sec*	955	kg In-g	ground, CE-stop**
HLS 3213-DUO-17	3.2 tons	8 bar	1600/3500 mm	approx. 25 sec*	approx. 30 sec*	1070	) kg Tra	nsmobile (HLT-06)

ALTERNATIVELY

\* With empty lift \*\*Safety stop with acustic audible 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





DIMENSIONS	
<b>Lifting height</b> (on-ground/in-ground)	930 / 825 mm
<b>Overdrive height</b> (on-ground)	110 mm
Pit depth (in-ground)	115mm

HERKULES HLS 120	IO DUO						
Part.no.	Loading capacity	Air supply	Wheelbase (min/max)	Lifting time	Lowering time	Weight	Installation
HLS 1200-DUO-11	2.5 tons	8 bar	1500/3200 mm	approx. 25 sec*	approx. 30 sec*	850 kg	On-ground
HLS 1200-DUO-14	2.5 tons	8 bar	1500/3000 mm	approx. 25 sec*	approx. 30 sec*	850 kg	In-ground
HLS 1200-DUO-16	2.5 tons	8 bar	1500/3000 mm	approx. 25 sec*	approx. 30 sec*	850 kg	In-ground, CE-stop**
HLS 1200-DUO-17	2.5 tons	8 bar	1500/3200 mm	approx. 25 sec*	approx. 30 sec*	850 kg	Transmobile (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.	Loading capacity	Air supply	Lifting height	Installation
HLQ 01	2.5 tons	8 bar	800 mm	in-ground
HLQ-3213	3.2 tons	8 bar	1300 mm	in-ground







# LIFTING EQUIPMENT / LIFTING ON CHASSIS



# **HERKULES HM 1100**

## 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



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

#### HERKULES HM 1100

Part.no.	Loading capacity	Air supply	Lifting time	Lowering time	Weight	Installation
HM 1100-01	2.8 tons	8 bar	approx. 15 sec*	approx. 20 sec*	510 kg	On-ground
HM 1100-04	2.8 tons	8 bar	approx. 15 sec*	approx. 20 sec*	510 kg	In-ground, with 4 rubber blocks 800-105

\* With empty lift

## **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



HERKULES	5 К700				
Part.no.	Loading capacity	Air supply	Lifting time	Lowering time	Installation
K 700-45	2.8 tons	8 bar	approx. 15 sec*	approx. 20 sec*	On-ground



#### DIMENSIONS

Lifting height	930 mm
Overdrive height	110 mm
Weight	840 kg



# **HERKULES LIFTS BY HEDSON**

# **Basic features**

	AirgoMatic 3212-11	AirgoMatic 3212-14 / AirgoMatic 3212-16	AirgoMatic 3212-17	AirgoMatic 3212-DUO-11	AirgoMatic 3212-DUO-14 / AirgoMatic 3212-DUO-16	AirgoMatic 3212-DUO-17	HLS 1200-11	HLS 1200-14 / HLS 1200-16	HLS 1200-17	HLS 1200-DUO-11	HLS 1200-DUO-14 / HLS 1200-DUO-16	HLS 1200-DUO-17	НГО 01	HM 1100-01	HM 1100-04	K700-45
SCOPE OF DUTIES																
Paint- and body work	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Tirework				•	•	٠				•	•	•		•	•	•
DRIVING SPECIFICATIONS																
Wheelbase min (cm)	180	180	180	180	180	180	180	180	180	160	160	160				
Wheelbase max (cm)	350	330	350	350	330	350	320	300	320	320	300	320				
Drive over possibility	(•)	•	(•)	(•)	•	(•)	(•)	٠	(•)	(•)	•	(•)	•	•	•	•
LIFTING SPECIFICATIONS																
Chassis supported				•	٠	٠				•	٠	٠		٠	•	•
Wheel supported	•	٠	٠	•	•	٠	•	٠	٠	•	•	٠	•			
TECHNICAL SPECIFICATIONS																
Lifting Capacity (tons)	3.2	3.2	3.2	3.2	3.2	3.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.8	2.8	2.8
Overdrive height (cm)	12		12	12		12	11		11	11		11		11		11
Pit depth (cm)		15			15			11			11		10		11	
Lifting height (cm)	130	115	130	130	115	130	93	82	93	93	82	93	75	93	82	82
Air 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
INSTALLATION SPECIFICATIONS																
In-ground		٠			٠			٠			٠				•	
On-ground	•		٠	•		٠	•		٠	•		٠	•	•		•
Mobile			•			٠			٠			٠			(•)	
On-rail													•			

Standard • Optional (•)



## HERKULES AIRGOMATIC 3213 AND HERKULES AIRGOMATIC 3213 DUO FOR TRANSMOBILE

## Flexible solution for the workshop

- 3.2 tons lifting capacity
- Flexible usage at different workstations



HERKULES TRANSMOBILE FOR AIRGOMATIC								
Part.no.	Loading capacity	Drive	Remote control					
HLT 06	3.2 tons	24 V	Yes					

HERKULES AIRGON	NATIC 3213 AND H						
Part.no.	Loading capacity	Air supply	Wheelbase (min/max)	Lifting time	Lowering time	Weight	Installation
HLS 3213-17	3.2 tons	8 bar	1600/3500 mm	approx. 25 sec*	approx. 30 sec*	950 kg	Transmobile (HLT-06)
HLS 3213-DUO-17	3.2 tons	8 bar	1600/3500 mm	approx. 25 sec*	approx. 30 sec*	1070 kg	Transmobile (HLT-06)
+ \A/(a)							

\* With empty lift

# HERKULES HLS 1200 AND HERKULES HLS 1200 DUO FOR TRANSMOBILE

## Agile solution even for small workshops

- 2.5 tons lifting capacity
- Flexible usage at different workstations



HERKUL	ES TRANSMOBILE	FOR HLS	1200
Part.no.	Loading capacity	Drive	Remote control
HLT 03	2.5 tons	24 V	Yes

HERKULES HLS 120	0 AND HERKULES						
Part.no.	Loading capacity	Air supply	Wheelbase (min/max)	Lifting time	Lowering time	Weight	Installation
HLS 1200-17	2.5 tons	8 bar	1500/3000 mm	approx. 25 sec*	approx. 30 sec*	800 kg	Transmobile (HLT-03)
HLS 1200-DUO-17	2.5 tons	8 bar	1500/3000 mm	approx. 25 sec*	approx. 30 sec*	850 kg	Transmobile (HLT-03)
* With empty lift							





# **HERKULES TRANSMOBILE**

# Better workshop utilization - move the vehicles through tight spaces in the workshop safe and easy

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.

- 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





# Part.no. Loading capacity Drive Remote control HLT 06<sup>1</sup> 3.2 tons 24 V Yes HLT 03<sup>2</sup> 2.5 tons 24 V Yes

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

#### DIMENSIONS

DIMENSIONS	
Height (HLT06 / HLT03)	456 / 456 mm
Length (HLT06 / HLT03)	2600 / 2319 mm
Width (HLT06 / HLT03)	1488 / 1450 mm
Wheelbase (HLT06 / HLT03)	1919 / 1583 mm
Weight (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



HERKULES PAINT	TER				
Part.no.	Loading 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







# HERKULES DUST EXTRACTION EQUIPMENT Keep the workshop clean with reliable and highly

# efficient vacuum system from Herkules

The Herkules **Hexacomb Turbo** Dust Extraction is a vacuum system for multiple users with double connection for power supply, adjustable compressed air connection and extraction. It combines ergonomic product design, high efficiency and a userfriendly handling.

Herkules Hexacomb Turbo has as standard equipment an automatic system start for both air and electrical tools as well as an automatic pneumatic filter cleaning.

This vacuum system solution offers Hexagons with ceiling or wall assembly as well as swivel arm with a length of 5 m. The connection is a result of a pipe system. Inside the turbine there is plenty of space for tools, sanders and much more. The Hexagon energy head or alternatively the multifunctional terminal will provide work places with vacuum power, air pressure and electricity. The dust bags are easy and safe to remove through a sliding plate and dust bag holders.

- Easy and safe removal of the dust bags
- Adjustable air pressure with manometer
- Powerful turbine but also silent, due to optimized insulation

#### FILTER CLEANING

Filling level indication of the filter area through LED-signal. By opening the sliding piston, the filters are cleaned automatically and the dust bag can be changed in a dust reduced way.

## **VERY SILENT**

The turbine in the vacuum system with its 64 dB (maximum) is more silent than a modern vacuum cleaner.

#### **INTEGRATED SWIVEL ARMS**

The vacuum system solution has a swivel arm integrated, which makes it easier to reach out to several working places in the preparation area.



# HERKULES T2 TURBO, CABINET OR WALL-MOUNTED

## The authentic multiple user system for the workshop

- Up to 2 sanders at the same time
- The Hexagon energy head is compatible with all sanding tools
- Working heights can be changed smoothly

					Height	1010 mm
					Width	510 mm
					Depth	570 mm
					Weight	70 kg
ABINET						
or power C	Circulatory	Depression	Filter area	Noise lev	el max.	Electric tension
0 W 2	220 m³/h	220 mbar	10470 cm <sup>2</sup>	max. 64 c	łВ	1,3 kW
0 W 2	220 m³/h	220 mbar	10470 cm <sup>2</sup>	max. 64 c	∃B	1,3 kW / 230 V
	or power ( DW 2 DW 2	or power Circulatory	or powerCirculatoryDepression0 W220 m³/h220 mbar0 W220 m³/h220 mbar	or power         Circulatory         Depression         Filter area           0 W         220 m³/h         220 mbar         10470 cm²           0 W         220 m³/h         220 mbar         10470 cm²	or power         Circulatory         Depression         Filter area         Noise lev           0 W         220 m³/h         220 mbar         10470 cm²         max. 64 c           0 W         220 m³/h         220 mbar         10470 cm²         max. 64 c	ABINET or power Circulatory Depression Filter area Noise level max. 0 W 220 m <sup>3</sup> /h 220 mbar 10470 cm <sup>2</sup> max. 64 dB 0 W 220 m <sup>3</sup> /h 220 mbar 10470 cm <sup>2</sup> max. 64 dB



# Herkules

## DIMENSIONS

11-1-1-4*	
Height*	1010 mm
Width	510 mm
Depth	570 mm
Weight	70 kg

HERKULES T2 TURBO, WALL-MOUNTED						
Part.no.	Motor power	Circulatory	Depression	Filter area	Noise level max.	Electric tension
E1W	1300 W	220 m³/h	220 mbar	10470 cm <sup>2</sup>	max. 64 dB	1,3 kW
HEXA-COMB-T2W*	1300 W	220 m³/h	220 mbar	10470 cm <sup>2</sup>	max. 64 dB	1,3 kW / 230 V

\*) Swivel arm 5 m, Hexagon energy head, Holder for hoses and tools



Safety guidance of the swivel arms through a smooth-running gear ring connection.



Ergonomic and dust-reduced dust disposal through a sliding plate and dust bag holders.



Dust-reduced disposal by opening the sliding plate. The dust goes into the dust bag.



# 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

HERKULE				
Part.no.	Lenght	Width	Height	Weight
300-297	900 mm	680 mm	2020 mm	45 kg

## HERKULES LACKY BUMPER

Safe storage and easy transportation of bulky vehicle parts

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

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

# **HERKULES STEP-BENCH**

Ideal when painting the roofs of large vehicles such as vans and small trucks

- Space-saving
- Low weight
- Easy to put away

HERKULI	ES STEP-BENCH		
Part.no.	Loading capacity	Weight	Dimensions
300-257	120 kg	5,0 kg 6,5 kg	1000x330x325 mm 1190x330x600 mm

## **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











From the land of engineering

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# **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
- Progammable 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 14 months - washing 8000 wheels/year, charging €2,50/wheel

- 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					WHEEL DIMENSIO	NS
Compressed air needed	Air consumption	Air flow	Power supply	Part.no.	Wheel width	135-350 mm (5-14")
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>	Wheel diameter	540-800 mm (22-31")
<sup>3</sup> ) Incl. in delivery: 2 trolleys, 20	) kg (44lbs) of DoublePowe	r Granules, Heater, Granule Ba	asket, CleanRinse, Granule Fil	ter	Max Wheel Weight	45 kg (99 lbs)

UNIT DIMENSIONS	5	WATER CONSUMPTION AND TIME		
Measures (WxDxH)	1620x1100x1550 mm (64x43x61")	Water volume	300 liter	
Height, open lid	2360 mm (93")	Water consumption	1 litre/washed wheel	
Weight of unit	320 kg (704 lbs) <sup>2</sup>	Cleaning time/ wheel⁴	Adjustable settings from 25-155 sec	
Weight of trolley	Weight of trolley 56 kg/trolley		settings when delivered 25, 50, 75, 100 set	
<sup>2</sup> ) without water or Dou	blePower	Clean rinse	0.3 litre/wheel	

4) Dry blowing not included

<b>OPTIONS &amp; ACCESSORIES</b>	
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





From the land of engineering



# DRESTER

# **DRESTER GP 12 SILVERSTONE**

Premium wheel washer with outstanding cleaning performance

- Dynamic flush pipe for fast and efficient cleaning
- Payback time 13 months washing 4000 wheels/ year and charging €2,50/wheel
- Good for cleaning high polished alloy rims, big tires



DRESTER GP 12 SILVERS	TONE				WHEEL DIMENSIO	NS
Compressed air needed	Air consumption	Air flow	Power supply	Part.no.	Wheel width	145-360 mm (6-15")
8-12 bar (120-174 psi)	400 litre/wash cycle	1000 litre/min. at 7 bar	400V, 3~, 50 Hz, 16 A	WD12304-AD1	Wheel diameter	540-860 mm (22-34")
<sup>3</sup> ) Incl. in delivery: 1 rubber ma	t, 20 kg (44 lbs) of Double	Power Granules, Heater, Gran	ule Basket		Max Wheel Weight	60 kg (132 lbs)

#### UNIT DIMENSIONS

<b>Measures</b> (WxDxH) with QuickLift	1081x1201x1489 mm (43x47x59") 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**

OF HOINS & ACCESSORIES	5 GF 10 & GF 12
Water Cleaning	230350
Clean Rinse	230357
Quick Lift	230315
Granule Filter	230508

#### WATER CONSUMTPION 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 10 months washing 4000 wheels/year and charging €2,50/wheel
- Suitable for standard tires



# DRESTER GP 10 MONZA WHEEL DIMENSIONE Compressed air needed Air consumption Air flow Power supply Part.no. Wheel width 145-360 mm (6-15") 8-12 bar (120-174 psi) 400 litre/wash cycle 1000 litre/min. at 7 bar 400V, 3~, 50 Hz, 16 A WD10302-AD1 Wheel diameter 540-860 mm (22-34") 3) Incl. in delivery: 1 rubber mat, 20 kg (44 lbs) of DoublePower Granules, Heater, Granule Basket Max Wheel Weight 60 kg (132 lbs)

#### UNIT DIMENSIONS

	-
Measures (WxDxH) with QuickLift	1081x1201x1489 mm (43x47x59") 1153x1226x1489 mm (45x48x59")
Weight of unit	230 kg (510 lbs)²
Weight of QuickLift	26 kg (60 lbs)
2) With out water or Dev	halaBaurar

#### <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
4) Dry blowing not included	



## **DRESTER W-450 POWERWASH**

Compact and powerful wheel washer for every workshop

- Fixed nozzle flush pipes
- Payback time 16 months washing 2000 wheels/year and charging €2,50/wheel
- Cleaning of all kinds of wheels



DRESTER W-450 POWERWASH				WHEEL DIMENSIONS		
Compressed air needed	Air consumption	Air flow	Power supply	Part.no.	Wheel width	135-305 mm (5-12")
8-12 bar (120-174 psi)	400 litre/wash cycle	1000 litre/min. at	400V, 3~, 50 Hz, 16 A	W-450-1AD	Wheel diameter	560-800 mm (22-31")
		7 bar	230V, 3~, 50 or 60 Hz, 32 A		Max Wheel Weight	45 kg (99 lbs)

UNIT DIMENSIONS	;		WATER CONSUMPTIO	N AND TIME
Measures (WxDxH)	1140x1005x1450 mm (45x	(39.5x57")	Water volume	210 liter
Weight of unit	220 kg	(704 lbs) <sup>2</sup>	Water consumption	1 litre/washed wheel
<sup>2</sup> ) Without water or Dou	blePower		Cleaning time/ wheel <sup>4</sup>	30, 60, 90, 120 sec
<b>OPTIONS &amp; ACCES</b>	SORIES W-450		<sup>4</sup> ) Dry blowing not included	
Water Cleaning	230812			
Clean Rinse	14830			

# **DRESTER WHEEL WASHERS BY HEDSON**

# Standard features and equipment

230508

	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	•	•	•	•



**Granule Filter** 



2.

# 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!



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



## WASTE WATER CLEANING CYCLE Wastewater is pumped from the wheel

- washer to the filter unit.
- Inside the filter unit, a flocculating and filtering process separates the waste sludge from the water.
- Ultimately purified water is directed to a drain.

		FUTTO			DIMENSIONS		
		F1	LIEReC		Height	1884 mm	
				Width	700 mm		
					Depth	597 mm	
DRESTER GP FILTER eQ					Weight	85 kg	
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-7501	231000/23100	0-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

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ESTER



# WE ARE HERE FOR YOU!

#### **Customer Service**

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Mike Bertrand Shelley Featherstone Colin Hammacott

## Sales - Nordics, Eastern Europe & APAC

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DRESTER



<u>He</u>rkules