



Concept 505 DW

**ROBUST.
FLEXIBLE.
TRUSTED.**

The world's first flexographic processor with double washout area

Concept 505 DW is the first processing unit with double washout area for large-format digital flexographic plates up to 132 x 203 cm (52"x80").

Concept 505 DW (Digital Washer) represents the state-of-the-art of the washer units for flexo plates in large format (132 x 203 cm). The unit works with any kind of plate and is equipped with a particular system to process the digital plates. Concept 505 DW has two separate tanks for the solvent. One, which is dedicated to the pre-washer, collects the solvent used to remove the layer of the digital plate. The other tank is for the washing section and is used only with non-contaminated solvent.

The efficiency of the brush movement allows high speed in processing time and a perfect result of the plate.



▲ Operator friendly colour touch screen with graphic display of all functions, 20 memory channels and PCL control.



▲ Rotating brushes with oscillating movement in opposing directions (an original Degraf concept).



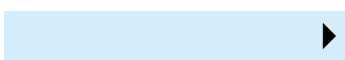
▲ Integrated heater-chiller for solvent temperature control, solid content measurement and solvent replenishment.



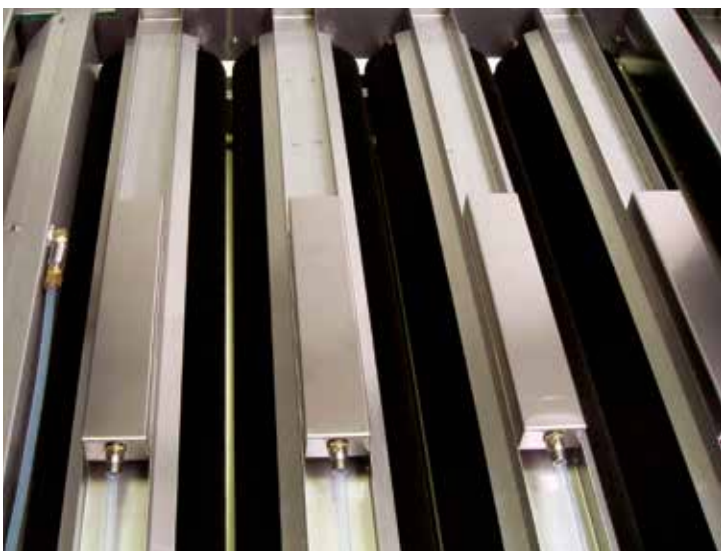
▲ Integrated solvent fume extraction system.



A solvent density meter measures washing solvent, topping it up with fresh solvent when the values exceed the setup values, thereby maintaining an excellent result.



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.



The unique brush movement reduces the processing time and eliminates any kind of movement of the plate when in contact with the brushes.



Double and independent hydraulic system for the pre-washing section (to remove the layer) and for the wash-out of the plate.



Technical Specifications

MODEL	Concept 505 DW
PERFORMANCE	
Plate types	Flexographic plates
Plate size (max)	1320 x 2030 mm (52 x 80")
CONSUMPTION	
Power (operate)	8,5 kW -- 13/24A
Power (source)	400V 3PH + N / 230V 3 PH --50/60HZ
Compressed air	YES - 6 bar
Air extraction	600 m³/h
GENERAL	
Dimensions (uncrated)	2030 x 4480 x 970 mm (79.9 x 176.4 x 38.1")
Weight (uncrated)	1250 kg (2756 lbs)
Dimensions (crated)	2400 x 3000 x 2000 mm (94.5 x 118.0 x 78.7.)"
Weight (crated)	1600 kg (3527 lbs)

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