



# Concept

305-505 *DW/XP*

GLUNZ & JENSEN 



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*Concept 505 DW-XP*

 work positive

# ROBUST. RELIABLE. TRUSTED.

For more than 40 years Glunz & Jensen has been world's leading and most trusted provider of equipment and solutions for the global prepress industry.

We invest heavily in simpler and more efficient technologies to help drive profitability and productivity for our flexo customers.

Glunz & Jensen is developing fully automated, integrated systems that improve process optimisation and deliver more accurate, faster results with less manpower, lower operating costs and with no risk of costly human error.

We produce complete flexographic prepress solutions for all flexo plates in the market, while having the largest installed base of flexo processing equipment in the world.

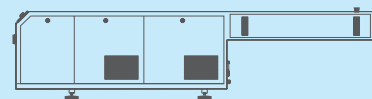
The latest Concept DW series is the ultimate processing experience in terms of processing quality and stability, comprising high productivity processors with a separate pre-wash section for black mask removal and efficient rinse/wiping function.

The Concept series fulfills the highest expectations for even the most demanding print jobs on a daily basis.

## Concept 305 P

Concept 305 P is the right option for customers who look for an economical processing solution with small footprint in the mid-range size.

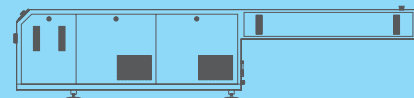
Comprised of rotating and oscillating brushes, touch screen display, integrated solvent temperature and viscosity controls, it is capable of processing plates with or without black mask.



## Concept 405-505 DW

The Concept DW series is equipped with an additional Digital Wash section to remove the black mask layer from the printing plate. This separates the black mask particles from the main wash tank and provides easier processor cleaning and wider processing latitude for your plates.

The Concept DW series is equipped with rotating and oscillating brushes, touch screen display, integrated solvent temperature and fully automatic viscosity controls for optimal wash-out results.

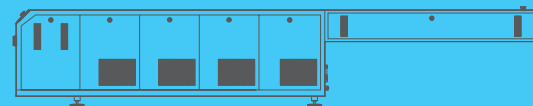


## Concept 505 DW-XP

Based on the extremely successful DW family, the 505 DW-XP is equipped with additional wash-out brushes and the ability to process plates in incremental and batch modes.

This makes 505 DW-XP the fastest processing solution in the world. 505 DW-XP offers all other well-proven features such as Digital Wash section, rotating and oscillating brushes, touch screen display, integrated solvent temperature and fully automatic viscosity controls.

The 505 DW-XP is your preferred solution, if you are looking for maximum productivity, along with excellent processing quality and workflow flexibility.





**PLC controlled operations** functions and monitoring of the unit. Standardised modules and worldwide electrical configurations.

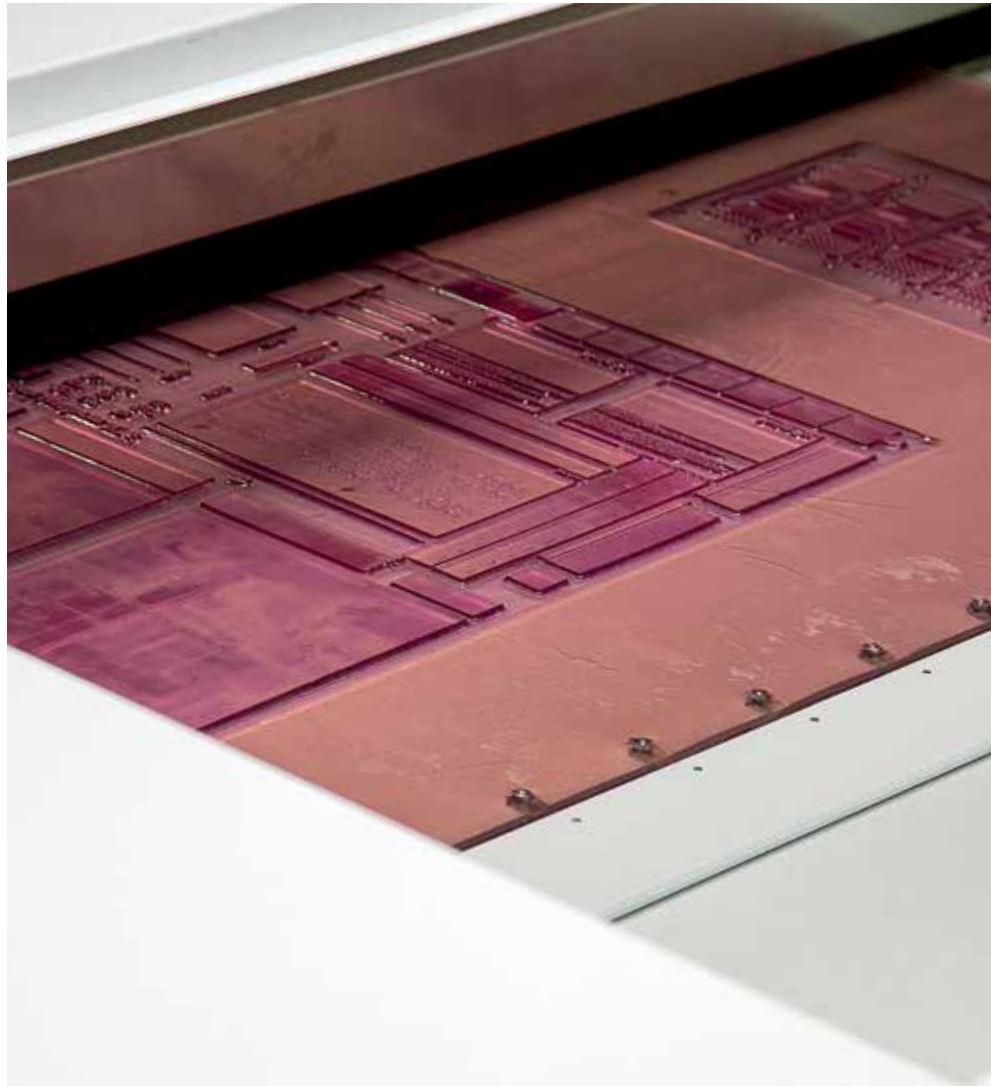
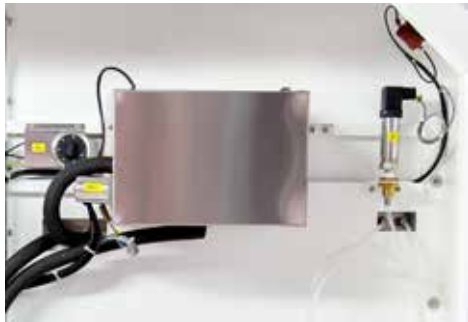


**Solvent distribution trays** provide even flow across the brushes for effective plate washing.



**Dual wash-out tank** for digital flexo plates: Digital wash section for black mask removal is separated from the main solvent tank for easier maintenance and perfect wash-out results.

**User friendly colour touch screen** for setup and control of all operations and parameters. Displays a schematic layout of the processor for service, access and troubleshooting.

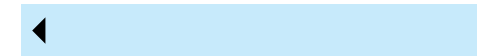


**Fully automated temperature and viscosity controls:** For consistent and high quality processing results.

**Maximum speed optimisation**  
Batch mode: Fast and time optimised for single plate washout. (520 DW- XP only)

Incremental mode: Time optimisation for continuous plate processing.

**Fast and easy access** for cleaning and maintenance operations:  
Pumps, motors, drive mechanics are conveniently located on the side.



Perfect plate wash-out with contra-rotating brushes. Oscillating brush movement in opposing directions.

## Concept Processors

| MODEL                                     | Concept 305 P   | Concept 305 DW   | Concept 405 DW  | Concept 505 DW  | Concept 505 DW-XP   |
|---|---|--|---|---|---|
| <b>PERFORMANCE</b>                        |   |  |   |   |   |
| Max. Plate size                           | 920 x 1200mm (36 x 47")   | 920 x 1200mm (36 x 47")  | 1200 x 1600mm (47 x 63")  | 1320 x 2032mm (52 x 80")  | 1320 x 2032mm (52 x 80")  |
| Min. Plate width                          | 210mm (8.2")  | 210mm (8.2")   | 210mm (8.2")  | 210mm (8.2")  | 210mm (8.2")  |
| Min. Plate length                         | 297mm (11.7")   | 297mm (11.7")  | 297mm (11.7")   | 297mm (11.7")   | 297mm (11.7")   |
| Max. Plate thickness                      | Up to 7mm (0.27")   | Up to 7mm (0.27")  | Up to 7mm (0.27")   | Up to 7mm (0.27")   | Up to 7mm (0.27")   |
| <b>CONSUMPTION</b>                        |   |  |   |   |   |
| Power Consumption                         | 6500W   | 8500W  | 8500W   | 8500W   | 10000W  |
| Power Supply                              | 3W+N+PE, 400VAC<br>3W+PE, 230VAC                                    | 3W+N+PE, 400VAC<br>3W+PE, 230VAC                                   | 3W+N+PE, 400VAC<br>3W+PE, 230VAC                                    | 3W+N+PE, 400VAC<br>3W+PE, 230VAC                                    | 3W+N+PE, 400VAC<br>3W+PE, 230VAC                                    |
| Air Extraction                            | 600m <sup>3</sup> /hr   | 600m <sup>3</sup> /hr  | 600m <sup>3</sup> /hr   | 600m <sup>3</sup> /hr   | 600m <sup>3</sup> /hr   |
| Exhaust Connection                        | 140mm (5.5")  | 140mm (5.5")   | 140mm (5.5")  | 140mm (5.5")  | 140mm (5.5")  |
| Compressed Air                            | 6 bar (87 psi)  | 6 bar (87 psi)   | 6 bar (87 psi)  | 6 bar (87 psi)  | 6 bar (87 psi)  |
| <b>GENERAL</b>                            |   |  |   |   |   |
| Dimensions (WxLxH) and Weight, Equipment  | 1680 x 3350 x 970mm<br>(66.1 x 131.9 x 38.2")<br>1000kg (2205 lbs)  | 1680 x 3686 x 970mm<br>(66.1 x 145.1 x 38.2")<br>1130kg (2491 lbs) | 1960 x 4150 x 970mm<br>(77.2 x 163.4 x 38.2")<br>1300kg (2866 lbs)  | 2080 x 4450 x 970mm<br>(81.8 x 175.2 x 38.2")<br>1400kg (3087 lbs)  | 2150 x 6230 x 1070mm<br>(84.6 x 245.3 x 42.1")<br>1730kg (3814 lbs) |
| Dimensions (WxLxH) and Weight incl. Crate | 1870 x 2290 x 1750 mm<br>(73.6 x 90.2 x 68.9")<br>1275kg (2811 lbs) | 1870 x 2230 x 1760mm<br>(73.6 x 87.8 x 69.3")<br>1427kg (3146 lbs) | 2220 x 2730 x 1750mm<br>(87.4 x 107.5 x 68.9")<br>1585kg (3495 lbs) | 2280 x 2730 x 1740mm<br>(89.8 x 107.5 x 68.5")<br>1690kg (3726 lbs) | 2320 x 4380 x 1740mm<br>(91.3 x 172.4 x 68.5")<br>2270kg (5005 lbs) |
| <b>TANK CAPACITIES</b>                    |   |  |   |   |   |
| Main solvent tank                         | 118 ltrs (31.2 US gal)  | 151 ltrs (39.9 US gal)   | 169 ltrs (44.7 US gal)  | 335 ltrs (88.6 US gal)  | 335 ltrs (88.6 US gal)  |
| Digital section                           | 38 ltrs (10.0 US gal)   | 40 ltrs (10.6 US gal)  | 40 ltrs (10.6 US gal)   | 73 ltrs (19.3 US gal)   | 73 ltrs (19.3 US gal)   |
| Cooling water tank                        | 6 ltrs (1.6 US gal)   | 6 ltrs (1.6 US gal)  | 6 ltrs (1.6 US gal)   | 6 ltrs (1.6 US gal)   | 6 ltrs (1.6 US gal)   |

Note: Specifications are subject to changes without prior notice.

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### MONOTECH SYSTEMS LIMITED

III Floor, City Centre, No. 66, Thirumalai Road, T. Nagar, Chennai 600 017, INDIA

Phone + 91 44 2815 7928 / 7894 / 7933, Fax + 91 44 2815 7973

Email : info@monotech.in web : www.monotech.in

 monotechsystems
  monotechsystems
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