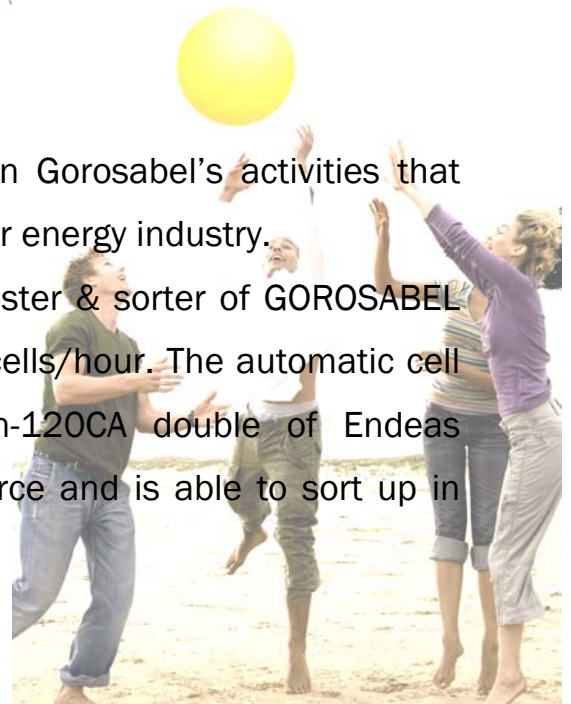


Automatic Solar Cell Tester & Sorter CL-800



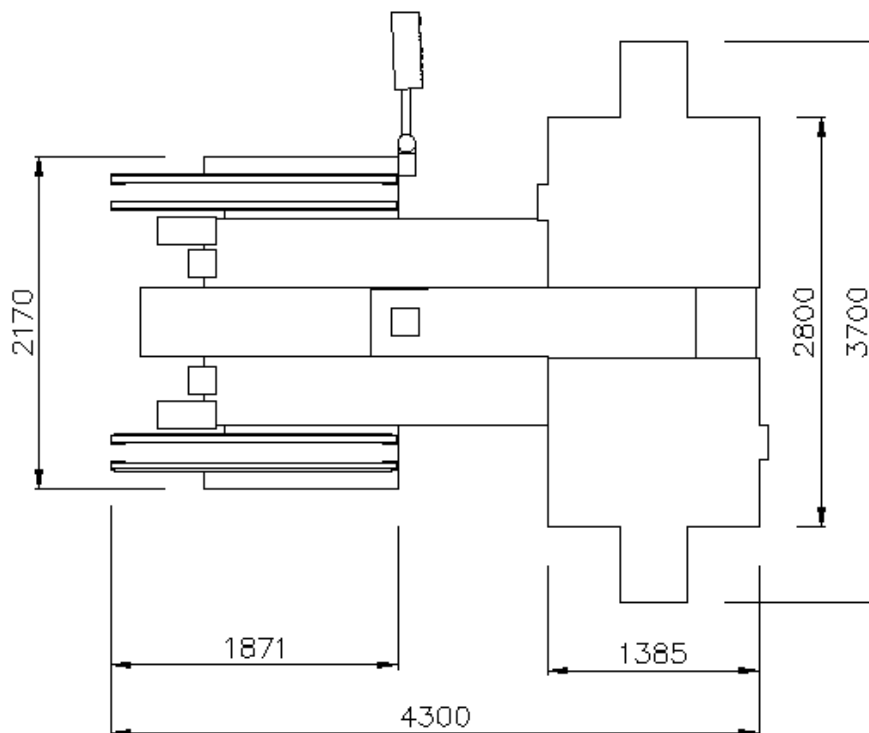
GOROSABEL solar energy is an area within Gorosabel's activities that manufactures equipment for the photovoltaic solar energy industry.

The **CL-800** belongs to the family of cell tester & sorter of GOROSABEL solar energy that reaches a production of 2000 cells/hour. The automatic cell tester&sorter has a Solar Simulator QuickSun-120CA double of Endeas integrated, which creates an AAA class light source and is able to sort up in different configurable ranges of power.





CL-800



THROUGHPUT

- Throughput: 2000 cells/hour (*)

GENERAL CHARACTERISTICS

- AAA class QuickSun-120CA double Solar Simulator
- Robotic handling
- Centered by artificial vision
- Breakage inspection
- Colour inspection (optional)
- Thickness inspection (optional)
- Friendly human-machine interface
- Remote assistance
- ID Cam (Optional)

GENERAL PRODUCTIVE CHARACTERISTICS

- Type of cell: 5" and 6" / 2 and 3 busbars (*)
- Cell breakage rate: $\leq 0,3\%$ (*)
- Cell thickness: $\geq 160\mu\text{m}$ (*) (**)

GENERAL CONSUMABLE CHARACTERISTICS

- 4300 (long) x 3700 (wide) x 2800 (high) mm
- Connection power: 8 KW
- Air consumption: 700 l/min
- Weight: 4800 kg

(*) The specifications of throughput and breakage rate are subjected to the materials prescribed by GOROSABEL solar energy.

(**) Minimum tolerance value