

Concept 200 C

All-in-one unit for exposure, washing, drying and finishing

A single piece of equipment for the total management of flexographic plate production

The Degraf brand is synonymous with technological innovation, reliability and quality. Degraf has achieved its position as a result of a targeted corporate strategy, which drives the company's daily operations: this includes understanding how our customers work, developing a thorough knowledge of their requirements, investing in research and development, which allows us to create innovative solutions. The use of advanced technologies allows Degraf customers to stay competitive and up to date.

Concept 200 C is a complete integrated unit that can manage the entire flexographic production cycle for 66 x 81 cm format plates: exposure, washing, drying and finishing. These features make the Concept 200 C the perfect choice for restricted spaces, which are typical of the "narrow-web" market and for label-making operations. They also include an efficient hydraulic system, automated controls for all functions, programming for all values and for operating cycles and a viscosity meter for monitoring residual polymers in the washing solvent. All of these features are accessible via an effective and user-friendly touchscreen which allows the user to control all operating functions.

When Time is the issue, it's Time for new Concepts, it's Time for Degraf.



Features	Advantages
All functions can be accessed and operated from the front side.	Fast and easy operation. The equipment can be adjusted for use in restricted spaces.
Washing unit with adhesive solvent-resistant plate.	The use of a punch device is not necessary, thereby reducing material waste.
Washing system with two rotating and oscillating brushes and a finishing brush.	Able to develop any type of plate, digital or analog, of any thickness, without having to adjust the height of the brushes. The pressure exerted on the plates takes place progressively and is lower than traditional systems; this makes it possible to avoid any shifting on the washing bed. At the end of the washout stage, and prior to being positioned in the dryer drawer, the plate is thoroughly pre-dried and is free from any residual solvent.

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List of features

- All of the sections are controlled via PLC
- Easy-to-use touchscreen display
- Graphic display of the equipment on the interface display

Exposure unit

- Drawer with 18 UV-A 60W 10/R bulbs
- Automatic monitoring of defective bulbs
- Cooling fan, automatic adjustment of bulb temperature
- 20 memory channels, operating time counter
- Simplified bulb replacement

Developer

- Automatic plate washing and cleaning
- Rotating brushes with oscillating and rotating movement
- Plate re-washing brush for the end of the washing cycle
- Permanent self-adhesive for the plate lock. No punching is required
- Integrated heating and cooling system allows the operator to control the solvent temperature
- Automatic solvent replenishment
- Integrated solvent fume extraction system

Dryer

- 4 drawers
- 2 x 800W heating elements
- Fume extraction system
- Timer for each drawer

Finisher

- 11 UV-C 75W bulbs
- 12 UV-A 60W bulbs
- Automatic monitoring of defective bulbs
- 20 memory channels
- Fume extraction system



Power	8.2 kW
Power supply	400V 3PH + N / 230V 3 PH
Intensity	12A / 20A
Frequency	50 / 60 Hz
Compressed air	YES - 6 bar
Air extraction	400 m ³ /h Processor - 100 m ³ /h Dryer - 400 m ³ /h LF
Dimensions	1550 x 2110 x 1300 mm.
Weight	880 kg.
Dimensions with packaging	1750 x 2200 x 1610 mm.
Weight with packaging	1130 kg.