

DATASHEET

ECOLAM MAX 3 - AUTOMATIC LAMINATOR



SUITABLE FOR
**GLASS
GLASS**
MODULES

CHARACTERISTICS

- USABLE AREA 2300X4200 mm (x2 in double step)
- ELECTRICAL HEATING FOR THE BEST TEMPERATURE UNIFORMITY DISTRIBUTION OVER THE PLATE
- THE SHORTEST & HIGHLY RELIABLE CYCLE TIMES
- EXCELLENT LEVELS OF GEL CONTENT TEST
- LONG LIFE OF SILICONE MEMBRANE (3000 CYCLES)
- MEMBRANE CHANGE IN <20 MINUTES
- EXTERNAL PUMP HOUSING WITH EVA GAS FILTERING
- DOUBLE PUMP POSSIBILITY
- AUTOMATIC LOADING AND UNLOADING SYSTEM
- EASY RECIPE MANAGEMENT, SUITABLE FOR DIFFERENT ENCAPSULANTS

CAPACITY
3MODULES
PER CYCLE

SUITABLE FOR
**GLASS
GLASS**
MODULES

HIGH QUALITY
VACUUM

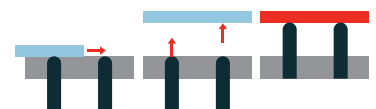
OPTIONALS

BACK UP PUMP

A second pump system as backup in case of a programmed maintenance work

PIN LIFT SYSTEM

System which raises the module from the plate during the evaporation step. Recommended for particular BIPV solutions





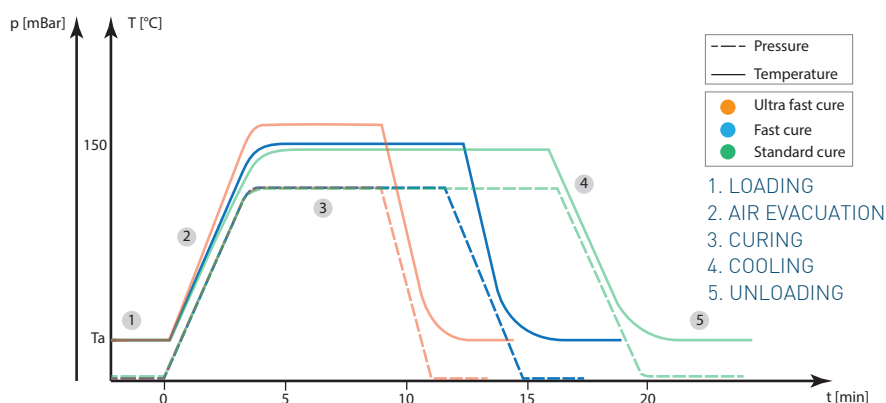
TECHNICAL SPECIFICATIONS

THROUGHPUT	3 modules/cycle; 30-60 modules/h (depends on encapsulant used)
CYCLE TIME	Depends on the encapsulant being used
USABLE AREA	2300 x 4200 mm (x2 in Double Step)
TECHNICAL AVAILABILITY	>95%
MODULE LOAD AND UNLOAD	Automatic belts
RANGE OF MODULE DIMENSIONS	Max module size: 2300 mm x 1400 mm Customized: according to the customer requirements
OPERATORS REQUIRED	1 operator
OPERATOR INTERFACE	User friendly touch-screen with different languages available
REMOTE ASSISTANCE	Provided with Internet connection
CHANGEOVER TIME FOR DIFFERENT MODULE SIZE	Few minutes (in the standard range)

UTILITY SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
LINE	3P+N+E
VOLTAGE	400 V
FREQUENCY	50/60 Hz
PEAK POWER	90 kW
POWER CONSUMPTION	27 kW
MAX CURRENT	135 A
PRE FUSE	150 A
AIR CHARACTERISTICS	
AIR PRESSURE	6 bar
AIR CONSUMPTION	<1 NL/1'
AIR PEAK FLOW	<1 NL/1'
AIR CONNECTION	1/4"
DIMENSIONS	
HEIGHT	2130 mm
LENGTH	13950 mm
WIDTH	3310 mm
CE WEIGHT	9000 kg

THE LAMINATION CYCLE



TEMPERATURE UNIFORMITY

