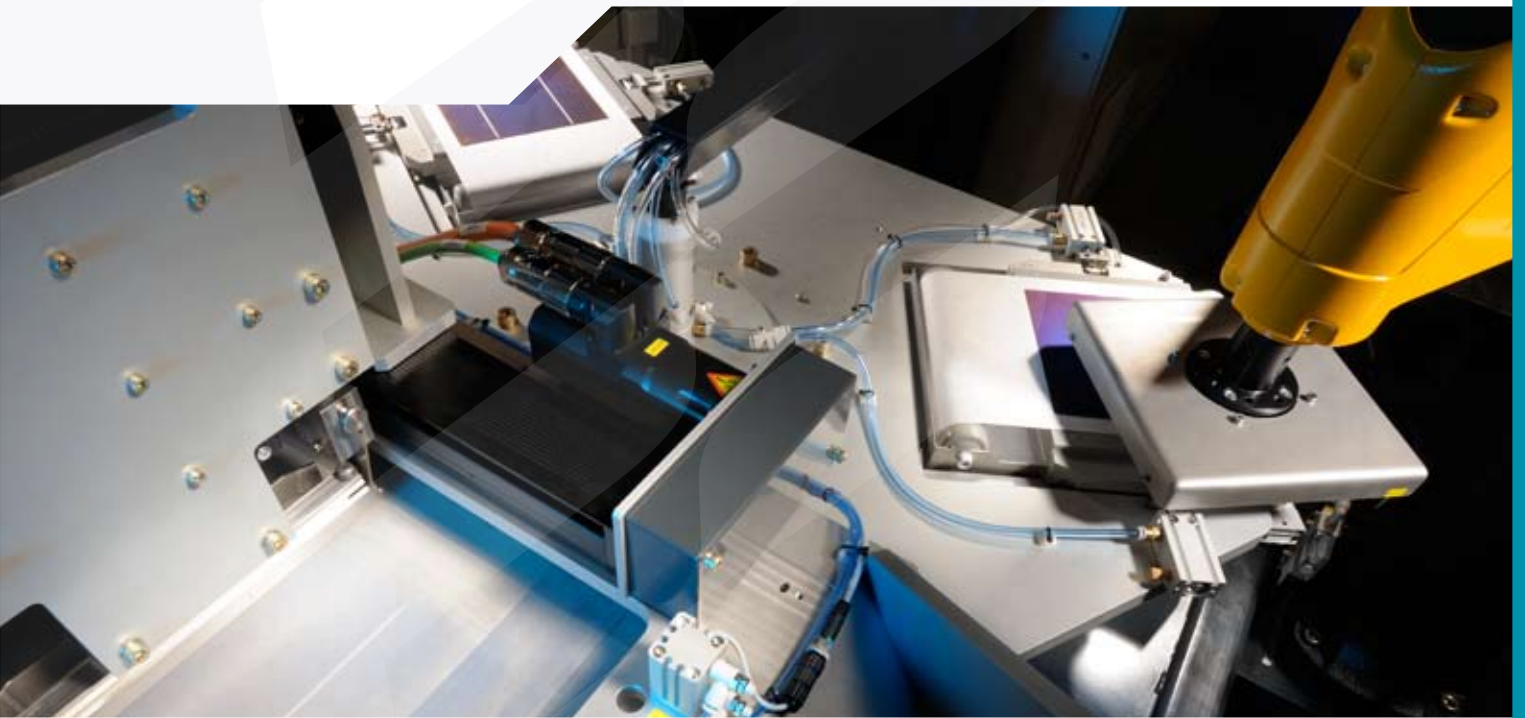


MET^X

screenprinter, easy to operate
and compact footprint



KEY BENEFITS

- High uptime
- Easy to operate
- Low cell breakage
- Compact footprint
- Integrated buffering for continuous production
- System design for higher production volume



empowering solar cell production

System description

OTB Solar has developed a metallization printing system with emphasis on high production efficiency compact footprint, which leaves space for easy operator and maintenance accessibility. The system puts a series of metallization layers on wafers, that are used to make solar cells. Production and process knowledge are combined to enable high uptime and low breakage rates.

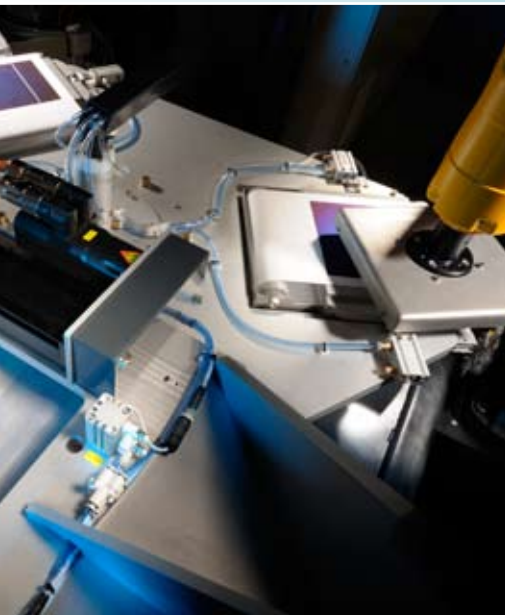
OTB Solar

OTB Solar is a leading provider of process and inline solar cell manufacturing equipment enabling the solar industry to increase profitability and produce solar cells at lowest cost/MW. By automation and inline integration of production steps our equipment results in decreased costs, increased efficiency, improved product consistency and guaranteed high yield.

General specifications

Gross wafer throughput rate	1500 wafers/hour
Uptime	95%
Average cell breakage	0.2%
Buffer capacity	90 sec
Wafer size, square/semi-square	125/156 mm
Foot print	7.5 x 2.5 x 2.8 m
Number of modules	3
Screen dimension	12"-15"

Snap-off (adjustable)	0 -5 mm
Snap-off resolution	0.1 mm
Squeegee stroke (adjustable)	150-250 mm
Squeegee speed (adjustable)	150-300 mm/s
Squeegee force (adjustable)	max. 150 N
Flood bar speed (adjustable)	max. 500 mm/s
Ramp-up dryer	20-140°C/min
Drying temperature	max. 200°C



For more information on the MET^x system please contact:

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