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DYNAMIC TRIPLE

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Fifteen years on: Dynamic Triple remains the best solution for solvent issues in Body & Paint Shops

Handling, recycling and disposing of solvents can take a great deal of time, money and manpower, and remains a huge issue for Body & Paint Shops.

Dynamic Triple was launched in 2002 as a safer way to handle solvents and reduce solvent consumption in spray gun cleaning routines.

Over the past 15 years this unique closed system consisting of a recycler, docking unit and solvent or Combi gun cleaner has helped Body & Paint Shops recycle solvents safely and effectively, minimizing manual handling of solvents and exposure to fumes.

The latest payback calculations show that Dynamic Triple remains not only the safest and most eco-friendly way to handle solvents, but also the most cost-effective.

15 factors in the enduring success of Dynamic Triple:

1

A CONCEPT AHEAD OF ITS TIME

Hedson addressed solvent issues in 2002 with an innovative concept by bringing together three products—gun cleaner, docking unit and recycler – to create a convenient, closed solvent handling system.

By providing safe, economical and eco-friendly solvent handling, Dynamic Triple solved the main solvent-related issues facing Body & Paint Shops—issues that have become even more critical over the years for continued profitability and compliance with safety and environment regulations.

2

A UNIQUE SOLUTION

Dynamic Triple was a unique solution when it was launched and it remains the only solution of its kind to provide an integrated system for effective, economical solvent handling.

3

A PROVEN PRODUCT

Over 800 Dynamic Triple units have been installed all over Europe providing a large and growing installed base that confirms the success of the concept. The strength of the concept lies not only in the high performance of the individual elements, but the way they are optimized to work together in an effective integrated system.

4

SYSTEM ELEMENT: GUN CLEANER CONNECTION

Dynamic Triple is designed for easy connection to all Drester solvent and Combo gun cleaners, making it easy to integrate the system with existing gun cleaners.

5

SYSTEM ELEMENT: DRESTER RDX

This docking unit, specially designed for the Dynamic Triple System, transfers solvent up to 25 meters, providing access to fresh solvent in the gun cleaner after just a few minutes.

6

SYSTEM ELEMENT: DRESTER 120

This solvent recycler has been adapted to become the optimum recycler for Dynamic Triple. However, it is also a well-proven, stand-alone product that has been sold in vast numbers worldwide—a solution that recycles 95% of solvents used. It plays a highly efficient role in the system—solvent is transferred between the recycler and gun cleaner by simply turning a handle.

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PROVEN DURABILITY

All Hedson products are known for their high level of durability. Dynamic Triple has an average service lifetime of between 7–10 years. The guarantee period is 12 months.

The key to long-term optimum performance is simple maintenance – general cleaning, condenser coil checks and occasional lid gasket replacement. With proper maintenance, Dynamic Triple can last for far more than 10 years and some units sold in the early years remain in service today.

8

FULLY AUTOMATED FOR SAFER HANDLING

Dynamic Triple revolutionized solvent handling for Body & Paint Shop staff by eliminating manual solvent handling. The three system elements combine to create a closed system that takes care of all the dirty, heavy and hazardous work involved in handling solvents. Dynamic Triple establishes a fully automated solvent handling system and keeps the equipment and floor clean—all staff have to do is open a transfer valve and start the recycler.

9

DESIGNED FOR FREQUENT USE

The convenient operation of the Drester Dynamic Triple system encourages Paint & Body Shops to run the system frequently. The consumption of solvent is reduced, solvent wastage is kept to a minimum and costs are cut considerably.

10

EXTENDING THE LIFE OF GUN CLEANERS

Frequent use of the system also keeps the solvent in the gun cleaner in better condition, resulting in improved gun cleaning performance and significantly extending the lifetime of the gun cleaner itself, thus saving a lot of money indirectly.

11

EASY, CONVENIENT PLACEMENT

The Dynamic Triple is a system adapted for the space limitations and varied layouts of Body & Paint Shops. The three units in the system can be placed either close together or in separate rooms, subject to local fire legislation. The system allows for the recycler to be placed in another room up to 25 meters from the gun cleaner.

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SAVE TIME

Users of Dynamic Triple have benefitted from substantial time savings—automatic transfer of solvent between the recycler and gun cleaner takes only 2 minutes after turning the handle to start the transfer.

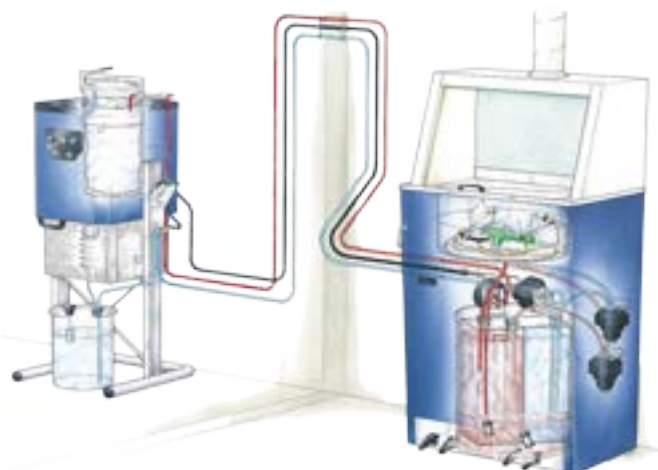
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SAVE SOLVENT

It is worth emphasizing that Dynamic Triple, with the Drester 120 recycler at the heart of the system, has dramatically reduced solvent purchases for users.

New solvent costs approximately €1.5/liter. In most countries there is a cost of approximately €2.5/liter involved in disposing of used solvent contaminated with paint. Overall, consumption and proper disposal would cost the user close to €4/liter.

Consequently, every liter of solvent recycled represents a significant saving for Body & Paint Shops.



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START SAVING MONEY FAST: RAPID ROI

Dynamic Triple Payback Calculation, according to 2017 prices.

Solvent cost: €1.5/liter

Disposal of Solvent: €2.5/liter

Total solvent cost €4/liter

Example:

A typical Body & Paint Shop with 2–6 painters uses about 60–80 liters of solvent a month (60 liter × €4 = €240/month)

When using a Drester 120 Solvent recycler you will get back 95% of the solvent back when recycling. The recycling procedure is usually carried out once a week.

Saving per week when using a Drester 120 Solvent recycler:

(€240/month × 0.95 = €228/month)

Drester 120 Solvent Recycler cost €4526

Payback time if only using Drester 120 Solvent Recycler €4526 / €228 = 19.85 months.

Drester RDX Docking Unit cost €2674

Drester 120 + Drester RDX = €7200

Payback time when using the complete Dynamic Triple system €7200 / €228 = 31.57 months.

15

SATISFIED CUSTOMERS

What is it like to use Dynamic Triple in everyday operations? Colin Warwick, the paint controller of the paint mixing room at the Sunningvale Body Shop in Surrey, England, says:

“Traditionally, body shops tend to have a real issue with storing solvents. With the Dynamic Triple station we have removed the problems that come from inhalation of fumes, lifting of heavy cans full of dirty solvent and possible spillage on the floor or over the recycler. The machine is a doddle to use and our painters can undertake gun cleaning easily and effectively.”

*“The transfer pumps are extremely efficient and will transfer solvent up to 25 meters, allowing the recycler to be installed outside the mixing rooms and as the transfer of solvent is so quick and simple it enables the process to run on a frequent basis.”**