

Concept 205 C



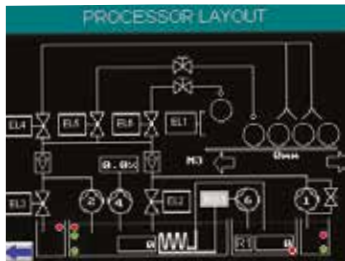
**COMPACT.
CONVENIENT.
EASY TO USE.**

Compact all-in-one unit for flexographic plates

Concept 205 C is the new generation compact, all-in-one integrated unit especially designed to house the entire flexographic production cycle for 660 x 810 mm (26 x 32") size plates: exposure, processing, drying and finishing. This product has been fully designed to reflect the market demand focusing in very high quality production of digital flexo plates and includes many features, such as:

- UV-A output increase by 20% for the most advanced exposing section
- Processing system with 4 rotating brushes to reduce the processing time
- Solid content measurement device with dosing pump to ensure optimal solvent condition during use
- Insulated dryer drawers for a better temperature uniformity and reduced drying time

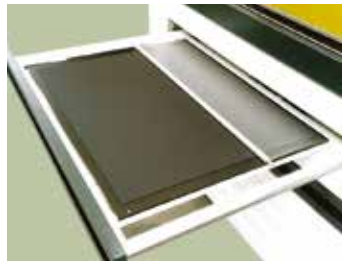
With the Concept 205 C, Degraf confirms its leadership in the all-in-one platemaking equipment by offering a product with the best technology for extraordinary results in term of quality.



Operator friendly colour touch screen with graphic display of all functions, 24 memory channels and PLC control.



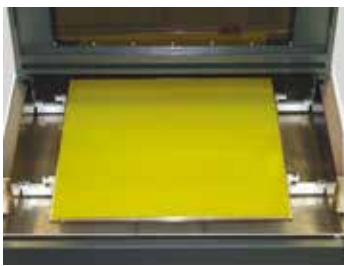
Exposure with 16 high power lamps, airflow for temperature regulation.



Cooled Bed for optimal temperature in exposure section.



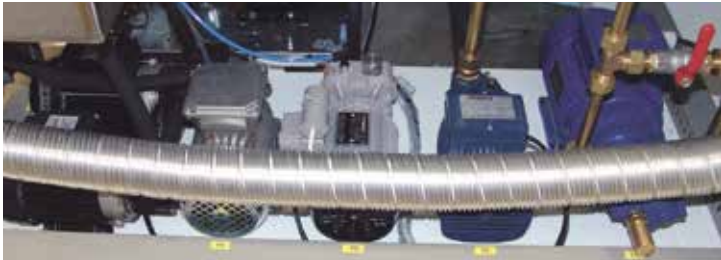
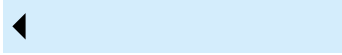
Drying section includes four drawers with individual timers. Insulated for temperature uniformity and fast drying time.



The processor includes a self-adhesive holder for positioning the plate, integrated heating and cooling device for solvent temperature control and automatic replenishment.



Exposure lamps feature automatic detection of defective lamps, temperature regulation, working hours counter and easy access for replacement.



Separate pumps, pneumatic valves and solid content measurement device with dosing pump allows the user to benefit from better solvent condition during use.



Post-exposure and Light Finisher use UV-A and UV-C lamps with electronic ballast, optic fibre detection system for defective lamps and an integrated solvent fume extraction system



Technical Specifications

MODEL	Concept 205 C
PERFORMANCE	
Plate types	Flexographic plates
Plate size (max)	660 x 810 mm (26 x 32")
CONSUMPTION	
Power (operate)	10 kW — 15/23A
Power (source)	400V 3PH + N / 230V 3 PH -- 50/60Hz
Compressed air	6 - 10 bar
Air extraction	400 m ³ /h Processor 100 m ³ /h Dryer 400 m ³ /h Light Finisher
GENERAL	
Dimensions (uncrated)	2300 x 1670 x 1250 mm (90.6 x 65.8 x 49.2")
Weight (uncrated)	1000 kg (2205 lbs)
Dimensions (crated)	2470 x 1870 x 1550 mm (97.2 x 73.6 x 61.0")
Weight (crated)	1260 kg (2778 lbs)

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