

ELAN

INNOVATIVE TECHNOLOGIES

Strada Lunga 91, 500035 Brasov, Romania
Tel. +40-268 419 183 / Fax. +40 - 368 816 523 / www.elan-it.ro



ELAN DRYER XXL

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ELAN DRYER XXL

The latest generation Drying Unit

Our team continues to develop innovative new solutions to help our customers expand their business by taking advantage of new and profitable opportunities in the growing flexographic packaging market. The Elan Innovative Technologies portfolio of products includes ELANExpo exposure unit, ELANDryer drying unit, ELANFinaliser post exposure and finishing unit and DISTIElan distillation equipment.

The ELAN Dryer XXL is designed with customer needs in mind; it is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.



Benefits

- Maximum plate size 50" x 80" (1,270 x 2,032 mm) or two 42" x 60" (1,067 x 1,520 mm)
- Robust and easy to support
- Each dryer with separate heating system
- Blowers, control and regulation to ensure high airflow
- Consistent and uniform temperature
- PLC control with color touch screen display
- Low energy consumption
- Optimum productivity

Product Features

ELAN Dryer XXL is capable of drying the highest quality, photopolymer plates up to a nominal maximum format of 1270 x 2032 mm (50" x 80") or two 1067 x 1520 mm (42" x 60") .

The unit is easy to install, easy to support and maintain, simple to operate, and extremely reliable.

Each of the six drawers can be individually controlled through the touch screen control panel. This allows the choice of drying time for each drawer and the time countdown is performed second by second. This function allows the user to set the most appropriate drying time, depending on the type and thickness of the plate being used.

To meet the demanding needs of high quality plates, the user can easily customize more than 100 drying set-ups, which can be stored for quick and easy recall.

Consistent drying temperatures and airflow throughout the six separate drawers of the ELAN Dryer XXL ensures plate drying uniformity, and plate dimensional stability.

The operator can open a dryer drawer to visually inspect the plate and determine its status anytime during operation.

Automatic control (closed loop) between the temperature setting on the PLC and the heating elements prevents overheating in the drawer.

Technical Data

General	Details	Other Notes
Equipment Name	ELAN Dryer XXL	Six Drawer Dryer
Plate Thickness	0.019" to 0.27"	0.5 mm to 7.0 mm
Max. Nominal Plate Width	50" (1,270 mm)	
Max. Nominal Plate Length	80" (2320 mm)	
Noise Level	< 60 dB	
Electrical	380/400 Volt – 50/60 Hz	3Ph / N / PE
Power (nominal)	10 kW	
Current (Nominal Load)	20 Amp @ 400 Volt	
Connecting Wires	5 x 10 mm ²	
Grounding	< 0.1 Ω	
Environmental Data	Temperature range: 60°F to 86°F (15°C to 30°C)	Relative humidity from 10% to 85% non-condensing
Exhaust	Ø 100 mm (3.9")	
Dimensions	Uncrated	Crated
L	92.5" (2350 mm)	102.3" (2600 mm)
W	69" (1750 mm)	82.7" (2100 mm)
H	59" (1500 mm)	67" (1700 mm)
Weight	< 1000 kg	
Color	Grey and Black	

Floor Plan



Contacts

Váncsa Jenő

director

+40 728 024 838

vancsajeno@reproflex.ro

Matthijs Mulder

director

+31 622 925 831

mulder@valuechem.nl

Kónya László

automation engineer

+40 735 520 450

klaszlo2004@gmail.com

office@elan-it.ro