

# DATASHEET

# ECOPACK R - AUTOMATIC PACKING & SORTING SYSTEM



ECOPROGETTI



## CHARACTERISTICS

- FULLY AUTOMATIC SOLUTION FOR MODULE SORTING AND PACKING
- CAPACITY: 120 MODULES/HOUR
- PROVIDED OF SPECIAL VACUUM SUCTION CUPS TO PICK UP THE MODULES FROM THE CONVEYOR BELT
- ROBOTS SORTS THE MODULES AUTOMATICALLY
- SORTING IN 4 OR 6 MODULE PALLETS
- SUITABLE ALSO FOR GLASS GLASS MODULES
- POSSIBILITY TO PACK VERTICALLY AND HORIZONTALLY

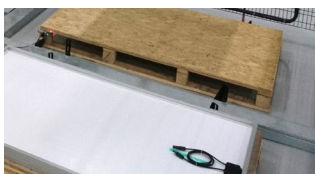
MANAGES  
**300MW**  
LINE

**120**  
MODULES  
PER HOUR

SUITABLE  
ALSO FOR  
**GLASS  
GLASS**

## OPTIONALS

**6 PALLET SPACES**  
FOR NON STOP OPEATIONS



**CORNER COVER**  
APPLICATION SYSTEM



Images for illustrative purposes only

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## TECHNICAL SPECIFICATIONS

THROUGHPUT	120 modules/hour
CYCLE TIME	30 sec/module
PACKING	Horizontal or Vertical
MODULES PALLETS	4 to 6 pallet
TECHNICAL AVAILABILITY	more than 95%
PROTECTIONS	Entire safety protect structure, higher safety insurance
COMPATIBLE MODULES	Glass+backsheet, Glass+Glass, Half-cell module
PICK & PLACE TECHNOLOGY	Suction cups Vacuum system
LIFT CAPACITY	110Kg
CONTROLS	Operator interface; PLC controlled
REMOTE ASSISTANCE	Internet connection

## UTILITY SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
LINE	3P+N+E
VOLTAGE	400 V
FREQUENCY	50/60 Hz
PEAK POWER	20 kW
MEAN POWER	15 kW
MAX CURRENT	36 A
PRE FUSE	40 A
AIR CHARACTERISTICS	
AIR PRESSURE	6 bar
AIR MEAN FLOW	40 NL/1'
AIR PEAK FLOW	30 NL/1'
AIR CONNECTION	1/4"
DIMENSIONS	
HEIGHT	3000 mm
LENGTH	7500 mm
WIDTH	6000 mm
WEIGHT	1200 kg

