

DATASHEET

ECOLAM MAX 4 DS- HIGH CAPACITY ELECTRIC LAMINATOR



CHARACTERISTICS

- USABLE AREA 5600 X 2300 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
4X2
MODULES/CYCLE

HIGH QUALITY
VACUUM

SUITABLE FOR
**GLASS
GLASS**
MODULES

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



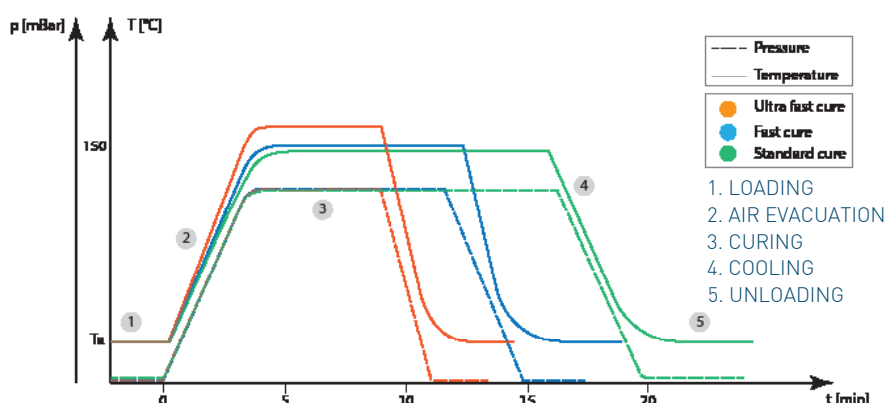
TECHNICAL SPECIFICATIONS

THROUGHPUT	4x2 modules/cycle; 28-48 modules/h (depends on encapsulant used)
CYCLE TIME	Depends on the encapsulant being used
USABLE AREA	2300 x 5600 mm (x2 in Double Step)
TECHNICAL AVAILABILITY	>95%
MODULE LOAD AND UNLOAD	Automatic belts
RANGE OF MODULE DIMENSIONS	Max module size: 2.3m x 1.4m 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	250 kW
POWER CONSUMPTION	75 kW
MAX CURRENT	360 A
PRE FUSE	400 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	24900 mm
WIDTH	3310 mm
CE WEIGHT	19000 kg

THE LAMINATION CYCLE



TEMPERATURE UNIFORMITY

