

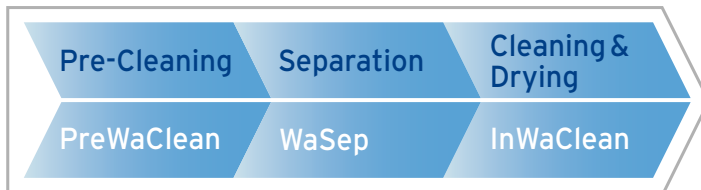
SOLAR Wafer Cluster



8000
wafers/h

Outstanding processes and high yield

Cleaning, ungluing, separation - the RENA Wafer Cluster is the perfect solution for your complete wafer production after sawing. All steps are optimised for multi or mono wafers - guaranteeing the best cost of ownership on the market.



Features and benefits

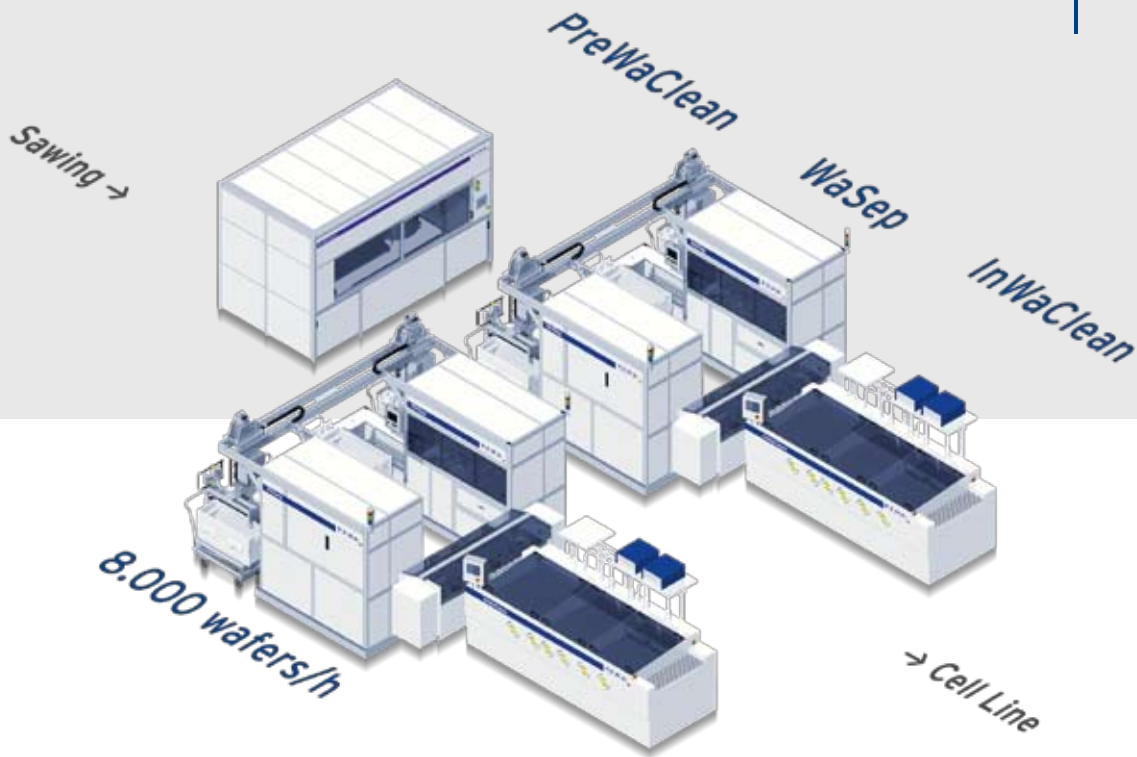
- Complete process and equipment integration after sawing

PreWaClean	Brick pre-cleaning	Effective pre-cleaning with special showerhead
WaSep	Wafer separation	Gentle underwater separation
InWaClean	Inline wafer cleaning and drying	Best cleaning results and high yield

Optional:

- Connection to MES
- Tracking with Transponder / Barcode
- VarioUnload - Wafer unloading system
- 2% more yield than manual process





Technical Data Wafer Cluster

Dimensions	PreWaClean - pre-cleaning: 5200 x 2700 x 3000 mm (length x width x height) with 1080 mm loading length
	WaSep - separation, InWaClean - fine cleaning: 10650 x 9700 x 2400 mm (length x width x height)
Wafer size	156 mm
Throughput	PreWaClean - pre-cleaning, WaSep - separation, InWaClean - fine cleaning: up to 8000 wafers/h
Wafer thickness	> 160 µm