nyloprint® Flowline Washer DWT 90

The nyloprint® Flowline Washer DWT 90 is an automated solution for processing waterwash nyloprint® printing plates.

A practical all-in-one unit with a proven ‘plush’ washout system that prevents the removal of fine elements, suitable for plates up to a maximum width of 900 mm (approx. 35.4”).

Clearly laid out design, simple and easy to maintain and low energy consumption are some of the features of the DWT 90.

The height of the ‘plush’ carriers can be easily adjusted to suit different plate thicknesses. The automatic re-rinsing process can be adjusted to minimise the water and energy consumption, so working in an environmentally friendly way.

The nyloprint® Flowline Washer DWT 90 features:

• A single person operated, automated flowline system for processing waterwash nyloprint® printing plates
• Washout, rinsing and then drying with simultaneous UVA post-exposure, all inline in one device
• Washout with the proven ‘plush’ system, with a gently abrasive action that prevents the washing away of fine elements
• Optional brushes available for special applications
• Continuously adjustable plate transport speed with digital display
• Two easily adjustable plush carriers to suit different plate thicknesses
• Low noise level during operation
• Excellent build quality with a stainless steel construction, offering a long service life

Important

An ‘adhesive’ carrier plate for processing foil based plates is included - a ‘magnetic’ carrier plate for steel backed plates is an optional extra.
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Technical data

- Maximum plate width ........................................ 900 mm (35.4")
- Minimum plate length ..................................... 300 mm (11.8")
- Electrical connection ........................................ 230V, 60 Hz (3Ph/PE) / 400V, 50 Hz (3Ph/N/PE)
- Nominal current ............................................... 25 A / 16 A
- Nominal power .................................................. 10,0 kW
- Fuse protection ............................................... 3 x 20 A
- Connection fresh water .................................... R ½", 2 – 4 bar (29 – 58 PSI)
- Fresh water consumption at 30°C (86°F) ........ flow rate 0.3 m³/h (0.18 CFM)
- Waste water connection ................................... R 1½"
- Exhaust air ...................................................... Ø 50 mm (2")
- Flow speed ...................................................... 40 – 350 mm/min (0.13 – 1.14 ft/min)
- Water tank capacity ......................................... 75 litres (20 gallons) (approx.)
- Post-exposure tubes ......................................... 16 pcs, TLK 40W 10R, 590 mm (23.2")
- Heating capacity of dryer ................................. 6 kW
- Heating capacity of water tank ....................... 2 kW
- Weight ........................................................... 610 kg (1345 lbs) net (approx.)
- ........................................................... 1000 kg (2205 lbs) gross (approx.)
- Crate dimensions (L x W x H) ....................... 3050 x 1850 x 1250 mm (approx.)
- ........................................................... (120.1” x 72.8” x 49.2")

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