# HEDSON
## PERFORMANCE ABOVE ALL



# BODY & PAINTSHOP, TIRESHOP



## DRESTER   IRT SYSTEM   Herkules

# 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.

# 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.
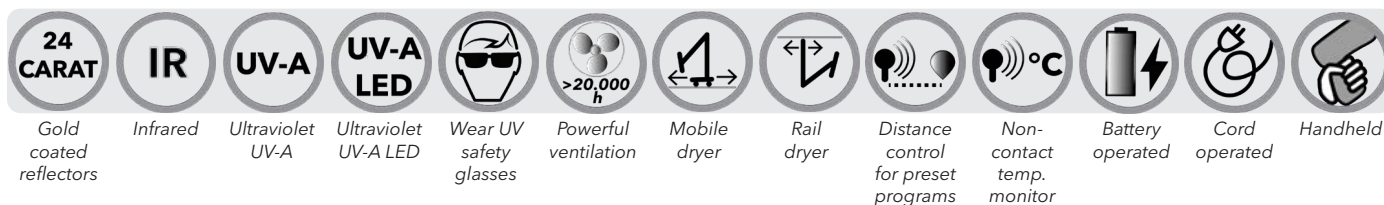
### UV-A CURING, DRY IN SECONDS
IRT UV-A dryers have an outstanding intensity, developed in cooperation with market leading paint manufacturers.

### IF YOU WANT IT ALL
The combination of IR and UV-A curing makes our IRT COMBI range unique.

| 24 CARAT | IR | UV-A | UV-A LED | | >20,000 h | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gold coated reflectors | Infrared | Ultraviolet UV-A | Ultraviolet UV-A LED | Wear UV safety glasses | Powerful ventilation | Mobile dryer | Rail dryer | Distance control for preset programs | Non-contact temp. monitor | Battery operated | Cord operated | Handheld |

## IR HANDHELD & MOBILE DRYERS
### Efficient, safe and quick IR drying

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

**HIGH-EFFICIENCY REFLECTORS**

**ADVANCED, USER FRIENDLY SOFTWARE**
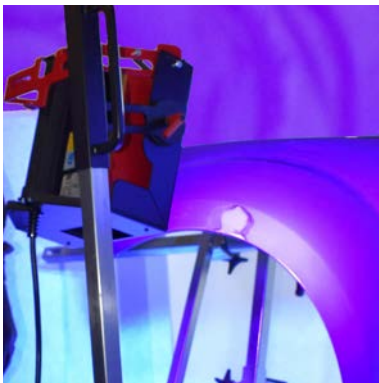
## UV-A HANDHELD & MOBILE DRYERS
### High quality UV-A curing for all workshops

IRT UV-A curing with high intensity in a variety of models. 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**

## ARCH DRYERS
### Improved throughput of vehicles in the workshop

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

**CURES VEHICLES AND LOOSE PANELS**

**FULLY AUTOMATIC AND EASY TO USE**

# IRT INFRARED CURING
## Careful consideration of bodyshop heating requirements

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

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

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

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

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

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

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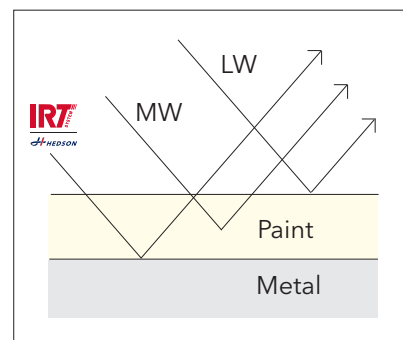


**SIMPLIFIED DIAGRAM**

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

*From the land of engineering*

# IRT 1

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

- One lamp – output power 1 kW

- Gold coated reflector

- Best curing at 30 cm from the surface

### DIMENSIONS

| | |
|---|---|
| Handheld (LxHxD) | 418x196x66 mm |
| Handheld weight | 1,8 kg |
| Stand (HxW) | 1450x350 mm |
| Stand weight | 10 kg |
| Curing area* | 0,17 m² |

*\* Curing area at a distance of 30 cm*

### IRT 1 PREPCURE, HANDHELD

| Part no. | Current | Output power | Fuse | Voltage | Frequency |
|---|---|---|---|---|---|
| 800429 | 4 A | 1 kW | 10 A | 230V, 1 PH, EU | 50-60 Hz |
| 800624 | 4 A | 1 kW | 10 A | 230V, 1 PH, UK (UK plug) | 50-60 Hz |
| 800431 | 4 A | 1 kW | 10 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz |
| 800432 | 9 A | 1 kW | 15 A | 100V, 1 PH, JP | 50-60 Hz |
| 800428 | 9 A | 1 kW | 15 A | 110V, 1 PH, NA (not ETL) | 50-60 Hz |
| 800524 | 9 A | 1 kW | 15 A | 110V, 1 PH, NA ETL (fixed on stand - no timer) | 50-60 Hz |

### STAND FOR IRT 1

| Part no. | Voltage | |
|---|---|---|
| 800460 | 230V, 1PH, EU | Stand with timer |
| 800598 | - | Stand without timer |

# IRT 2

## 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 m² |

*\* Curing area at a distance of 60 cm*

### IRT 2 PREPCURE, HANDHELD

| 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 |

## 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 |

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

**IRT 3 PREPCURE**

| 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

**DIMENSIONS**

| | |
|---|---|
| **Stand height** | 1574 mm |
| **Cassette vertical range (height)** | 160-2150 mm |
| **Width** | 1188 mm |
| **Weight** | 46 kg |
| **Curing area*** | 1,0 x 1,1 m |

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

**IRT 4 PREPCURE**

| Part no. | Current | Output power | Fuse | Voltage | Frequency |
|---|---|---|---|---|---|
| 800611 | 13 A | 3 kW | 16 A | 230V, 1 PH, EU | 50-60 Hz |
| 800443 | 13 A | 3 kW | 13 A | 230V, 1 PH, UK (UK plug) | 50-60 Hz |
| 800617 | 13 A | 3 kW | 16 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz |
| 800615 | 13 A | 3 kW | 20 A | 230V, 1 PH, NA ETL | 50-60 Hz |

*From the land of engineering*

## 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 |

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

**IRT 3-1 PCD**

| 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 |

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

**IRT 3-2 PCD**

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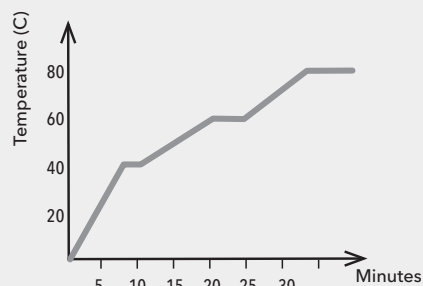
Example of a 3-step drying cycle, used for panel bonding and construction glues etc.

## IRT 4-1 & 4-2 PCAUTO

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

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

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

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



### IRT 4-1 PCAUTO

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

### IRT 4-2 PCAUTO

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

*From the land of engineering*
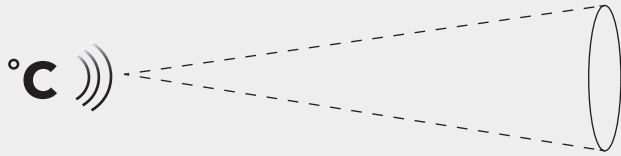
**PCAUTO:**
*Place 60 cm from curing surface.*
*Laser circle sample area is Ø 30 cm (pyrometer ratio 1:2).*
*The pyrometer determines an average temperature reading in this area.*
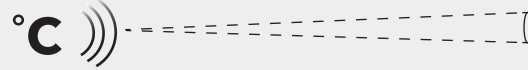
**DTP:**
*Place 40-60 cm from curing surface.*
*Laser circle sample area is Ø 3-4 cm (pyrometer ratio1:15).*
*The pyrometer determines an average temperature reading in this area.*

# 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 464 DTP 4-2**

**IRT HIGH TEMP DRYERS**

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

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



**IRT 4 HI-BAKE**
HiBake is a *MANUAL* alternative to the DTP model, with 50% flash-off, 100% fullbake.

# ULTRAVIOLET (UV-A) CURING

## UV-A dryers with outstanding curing performance

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

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

Our UV-A LED models are extremely efficient, curing UV-A primer and filler in seconds.

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

### 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.*

UV-A

IRT SYSTEM

## IRT UVA 1-3

### Curing with high efficiency UV-A lamps

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

| IRT UVA 1 PREPCURE 3 | | | | |
|---|---|---|---|---|
| Part no. | Power | Fuse | Voltage | Frequency |
| 800604 | 1 kW UV-A | 10 A | 230V, 1 PH, EU | 50-60 Hz |
| 800668 | 1 kW UV-A | 10 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz |
| 800671 | 1 kW UV-A | 15 A | 230V, 1 PH, NA | 50-60 Hz |

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

\* At a distance of 55 cm

## IRT UVA 1-4

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

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

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

\* At a distance of 55 cm

| IRT UVA 1 PREPCURE 4 | | | | |
|---|---|---|---|---|
| Part no. | Power | Fuse | Voltage | Frequency |
| 800621 | 1 kW UV-A | 10 A | 230V, 1 PH, EU | 50-60 Hz |
| 800669 | 1 kW UV-A | 10 A | 230V, 1 PH, AUS & ARG type 1 | 50-60 Hz |
| 800672 | 1 kW UV-A | 15 A | 230V, 1 PH, NA | 50-60 Hz |

## IRT UVA 2-4

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

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

| IRT UVA 2 PREPCURE 4 | | | | |
|---|---|---|---|---|
| Part no. | Power | Fuse | Voltage | Frequency |
| 800622 | 2 kW UV-A | 10 A | 230V, 1 PH, EU | 50-60 Hz |

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

\* At a distance of 55 cm
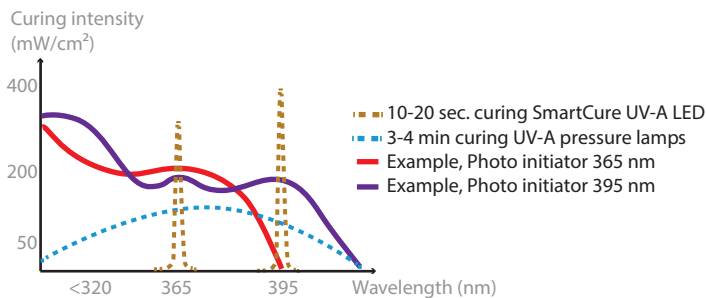
# IRT UV-A LED CURING

## WHY UV-A LED CURING?

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

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

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

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

## WHY THIRD PARTY INSPECTION?

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

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

## BENIFITS OF INDUSTRY COOPERATION?

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

Curing intensity (mW/cm²)

- 10-20 sec. curing SmartCure UV-A LED
- 3-4 min curing UV-A pressure lamps
- Example, Photo initiator 365 nm
- Example, Photo initiator 395 nm

*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.
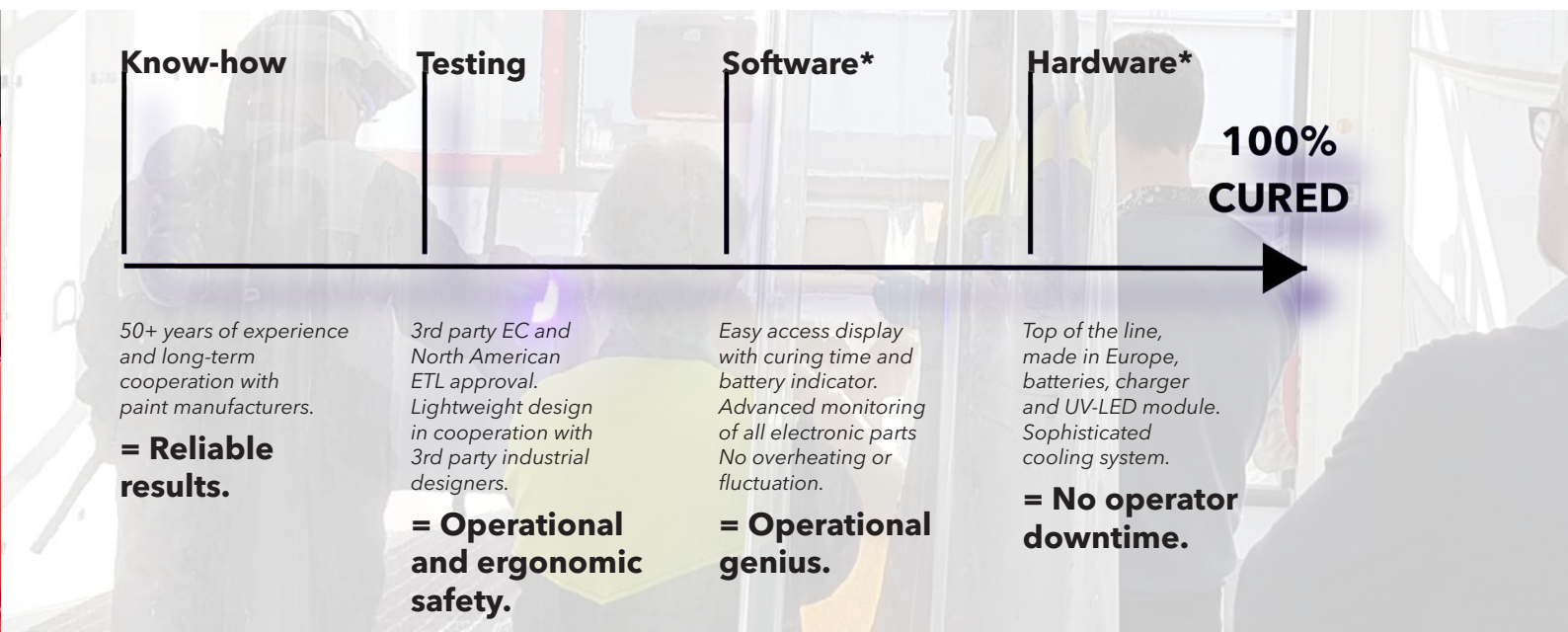
# 100% CURED
## Non-fluctuating curing cycle

*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.

| Know-how | Testing | Software* | Hardware* |
|---|---|---|---|

**100% CURED**

| 50+ years of experience and long-term cooperation with paint manufacturers. | 3rd party EC and North American ETL approval. Lightweight design in cooperation with 3rd party industrial designers. | Easy access display with curing time and battery indicator. Advanced monitoring of all electronic parts No overheating or fluctuation. | Top of the line, made in Europe, batteries, charger and UV-LED module. Sophisticated cooling system. |
| **= Reliable results.** | **= Operational and ergonomic safety.** | **= Operational genius.** | **= No operator downtime.** |

*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 μm, Ø 160 mm is cured in appr 10 sec. (Peak light intensity >350 mW/cm$^2$, average >250 mW/m$^2$).

### WALL BRACKET
Magnetic wall bracket, included as standard.



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



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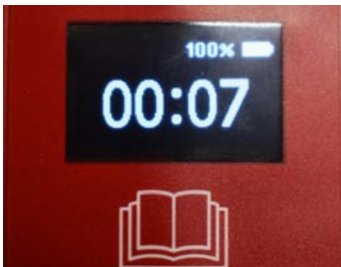24 pieces of domed LED´s create a unique beam spread over the complete curing area.



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



### CARDBOARD BOX*



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

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





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

**DETAILS**

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

**IRT UV SMARTCURE**

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

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

*\* SmartCure 395 nm alternatives:*
*EU; in cardboard box 715070-1 / EU; in hard case 715070-2*
*NA; in cardboard box 715070-3 / NA; in hard case 715070-4*
*UK; in cardboard box 715070-5 / UK; in hard case 715070-6*
*JP; in cardboard box 715070-7 / JP; in hard case 715070-8*
*AUS; in cardboard box 715070-9 / AUS; in hard case 715070-10*

*\* SmartCure 365 nm alternatives:*
*EU; in cardboard box 715365-1 / EU; in hard case 715365-2*
*NA; in cardboard box 715365-3 / NA; in hard case 715365-4*
*UK; in cardboard box 715365-5 / UK; in hard case 715365-6*
*JP; in cardboard box 715365-7 / JP; in hard case 715365-8*
*AUS; in cardboard box 715365-9 / AUS; in hard case 715365-10*

# IRT UV 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$^2$, average >70 mW/m$^2$).

# THE MOST POWERFUL HANDHELD UV LED CURING LAMP JUST GOT **STRONGER**



## 400 W UV-A LED longlife flexibility:

### HEAVY-DUTY POWER CABLE
Ideal for harsch environments. Excellent mechanical resistance to impact and abrasion. Adds flexibility and improved work comfort.

### QUICK CONNECTORS
Quick connectors on both ends of the power cable for easy replacement. Replaceable quick connect cable (middle) EU, part no. 715203.

### UPGRADED HEAT MANAGMENT
Two fans increase the air flow, keeping the temperature securely regulated.

### EXTENDED LIFE TIME WITH FILTERS
Filters keep the inside free from overspray and dust. Part no. 715204 (6 pcs).

### SPOTCURE ON STAND (OPTIONAL)
Combined fixed/handheld curing. Timer for stand (optional).

| IRT UV SPOTCURE | | | | | | |
|---|---|---|---|---|---|---|
| Part no. | Current | Output power | Fuse | Voltage | Risk group EN62471 | Frequency |
| **800805 Stand** | | | | | | |
| **712821 Timer for stand (not for 800802, NA)** | | | 10 A | 220-240V, 1 PH, EU | | 50 Hz |
| 750746 SpotCure | 1.7 A | 400 W | 10 A | 220-240V, 1 PH, EU | 3 (RG-3) | 50-60 Hz |
| 800801 SpotCure | 1.7 A | 400 W | 10 A | 220-240V, 1 PH, UK | 3 (RG-3) | 50-60 Hz |
| (800802 SpotCure*) | 4.0 A | 450 W | 15 A | 110-130V, 1 PH, NA* | 3 (RG-3) | 50-60 Hz |

*UV Safety glasses included in delivery.*
*\* For the North American market, a ETL/UL certified version is available without filter and quick connect cable.*

| DIMENSIONS | |
|---|---|
| Handheld (WxHxD) | 147x195x160 mm |
| Handheld weight | 1.56 kg |
| Bracket (WxHxD) | 245x370x270 mm |
| Bracket weight | 5.54 kg |
| Stand (WxHxD) | 450x1450x600 mm |
| Stand weight | 13 kg |
| Cord length | 10 m |

# *COMBINATION OF IR AND UV-A CURING*
## Our best in class IR and UV-A dryers in one

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

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

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

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

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

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

### *FLEXIBILITY AND EFFICIENCY*
Space saving infrared and UV-A drying techniques which can be run individually and in sequence.

**SAFETY FIRST**

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

## *IRT 4-1 IR-UVA*

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

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

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

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

| IRT COMBI 4-1 IR-UVA | | | | | |
| --- | --- | --- | --- | --- | --- |
| Part no. | Power | Fuse | Current | Voltage | Frequency |
| 800605 | IR: 6 kW  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

| DIMENSIONS | |
| --- | --- |
| Stand height | 1450 mm |
| Cassette vertical range (height) | 80-2240 mm |
| Width | 1230 mm |
| Weight | 85 kg |
| Curing area | |
| - IR* | 2,2 x 1,5 m |
| - UV-A** | 1,8 x1,0 m |

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

| IRT COMBI 4-2 IR-UVA | | | | | |
| --- | --- | --- | --- | --- | --- |
| Part no. | Power | Fuse | Current | Voltage | Frequency |
| 800606 | IR: 12 kW  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
- Unique combination of IR and UV-A curing

**DIMENSIONS**

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

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

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

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

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

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

**DIMENSIONS**

| Installation height | 2250-3150 mm |
|---|---|
| Cassette vertical range (height) | 80-2240 mm |
| Weight | 85 kg |
| Curing area | |
| - IR* | 2,2 x 1,5 m |
| - UV-A** | 1,8 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<br>UVA: 2,4 kW | Max 100 A | IR: 16 A<br>UVA: 6 A | 380-420V, 3 Ph/PE | 50-60 Hz |

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# 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.

**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.



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

UNDERHUNG CROSS RAIL SYSTEM



WALL RAIL SYSTEM



RAIL SYSTEM

# IRT RAIL DRYERS
## Easy gliding and self-balancing dryers





**SAFE AND CLEAN**

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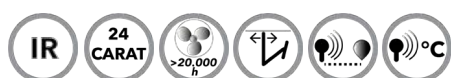
**IRT CONTROL SYSTEM**

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

**DUST & SURVEILLANCE SYSTEM**

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



## IRT 3-20
### Adapted for prep station and spray booth

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

**IRT 3-20 PCD**

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

**DIMENSIONS**

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

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

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## IRT 4-10

### User friendly advanced technology

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

| IRT 4-10 PCAUTO | | | | | |
|---|---|---|---|---|---|
| Part no. | Current | Output power | Fuse | Voltage | Frequency |
| 800489 | 9 A | 6 kW | 10 A | 400V, 3 PH, EU | 50-60 Hz |
| 800525 | 15 A | 6 kW | 20 A | 200-230V, 3 PH, NA ETL | 50-60 Hz |
| 800494 | 9 A | 6 kW | 15 A | 440-480V, 3 PH, NA ETL | 50-60 Hz |

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

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

## IRT 4-20

### User friendly advanced technology

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

| IRT 4-20 PCAUTO | | | | | |
|---|---|---|---|---|---|
| Part no. | Current | Output power | Fuse | Voltage | Frequency |
| 800480 | 30 A | 12 kW | 32 A | 200-230V, 3 PH, EU, JP | 50-60 Hz |
| 800498 | 30 A | 12 kW | 30 A | 200-230V, 3 PH, NA ETL | 50-60 Hz |
| 800464 | 17 A | 12 kW | 20 A | 400V, 3 PH, EU | 50-60 Hz |
| 800479 | 17 A | 12 kW | 20 A | 440-480V, 3 PH, NA ETL | 50-60 Hz |

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

* Curing area at a distance of 60 cm, on black sheet metal
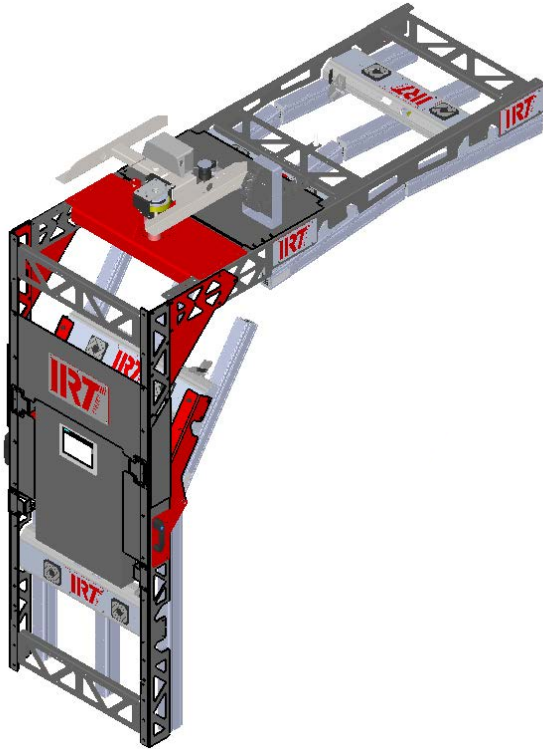
# IRT FLEXICURE
## Shorter curing times in the prep area

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

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

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

### TIME SAVING IN THE PREP AREA
IRT FlexiCure is installed in a standard IRT Rail System and accelerates curing of water- and solventbased base and clear coats.

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

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

### WORKSHOP CUSTOMIZATION
*Please contact your local retailer or IRT sales contact for assistance with customization for your workshop.*

### TECHNICAL DATA

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

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# 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*

### 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 |

### WORKSHOP CUSTOMIZATION

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

### TECHNICAL DATA

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

*) Incl. Surveillance System

# 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 | IRT 4-2 PcAuto |
|---|---|---|---|---|---|---|---|---|
| Even heat distribution | • | • | • | • | • | • | • | • |
| Short curing times | • | • | • | • | • | • | • | • |
| Environmentally friendly, efficient use of energy | • | • | • | • | • | • | • | • |
| 24 carat gold coated reflectors with 97% reflection | • | • | • | • | • | • | • | • |
| Powerful ventilation provides the lamps with a service life of up to 20,000 operating hours | | • | • | • | • | • | • | • |
| FreeForm reflectors for an unsurpassed drying surface | | • | • | • | • | • | • | • |
| Efficient particle filter that creates a dust-free environment in the cassettes | | | • | • | • | • | • | • |
| Enclosed cassette cables | | | • | • | • | • | • | • |
| The angle of the arm provides increased reach | | | | • | • | • | • | • |
| The stand is adapted also to dry high cars, e.g. SUVs | | | | • | • | • | • | • |
| The arm is self-locking in all positions | | | | • | • | • | • | • |
| 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 | | | | | | | • | • |

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# IRT UV-A DRYERS

## Basic features

| | UVA 1-3 | UVA 1-4 | UVA 2-4 | IR/ UVA 4-1 | IR/ UVA 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.

# SPARE PARTS

| IRT 1& 2 PrepCure | Art. no. |
|---|---|
| IR Lamp 360, 1kW, 230V | 102700 |
| Lamp holder LRU3 (M5x16) w. washer | 712393 |
| Knob (wing) male M8, for stand | 410009 |
| 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 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 |
| Wall bracket | 715129 |
| Cable for charger | EU: 715154 US: 715367 UK: 715173 JP: 715197 AUS: 715198 |

| 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 |

| 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 |

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# 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**

### COMBINATION OF BOTH
These spray gun cleaners are suitable for both solvent-based and water borne cleaning

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*APPROVED BY*

Manual   Automatic   Waterborne   Solvent

# DRESTER

## *DRESTER BOXER*

### 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*

*From the land of engineering*

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## 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

**Manual**    **Automatic**    **Water-borne**

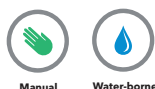| DIMENSIONS | |
|---|---|
| Height | 1510 mm (59.5") |
| Width | 835 mm (33.0") |
| Max depth | 650 mm (25.5") |
| Depth at the floor | 610 mm (24.0") |
| Weight | 65 kg (140 lb) |

| DRESTER BOXER AQUA | | | |
|---|---|---|---|
| Compressed air needed | Extraction capacity | Extractor diameter | 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) | 80 mm (3.15") | DB22A (Blue) DI22A (Stainless steel) |

## DRESTER CLASSIC 1000

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

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

**Manual**    **Water-borne**

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

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

## DRESTER CLASSIC 1050

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

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

**Manual**    **Water-borne**

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

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

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## DRESTER BOXER DOUBLE SOLVENT
### Compact size spray gun cleaner with two working stations

- Automatic cleaning with re-circulating solvent
- Equipped with a patented Auto box
- Flow-through brush fed with re-circulation solvent

**Manual**   **Automatic**   **Solvent**

| 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″) |
| Weight | 75 kg (165 lb) |

| DRESTER BOXER DOUBLE SOLVENT | | | |
|---|---|---|---|
| **Compressed air needed** | **Ventilation capacity required** | **Extractor diameter** | **Part.no.** |
| 7–12 bar (110–180 psi) 150 l/min (6 cfm) | 500 m³/h (310 cfm) | 125 mm (5″) | DB22S (Blue) DI22S (Stainless steel) |

## DRESTER BOXER QUATTRO SOLVENT
### Full-size spray gun cleaner with four working stations

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

**Manual**   **Automatic**   **Solvent**

| DIMENSIONS | |
|---|---|
| Height | 1510 mm (59.5″) |
| Width | 1185 mm (33.0″) |
| Max depth | 650 mm (25.5″) |
| Depth at the floor | 610 mm (24.0″) |
| Weight | 105 kg (230 lb) |

| DRESTER BOXER QUATTRO SOLVENT | | | |
|---|---|---|---|
| **Compressed air needed** | **Ventilation capacity required** | **Extractor diameter** | **Part.no.** |
| 7–12 bar (110–180 psi) 150 l/min (6 cfm) (450 l/min (16 cfm) with DRESTER AIRVENT 11660) | 800 m³/h (500 cfm) | 125 mm (5″) | DB44S (Blue) DI44S (Stainless steel) |

## 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**   **Solvent**

| DIMENSIONS | |
|---|---|
| Height | 1830 mm (72″) |
| Width | 590 mm (23″) |
| Weight | 30 kg (66 lb) |

| DRESTER BOXER COMPACT 11 | | | | |
|---|---|---|---|---|
| **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) |

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## 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

**Manual**  **Solvent**

**DIMENSIONS**

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

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

## DRESTER CLASSIC 3600

### Automatic spray gun cleaner with manual clean rinse

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

**Manual**  **Automatic**  **Solvent**

**DIMENSIONS**

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

| DRESTER 3600 | | | |
|---|---|---|---|
| Compressed air needed | Ventilation capacity required | Extractor diameter | Part.no. |
| 7–12 bar (110–180 psi) 250 l/min (9 cfm) | 140 m³/h / 82 cfm (15 m extension) 180 m³/h / 106 cfm (5 m extension) | 125 mm (5") | 3600 (Blue) 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**  **Solvent**  **Water-borne**

**DIMENSIONS**

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

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

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## DRESTER X-SERIES MANUAL
### Manual spray gun cleaner

- One manual wash compartment with re-circulating solvent
- Solvent flow is activated by a foot pedal
- Equipped with a solvent brush and compressed air dryer

**DIMENSIONS**

| | |
|---|---|
| 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) |

Manual  Solvent

| DRESTER X-SERIES MANUAL | | | | |
|---|---|---|---|---|
| **Compressed air needed** | **Ventilation capacity required** | **Extractor diameter** | **Max. dum size** | **Part.no.** |
| 7–12 bar (110–180 psi) 90 l/min. (3 cfm) 1 pump 370 l/min (14 cfm) incl. AIRVENT 11660 in operation | 500 m³/h (310 cfm) | 125 mm (5") | 60 litres | DIX11M |

## DRESTER X-SERIES AUTOMATIC
### Automatic spray gun cleaner

- One automatic wash compartment for solvent or water-borne solvent
- Hand-switch operated
- Equipped with timer and compressed air dryer

**DIMENSIONS**

| | |
|---|---|
| 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) |

Automatic  Water-borne

| DRESTER X-SERIES MANUAL | | | | |
|---|---|---|---|---|
| **Compressed air needed** | **Ventilation capacity required** | **Extractor diameter** | **Max. dum size** | **Part.no.** |
| 7–12 bar (110–180 psi) 90 l/min. (3 cfm) 1 pump 370 l/min (14 cfm) incl. AIRVENT 11660 in operation | 500 m³/h (310 cfm) | 125 mm (5") | 60 litres | DIX11 |

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

- Automatic wash compartment for solvent or water-borne solvent
- Manual wash compartment cleaning of primer and filler tools, scrapers etc.
- Equipped with timer, solvent brush and compressed air dryer

**DIMENSIONS**

| | |
|---|---|
| Height | 1510 mm (59.5") |
| Width | 1185 mm (33") |
| Max. depth | 650 mm (25.5") |
| Depth at the floor | 610 mm (24") |
| Weight | 95 kg (209 lb) |

Manual  Automatic  Solvent

| DRESTER X-SERIES DOUBLE | | | | |
|---|---|---|---|---|
| **Compressed air needed** | **Ventilation capacity required** | **Extractor diameter** | **Max. dum size** | **Part.no.** |
| 7–12 bar (110–180 psi) 180 l/min. (6 cfm) 2 pumps 460 l/min (17 cfm) incl. AIRVENT 11660 in operation | 600 m³/h (380 cfm) | 125 mm (5") | 60 litres | DIX22 |

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## 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

**Manual** · **Automatic** · **Solvent** · **Water-borne**

| DIMENSIONS | |
|---|---|
| Height | 1510 mm (59.5") |
| Width | 1185 mm (33") |
| Max. depth | 650 mm (25.5") |
| Depth at the floor | 610 mm (24") |
| Weight | 65 kg (210 lb) |

| DRESTER BOXER DOUBLE COMBO | | | |
|---|---|---|---|
| Compressed air needed | Ventilation capacity required | Extractor diameter | 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) | 125 mm (5") | DB22C (Blue) DI22C (stainless steel) |

## 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

**Manual** · **Automatic** · **Solvent** · **Water-borne**

| DIMENSIONS | |
|---|---|
| Height | 1510 mm (59.5") |
| Width | 1185 mm (33") |
| Max. depth | 650 mm (25.5") |
| Depth at the floor | 610 mm (24") |
| Weight | 95 kg (210 lb) |

| DRESTER BOXER TRIPLE COMBO | | | |
|---|---|---|---|
| Compressed air needed | Ventilation capacity required | Extractor diameter | Part.no. |
| 7–12 bar (110–180 psi) 250 l/min (9 cfm) (450 l/min (16 cfm) with DRESTER AIRVENT 11660) | 500 m³/h (310 cfm | 125 mm (5") | DB33C (Blue) DI33C (stainless steel) |

## 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

**Manual** · **Automatic** · **Solvent** · **Water-borne**

| DIMENSIONS | |
|---|---|
| Height | 1510 mm (59.5") |
| Width | 1185 mm (33") |
| Max. depth | 650 mm (25.5") |
| Depth at the floor | 610 mm (24") |
| Weight | 105 kg (230 lb) |

| DRESTER BOXER QUATTRO COMBO | | | |
|---|---|---|---|
| Compressed air needed | Ventilation capacity required | Extractor diameter | Part.no. |
| 7–12 bar (110–180 psi) 250 l/min (9 cfm) (450 l/min (16 cfm) with DRESTER AIRVENT 11660) | 800 m³/h (310 cfm | 125 mm (5") | DB44C (Blue) DI44C (stainless steel) |

**DRESTER**

# DRESTER QUICKRINSE

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

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

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

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

## DRESTER QR-10

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

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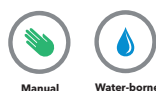
**DIMENSIONS**

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

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

## DRESTER QR-20

### Manual spray gun cleaner for solvent based paints

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

**DIMENSIONS**

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

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

## DRESTER QR-TT

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

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

**DIMENSIONS**

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

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

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# DRESTER DYNAMIC TRIPLE

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

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

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

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

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

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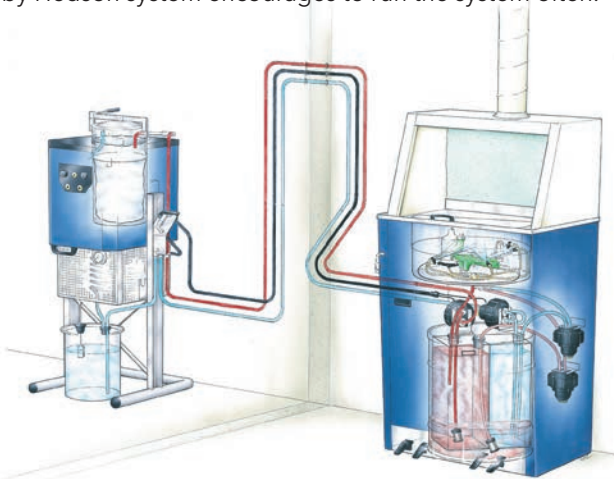


### TO SETUP A *DRESTER DYNAMIC TRIPLE* YOU NEED THE FOLLOWING UNITS

1 DRESTER SPRAY GUN CLEANER

2 DOCKING UNIT

3 RECYCLER

## 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* |

## DRESTER 120 – RECYCLER

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

**DIMENSIONS**

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

**DRESTER RECYCLER**

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

# DRESTER

## DRESTER WASTE MANAGEMENT
### Safe and efficient way to get rid of paint residues and waste in the workshop

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

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

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

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

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

## DRESTER MIXING TABLE
### Keeps the mixing room structured

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

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

## HERKULES LACKY TABLE
### Table with a lot of storage space suitable for the mixing room

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

| HERKULES LACKY TABLE | | | |
|---|---|---|---|
| **Width** | **Overall Height** | **Depth** | **Part.no.** |
| 1200 mm | 1395 mm | 650 mm | LT-05[1] |
| 1800 mm | 1395 mm | 650 mm | LT-06[1] |

[1] *Paper roll holder and extraction system available as accessories.*

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# DRESTER SPRAY GUN CLEANERS

## Basic features

| | SOLVENT | | AQUA | COMBO | | | 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 | | | ● | | | ● | | |

\* DC11 can be used for automatic cleaning with either solvent or waterborne solvent, such as Drester AquaSolve
\*\* RDX must be placed outside of the cabinet

# DRESTER SPRAY GUN CLEANERS

## 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

**Part.no.** R8701 – Main filter *(standard)*
R8702 – Pre-filter *(always to be used)*
Delivered in 5 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 |

### 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 |

### FLOCCULATION POWDER

**Part.no.** 9211
Delivered in can / 1,5 kg.

*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 |

*From the land of engineering*

# *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

### *LIFTING ON WHEELS*
These lifts are wheel supported for easy access to damaged areas on the vehicles.



### *LIFTING ON CHASSIS*
These lifts are chassis supported for a wheel free operation.



### *COMBINATION OF BOTH*
These lifts are a combination of both wheel and chassis supported lifts, one lift – two possibilities.
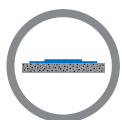




### *ON-GROUND*
Simply fix with screws and dowels, and the lift is ready for immediate use.



### *IN-GROUND*
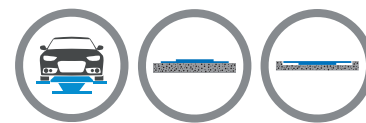In-ground installation to concrete or grids.



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

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## 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 |
|---|---|
| **Overdrive height** (on-ground) | 110 mm |
| **Pit depth** (in-ground) | 160 mm |

1300 mm lifting height

3.2 tons lifting capacity

For wheelbases up to 3500 mm

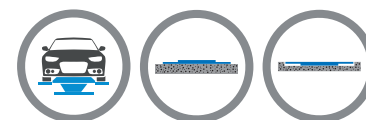| **HERKULES AIRGOMATIC HLS 3213** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Part.no. | Loading capacity | Air supply | Wheelbase (min/max) | Lifting time | Lowering time | Weight | Installation |
| HLS 3213-11 | 3.2 tons | 8 bar | 1600/3500 mm | approx. 25 sec* | approx. 30 sec* | 925 kg | 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) |

\* 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 (on-ground/in-ground) | 930 / 805 mm |
|---|---|
| **Overdrive height** (on-ground) | 110 mm |
| **Pit depth** (in-ground) | 125 mm |

930 mm lifting height

2.5 tons lifting capacity

For wheelbases up to 3200 mm

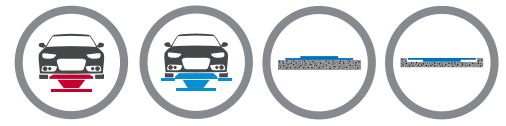| **HERKULES AIRGOMATIC HLS 3213** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Part.no. | Loading capacity | Air supply | Wheelbase (min/max) | Lifting time | Lowering time | Weight | Installation |
| HLS 1200-11 | 2.5 tons | 8 bar | 1500/3200 mm | approx. 25 sec* | approx. 30 sec* | 750 kg | 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

*From the land of engineering*

## 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

**ALTERNATIVELY**



**DIMENSIONS**

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

### HERKULES AIRGOMATIC 3213 DUO

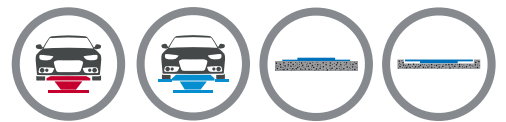| Part.no. | Loading capacity | Air supply | Wheelbase (min/max) | Lifting time | Lowering time | Weight | Installation |
|---|---|---|---|---|---|---|---|
| HLS 3213-DUO-11 | 3.2 tons | 8 bar | 1600/3500 mm | approx. 25 sec* | approx. 30 sec* | 1050 kg | On-ground |
| HLS 3213-DUO-14 | 3.2 tons | 8 bar | 1600/3300 mm | approx. 25 sec* | approx. 30 sec* | 955 kg | In-ground |
| HLS 3213-DUO-16 | 3.2 tons | 8 bar | 1600/3300 mm | approx. 25 sec* | approx. 30 sec* | 955 kg | In-ground, CE-stop** |
| HLS 3213-DUO-17 | 3.2 tons | 8 bar | 1600/3500 mm | approx. 25 sec* | approx. 30 sec* | 1070 kg | Transmobile (HLT-06) |

\* 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**

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

### HERKULES HLS 1200 DUO

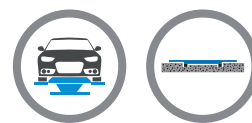| Part.no. | Loading capacity | Air supply | Wheelbase (min/max) | Lifting time | Lowering time | Weight | Installation |
|---|---|---|---|---|---|---|---|
| HLS 1200-DUO-11 | 2.5 tons | 8 bar | 1500/3200 mm | approx. 25 sec* | approx. 30 sec* | 850 kg | On-ground |
| HLS 1200-DUO-14 | 2.5 tons | 8 bar | 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

## HERKULES HLQ
**Lift for existing rail system***
**- for transportation between spraying and drying booths**
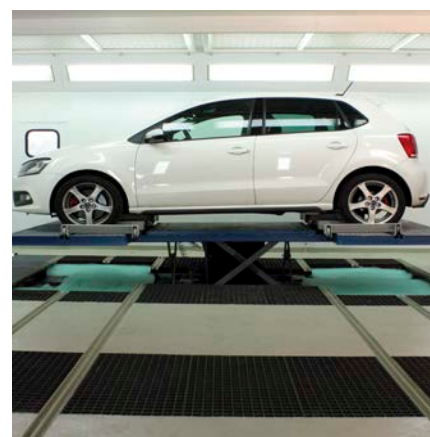
- Lifting on wheels
- Vehicles can be moved sideways
- Installation in-ground



*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 |

*From the land of engineering*

## 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

825-930 mm lifting height
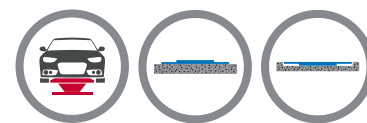
**DIMENSIONS**

| | |
|---|---|
| **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

930 mm lifting height
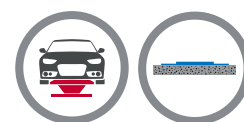
**DIMENSIONS**

| | |
|---|---|
| **Lifting height** | 930 mm |
| **Overdrive height** | 110 mm |
| **Weight** | 840 kg |

**HERKULES K700**

| 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 |

* With empty lift

# 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 | HLQ 01 | HM 1100-01 | HM 1100-04 | K700-45 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SCOPE OF DUTIES** | | | | | | | | | | | | | | | | |
| Paint- and body work | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Tirework | | | | ● | ● | ● | | | | ● | ● | ● | | ● | ● | ● |
| **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 | (●) | ● | (●) | (●) | ● | (●) | (●) | ● | (●) | (●) | ● | (●) | ● | ● | ● | ● |
| **LIFTING SPECIFICATIONS** | | | | | | | | | | | | | | | | |
| Chassis supported | | | | ● | ● | ● | | | | ● | ● | ● | | ● | ● | ● |
| Wheel supported | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | |
| **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 | | ● | | | ● | | | ● | | | ● | | | | ● | |
| On-ground | ● | | ● | ● | | ● | ● | | ● | ● | | ● | ● | ● | | ● |
| Mobile | | ● | | | | ● | | | ● | | | ● | | | (●) | |
| On-rail | | | | | | | | | | | | | ● | | | |

Standard ●
Optional (●)

*From the land of engineering*

## *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 AIRGOMATIC 3213 AND HERKULES AIRGOMATIC 3213 DUO FOR TRANSMOBILE | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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) |

* 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



| HERKULES TRANSMOBILE  FOR HLS 1200 | | | |
|---|---|---|---|
| Part.no. | Loading capacity | Drive | Remote control |
| HLT 03 | 2.5 tons | 24 V | Yes |

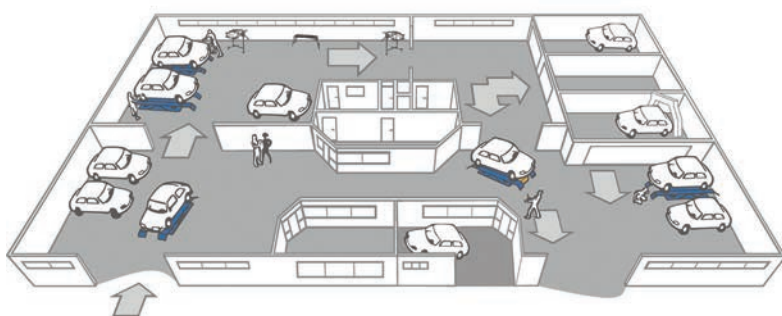| HERKULES HLS 1200  AND HERKULES HLS 1200 DUO FOR TRANSMOBILE | | | | | | | |
|---|---|---|---|---|---|---|---|
| Part.no. | Loading capacity | Air supply | Wheelbase (min/max) | Lifting time | Lowering time | Weight | Installation |
| HLS 1200-17 | 2.5 tons | 8 bar | 1500/3000 mm | approx. 25 sec* | 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



| HERKULES TRANSMOBILE | | | |
|---|---|---|---|
| Part.no. | Loading capacity | Drive | Remote control |
| HLT 06[1] | 3.2 tons | 24 V | Yes |
| HLT 03[2] | 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 | |
|---|---|
| **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 |

*From the land of engineering*

**Herkules**

# 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 PAINTER

| 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**



# 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 user-friendly 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**

## 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

### DIMENSIONS CABINET

| | |
|---|---|
| Height | 1010 mm |
| Width | 510 mm |
| Depth | 570 mm |
| Weight | 70 kg |

### HERKULES T2 TURBO, CABINET

| Part.no. | Motor power | Circulatory | Depression | Filter area | Noise level max. | Electric tension |
|---|---|---|---|---|---|---|
| E1S | 1300 W | 220 m³/h | 220 mbar | 10470 cm² | max. 64 dB | 1,3 kW |
| HEXA-COMB-T2S* | 1300 W | 220 m³/h | 220 mbar | 10470 cm² | max. 64 dB | 1,3 kW / 230 V |

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

### DIMENSIONS WALL-MOUNTED

| | |
|---|---|
| Height* | 1010 mm |
| Width | 510 mm |
| Depth | 570 mm |
| Weight | 70 kg |

*from substrate

### 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 cm² | max. 64 dB | 1,3 kW |
| HEXA-COMB-T2W* | 1300 W | 220 m³/h | 220 mbar | 10470 cm² | 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**

- Stable steel construction
- Adjustable departments
- Extendable arms



| HERKULES LACKY TENDER | | | | |
|---|---|---|---|---|
| Part.no. | Lenght | Width | Height | Weight |
| 300-297 | 900 mm | 680 mm | 1090 mm | 41 kg |

## *HERKULES LACKY BUMPER*

**Safe storage and easy transportation of bulky vehicle parts**

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



| HERKULES LACKY TENDER | | | | |
|---|---|---|---|---|
| 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



| HERKULES STEP-BENCH | | | |
|---|---|---|---|
| Part.no. | Loading capacity | Weight | Dimensions |
| 300-257 | 120 kg | 5,0 kg | 1000x330x325 mm |
| | | 6,5 kg | 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 |

E-mail: info@hedson.com • www.hedson.com

# *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

## 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

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

[3]) Incl. in delivery: 2 trolleys, 20 kg (44lbs) of DoublePower Granules, Heater, Granule Basket, CleanRinse, Granule Filter

### WHEEL DIMENSIONS

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

### UNIT DIMENSIONS

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

[2]) without water or DoublePower

### WATER CONSUMPTION AND TIME

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

[4]) Dry blowing not included

### OPTIONS & ACCESSORIES

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

### CONSUMABLES

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

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

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

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

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

²) Without water or DoublePower

| OPTIONS & ACCESSORIES GP10 & GP12 | |
|---|---|
| **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**[4] | Adjustable settings from 25-155 sec settings when delivered 25, 50, 75, 100 sec |
| **Clean rinse** | 0.3 litre/wheel |

⁴) 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 | | | | |
|---|---|---|---|---|
| **Compressed air needed** | **Air consumption** | **Air flow** | **Power supply** | **Part.no.** |
| 8-12 bar (120-174 psi) | 400 litre/wash cycle | 1000 litre/min. at 7 bar | 400V, 3~, 50 Hz, 16 A | WD10302-AD1 |

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

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

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

²) Without water or DoublePower

| WATER CONSUMPTION AND TIME | |
|---|---|
| **Water volume** | 310 liter |
| **Water consumption** | 1 litre/washed wheel |
| **Cleaning time/ wheel**[4] | 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

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

[3]) Incl. in delivery: 1 rubber mat, 20 kg (44 lbs) of DoublePower Granules, Heater, Granule Basket

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

| UNIT DIMENSIONS | |
|---|---|
| Measures (WxDxH) | 1140x1005x1450 mm (45x39.5x57") |
| Weight of unit | 220 kg (704 lbs)[2] |

[2]) Without water or DoublePower

| WATER CONSUMPTION AND TIME | |
|---|---|
| Water volume | 210 liter |
| Water consumption | 1 litre/washed wheel |
| Cleaning time/ wheel[4] | 30, 60, 90, 120 sec |

[4]) Dry blowing not included

| OPTIONS & ACCESSORIES W-450 | |
|---|---|
| Water Cleaning | 230812 |
| Clean Rinse | 14830 |
| Granule Filter | 230508 |

# DRESTER WHEEL WASHERS BY HEDSON

## Standard features and equipment

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

*From the land of engineering*

**DRESTER**

# 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!

**2.**

**1.**

**3.**

### ARTICLES IN FILTER VERSIONS

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

### CONSUMABLES

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

### ACCESSORIES

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

### WASTE WATER CLEANING CYCLE

1. Wastewater is pumped from the wheel washer to the filter unit.

2. Inside the filter unit, a flocculating and filtering process separates the waste sludge from the water.

3. Ultimately purified water is directed to a drain.

### DIMENSIONS

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

### DRESTER GP FILTER eQ

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

[1]) 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.

[2]) Incl. in delivery: 5 m Drain Hose, 5 m Water Hose, 5 kg Floculation Powder, 15 pcs Filter Bags

# *WE ARE HERE FOR YOU!*

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