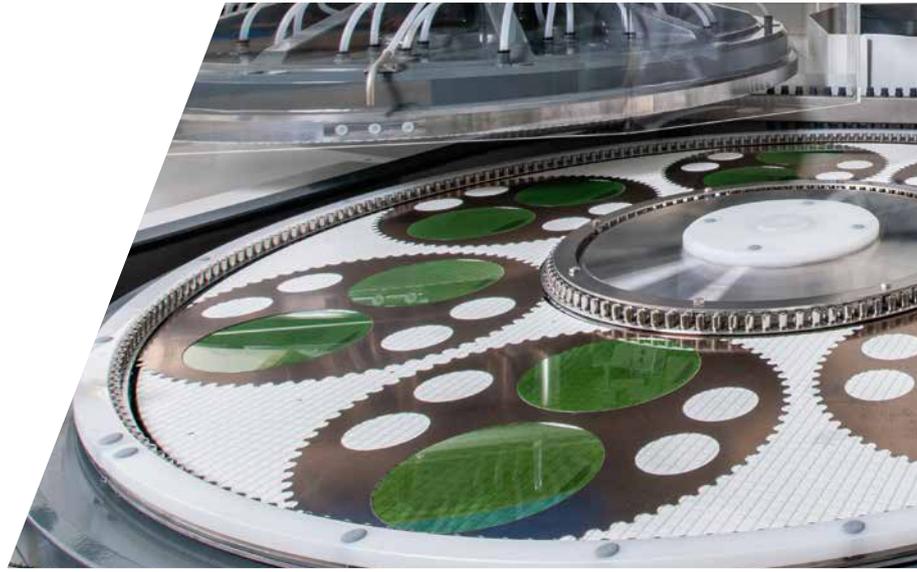


AC 1200 DSL/DMP/CMP

DOUBLE-SIDE POLISHING



SiC WAFER PROCESSING
4", 6" AND 8" WAFER

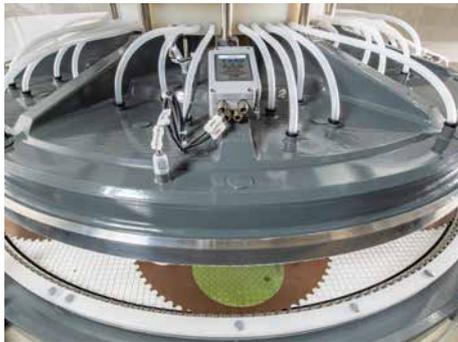
WHERE LATEST TECH BECOMES A STANDARD

- ✔ Suited for double-side lapping (DSL), diamond mechanical polishing (DMP), chemical mechanical polishing (CMP)
- ✔ Designed for high-precision processing of workpieces
- ✔ Batch processing ensures high throughput
- ✔ Sensor technology for repeatable process results
- ✔ Wafers with excellent flatness, parallelism, surface quality and surface roughness (TTV AVG $\leq 1 \mu\text{m}$)

EXCELLENT PERFORMANCE AND RELIABILITY

HIGHLIGHTS AC 1200 DSL/DMP/CMP

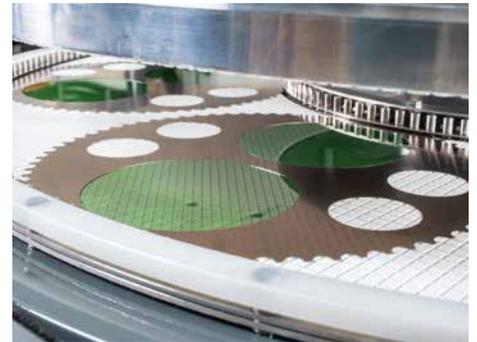
- ✔ Fast and ergonomic loading and unloading
- ✔ Upper working wheel can swivel out for total access to the process area
- ✔ Extreme temperature stabilization over the tool surface
- ✔ Process temperature detection
- ✔ Excellent machining results and precision
- ✔ Individual process development
- ✔ Easy to maintain
- ✔ High-precise non-contact measuring control
- ✔ Powerful drive technology
- ✔ Carrier guiding system
- ✔ Optional recycling channel
- ✔ User friendly, intuitive operation
- ✔ High-precise pneumatic load system
- ✔ High production reliability
- ✔ Stable cast iron base frame
- ✔ Siemens PLC Control and Siemens KP1200 Comfort Panel
- ✔ Remote maintenance solution RangeCare® via mobile communications or VPN



Temperature sensor



Recycling channel



Carrier guiding system

TECHNICAL DATA	AC 1200		
VERSION	DSL	DMP	CMP
Wheel diameter [mm]	1182	1220	1220
Ring width [mm]	298	334	334
Max. load pressure [daN]	1000	1000	2000
Upper/lower drive power [kW]	12	12	18
Upper/lower drive speed [rpm]	50	50	50
Center drive power [kW]	3.5	3.5	3.5
Center drive speed [rpm]	50	50	50
Outer drive power [kW]	3.5	3.5	3.5
Outer drive speed [rpm]	12	12	12
Working wheel cooling	wheel cooling	wheel cooling	wheel cooling
Machine dimensions [H × W × D] [mm]	2500 × 2700 × 2450	2500 × 2700 × 2450	2500 × 2700 × 2450
Machine weight without switch cabinet [kg]	7300	7300	7300
Load capacity 100 mm [4"] Wafer 150 mm [6"] Wafer 200 mm [8"] Wafer	Quantity per batch depend on workholder drive system		

GET IN TOUCH WITH US TODAY
TOGETHER WE WILL FIND A SOLUTION
FOR YOUR REQUIREMENTS

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