



CHARACTERISTICS

- OPERATOR FRIENDLY ARRANGEMENT;
- SUITABLE FOR CENTRALIZED J-BOX AS STANDARD;
- STORAGE CAPACITY: 270 JUNCTION BOXES;
- WORKS WITH SILICONE AND HOT GLUE;
- XY AXIS FOR SILICONE DISPENSING;
- 4 AXIS ROBOT FOR PICK AND PLACE OF J-BOXES;
- AUTOMATIC SOLDERING SYSTEM INTEGRATED;
- LOW COST OF SPARE PARTS AND CONSUMABLES;
- AUTOMATIC LOADING AND UNLOADING OF PANEL;
- CONNECTION VIA ETHERNET FOR REMOTE ASSISTANCE;

WORKS WITH
THREE
J-BOX
AS STANDARD

CYCLE TIME
<30
SEC/3J-BOX

OPTIONALS

POSITION, NUMBER AND TYPE OF J-BOXES CUSTOMIZABLE
BIGGER/SMALLER STORAGE AREA



TECHNICAL SPECIFICATIONS

MODULE SIZE	MAX panel size 2200 x 1300 mm MIN panel size: 1650 x 600 mm
COMPATIBILITY	three centralized j-boxes as standard (others upon request)*
J-BOX STORAGE	270 Junction boxes in storage system divided in 3 zones (Bigger storage as Optional)
PLASMA GUN	Yes.
SILICONE DISPENSER	Yes.
GLUE GUN	Yes.
RIBBON POSITIONING	Yes, thin pincers rise the L-bended ribbon before J-box application, and then the ribbon is bended low again before soldering
J-BOX SOLDERING	Yes with patented induction soldering system.
J-BOX HANDLING	4 axis robot for pick and place of j-boxes
LOADING AND UNLOADING	Automatic for panels and j-boxes
CYCLE TIME	30 sec / 3 j-boxes
OPERATOR	1 operator for supervision and j-box storage refill
SILICONE DRUM	20 l (200l optional)
CONTROLS	Dedicated PLC touch screen
REMOTE ASSISTANCE	Internet connection

*Send Ecoprogetti the j-box drawings you want to use in production.

UTILITY SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
LINE	3P+N+E
VOLTAGE	400 V
FREQUENCY	50/60 Hz
PEAK POWER	31 kW
POWER CONSUMPTION	25 kW
MAX CURRENT	50 A
PRE FUSE	80 A
AIR CHARACTERISTICS	
AIR PRESSURE	6 bar
AIR CONSUMPTION	<1 NL/1'
AIR PEAK FLOW	<1 NL/1'
AIR CONNECTION	1/4"
DIMENSIONS	
HEIGHT	2400 mm
LENGHT	7700 mm
WIDTH	5700 mm
CE WEIGHT	3500 kg