

# RI 505 DW-XP

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## Rapid Imaging 505 DW-XP

The RI 505 DW-XP is the first processor in the world that combines the revolutionary features of the RI 505DW and the RI 505XP. This unique unit can wash plates in batch or in-line mode processing digital or conventional flexo plate up to 52" x 80" (132 x 203cm). Equipped with the pre-wash "DW" system that removes and separates the black mask layer. This processor has also been designed for low maintenance. Washout brushes can be removed in seconds without tools. Brushes are gear driven, solvent saturation is automatically controlled and regulated. All operations are made via color touch screen, software includes maintenance program.

Features	Advantages
Batch mode.	The plate is completely processed at once, on its whole surface, optimizing the processing time of each single plate.
In-line mode.	The plates are processed continuously, one after the other, optimizing the production time for users who look for higher productivity and shorter processing time for plates of the same thickness.
Pre-washer section, to remove the layer of the digital plate.	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 and cylindrical 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 bushes and making the whole process reach a higher speed.
Automatic cleaning cycles.	Different cleaning cycles are automatically performed to ensure consistent quality. Such as: wiping brushes cleaned after every plate is processed, cleaning when turning off the unit, circulation of solvent in stand-by to keep the brushes "ready to use".
Integrated solvent density meter in 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 controlled saturated solvent, ensuring greater accuracy in the process.

### FEATURES:

- . Processing system in batch or in-line (incremental) mode
- . Double and independent hydraulic system for the pre-washing section
- . Automatic in-process plate washing and cleaning
- . PLC controlled, 20 memory channels.
- . Routine maintenance program.
- . Easy-to-use touchscreen display.
- . Double oscillating and rotating brush movement.
- . Automatic pneumatic plate feed-in with safety locks
- . Unique brush locking system for easy maintenance
- . Integrated heater-chiller for solvent temperature control.
- . Integrated solvent saturation analyses and automatic solvent replenishment
- . Continuous solvent fume extraction system.
- . Delivered with 4 pin bars and an external punch.

"EXCLUSIVELY" offered by JV Imaging Solutions

The revolutionary processor with double washout area for large format flexo plates working in batch or in-line mode.



### SPECIFICATIONS

#### Dimensions (WxLxH):

85 x 250 x 43 in (215 x 634 x 110 cm)

#### Weight:

4740 lbs. (2150 kg)

#### Power supply:

230V 3Ph/Pe 50/60 Hz 10kW 27A  
400V 3Ph/N/Pe 50/60 Hz 10 Kw 15A

#### Maximum plate size:

52 x 80 inches / 1320 x 2032 mm

#### Plate thickness:

Up to 0.276 inches (7 mm)

#### Air extraction:

600 m3/h

#### Compressed air supply:

6 bar minimum



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