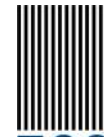


# DATASHEET

## ECOLAM MAX 4 - HIGH CAPACITY ELECTRIC LAMINATOR



ECOPROGETTI



SUITABLE FOR  
**GLASS  
GLASS**  
MODULES

### CHARACTERISTICS

- USABLE AREA 5600X2300 mm (x2 in double step)
- ELECTRICAL HEATING WITH GREAT TEMPERATURE CONTROL
- HIGH UNIFORM GEL CONTENT PERCENTAGE
- UNIFORM TEMPERATURE DISTRIBUTION
- LONG LIFE OF SILICONE MEMBRANE (3000 CYCLES)
- EXTERNAL PUMP HOUSING WITH EVA GAS FILTERING
- MEMBRANE CHANGE IN 20 MINUTES
- LOW NOISE LEVEL
- AUTOMATIC LOAD AND UNLOAD SYSTEM
- EASY RECIPE MANAGEMENT

CAPACITY  
**4**  
MODULES/CYCLE

HIGH QUALITY  
**VACUUM**

### MACHINE DETAILS

Temperature range	Ambient-180°C
Temperature uniformity	+/- 2°C
Max thickness	25 mm
Operator control	Touch screen
Usable area WxL	5600x2300 mm

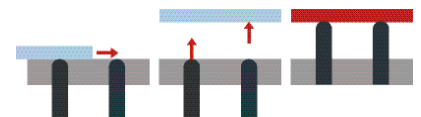
### OPTIONALS

#### BACK UP PUMP

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

#### PIN LIFT SYSTEM

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



Images for illustrative purposes only

ECOPROGETTI Srl - Italy

Via dell'Industria e dell'Artigianato, 27/C, Carmignano di Brenta, 35010 - Padua

Tel. +39 049 5991959 - info@ecoprogetti.com - www.ecoprogetti.com



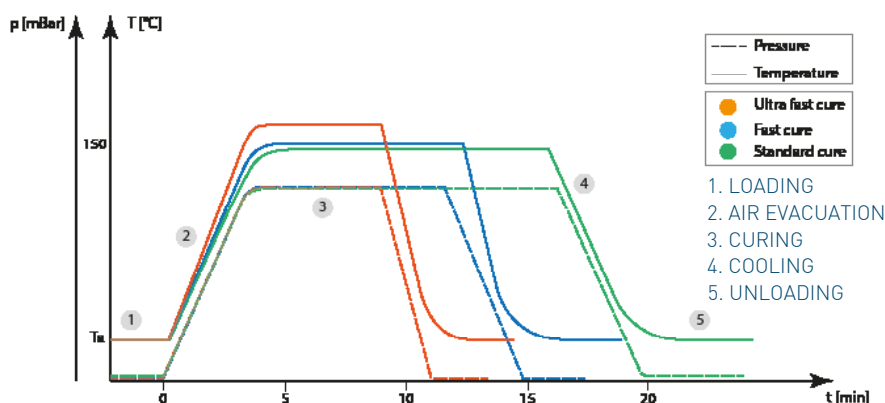
## TECHNICAL SPECIFICATIONS

THROUGHPUT	4 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	125 kW
POWER CONSUMPTION	37.5 kW
MAX CURRENT	185 A
PRE FUSE	200 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
LENGHT	18000 mm
WIDTH	3310 mm
CE WEIGHT	8000 kg

## THE LAMINATION CYCLE



## TEMPERATURE UNIFORMITY

