

GUT - 18

Unloading System to String Box



- ▶ Semi-automatic unloading option into string boxes
- ▶ Throughput: 1800 cells/hour. Valid for 1 stringer.
- ▶ Gantry System

GENERAL CHARACTERISTICS

- ▶ Handling by gantry
- ▶ Friendly human-machine interface
- ▶ Remote assistance

THROUGHPUT CAPACITY

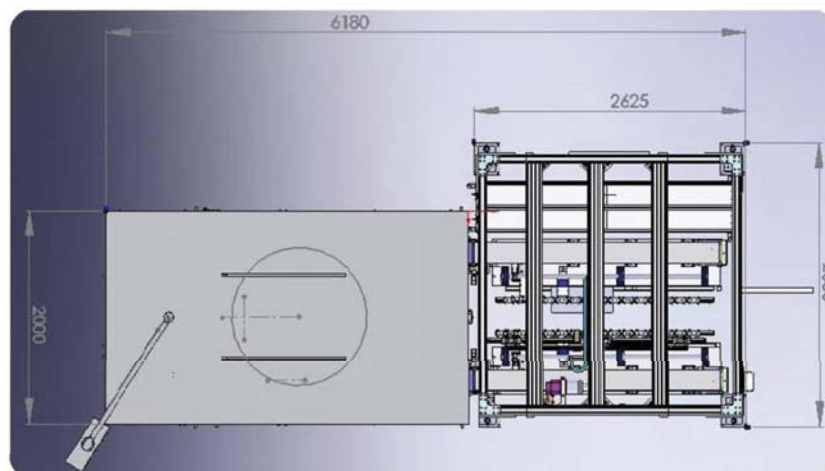
- ▶ Maximum 1800 cells/hour (based on 10 cell/string)

STRING DIMENSION (*)

- ▶ Maximum 2050 mm
- ▶ Cell gap: 2-50 mm (adjustable)

GENERAL CONSUMABLE CHARACTERISTICS

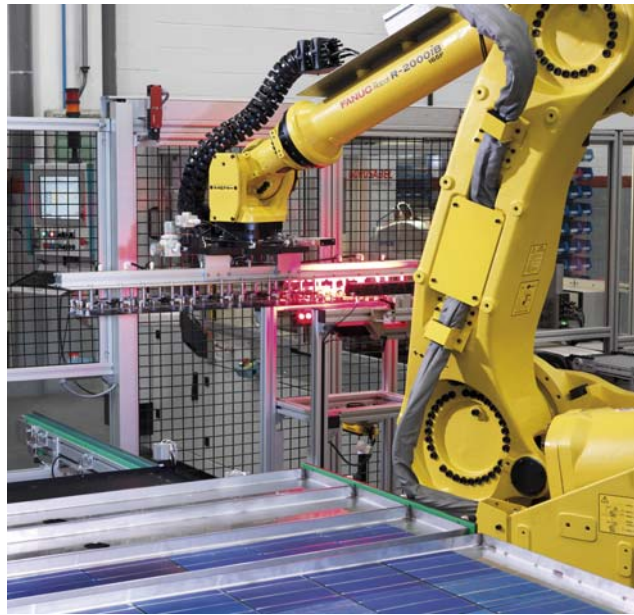
- ▶ Connection power: 48 Kw
- ▶ Nominal power consumption: 8,5 Kw/h
- ▶ Nominal air consumption: 800 l/min
- ▶ Weight: 550 Kg
- ▶ Dimensions:
2540 (L) x 2440 (W) x 1850 (H) mm



(*) Others on request

GLU - 18P

Automatic Lay-Up System



- ▶ Fully automatic system
- ▶ Throughput: 1800 cells/hour.
Valid for 1 stringer.
- ▶ 6 axis robotic handling
- ▶ String inspection by artificial vision system (optional)

THROUGHPUT CAPACITY

- ▶ Maximum 1800 cells/hour (based on 10 cell/string)

STRING DIMENSION (*)

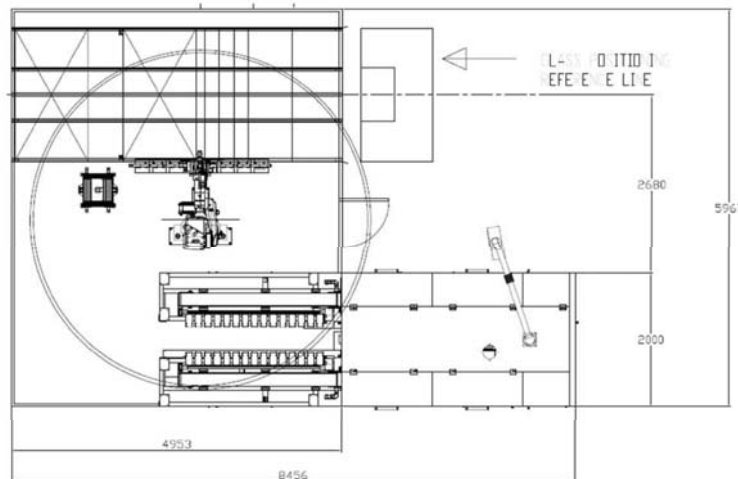
- ▶ Maximum 2050 mm
- ▶ Cell gap: 2-50 mm (adjustable)

OPTIONAL

- ▶ Artificial vision system:
 - String inspection
 - String positioning by vision system
 - String box of rejected strings

GENERAL CHARACTERISTICS

- ▶ Precise handling with robot
- ▶ Strings positioning by laser sensor
- ▶ Buffers (x4)
- ▶ Manual loading/unloading string box (x2)
- ▶ Configurable glass input/output belt
- ▶ Friendly human-machine interface
- ▶ Remote assistance

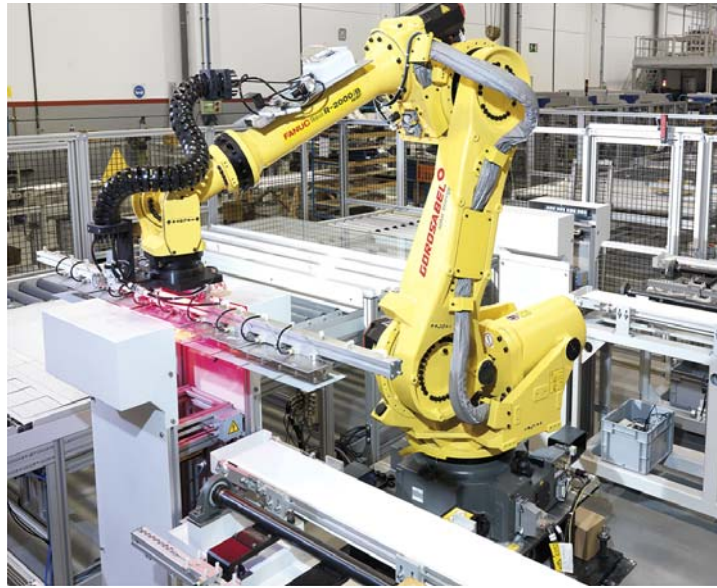


(*) Others on request



GLU - 36P

Automatic Lay-Up System



- ▶ Fully automatic system
- ▶ Throughput: 3600 cells/hour.
- ▶ 6 axis robotic handling
- ▶ String inspection by artificial vision system (optional)

THROUGHPUT CAPACITY

- ▶ Maximum 3600 cells/hour (based on 10 cell/string)

STRING DIMENSION (*)

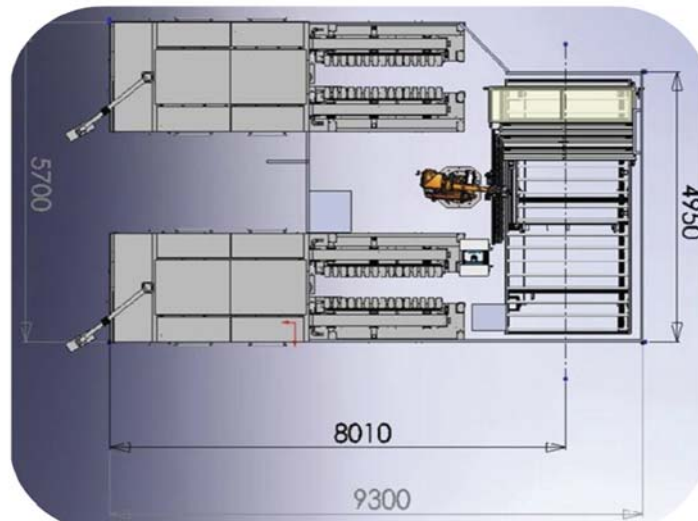
- ▶ Maximum 2050 mm
- ▶ Cell gap: 2-50 mm (adjustable)

OPTIONAL

- ▶ Artificial vision system:
 - String inspection
 - String positioning by vision system
 - String box of rejected strings

GENERAL CHARACTERISTICS

- ▶ Precise handling with robot
- ▶ Strings positioning by laser sensor
- ▶ Buffers (x4)
- ▶ Manual loading/unloading string box (x2)
- ▶ Configurable glass input/output belt
- ▶ Friendly human-machine interface
- ▶ Remote assistance
- ▶ This lay-up model can be firstly installed with a single Tabber & Stringer and upgraded in future with the second Tabber & Stringer.



(*) Others on request

