

RI 505 DW

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"EXCLUSIVELY" offered by JV Imaging Solutions

Rapid Imaging 505 DW

The World's first processor with double washout area for large format digital flexographic plates up to 52x80 inches.

The RI 505 DW (Digital Washer) represents the state-of-the-art of the washer units for flexo plates in large format (52 x 80 inches / 132 x 203 cm). The unit works with any kind of plate and is equipped with a unique system to process the digital plates. RI 505 DW has two separate tanks for the solvent. One, which is dedicated to the pre-washer, collects the solvent used to remove the mask layer of the digital plate. The other tank is for the washing section and is used only with non-contaminated solvent. The efficient movement of the brushes allows high speed processing time and a perfect result for each plate.

The very first processor dedicated to digital and analog flexo plates



Features	Advantages
Pre-washer section, to remove the mask layer of the digital plates.	The solvent used during the pre-washer section is collected into a dedicated tank. The solvent for the washout section is non-contaminated by residue of layer and/or carbon.
Rotating brushes with oscillating movement in opposing directions.	The opposition of this particular movement of the brushes reduces the processing time and eliminates any kind of movement of the plate itself when in contact with the brushes. This ensures a perfect and stable position of the plate, thus optimizing the mechanical action of the brushes and making the whole process reach a higher speed.
A simple locking system allows the removal of the brushes without requiring any kind of tool.	Easy and immediate access to the brushes, simplifying maintenance and cleaning operations.
Integrated solvent density meter in the unit's hydraulic circuit.	This device measures the percentage of polymer present in the washing solvent, topping it off with fresh solvent when the values exceed the setup values. As a result the machine always works with clean solvent, thereby obtaining greater accuracy in the process, producing an excellent result.

FEATURES:

- . Double and independent hydraulic system for the pre-washing section (to remove the layer) and for the wash-out of the plate.
- . Automatic in-process plate washing and cleaning
- . PLC controlled, 20 memory channels.
- . Routine maintenance program.
- . Easy-to-use touchscreen display.
- . Rotating brushes with oscillating movement in opposing directions.
- . Automatic pneumatic plate feed-in.
- . Rotating brushes gears driven.
- . Integrated heater-chiller for solvent temperature control.
- . Solid content measurement device and automatic solvent replenishment.
- . Integrated solvent fume extraction system.
- . Delivered with 2 pin bars and an external punch.

SPECIFICATIONS

Dimensions (WxLxH):

82 x 180 x 40 in (2080 x 4570 x 1000 mm)

Weight:

2954 lbs. (1340 kg)

Power supply:

230V 3Ph/Pe 50/60 Hz 8.5kW 24A

400V 3Ph/N/Pe 50/60 Hz 8.5 Kw 13A

Maximum plate size:

52 x 80 inches / 1320 x 2032 mm

Plate thickness:

Up to 0.276 inches (7 mm)

Compressed air supply:

6 bar minimum



For more information, please contact us at:

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