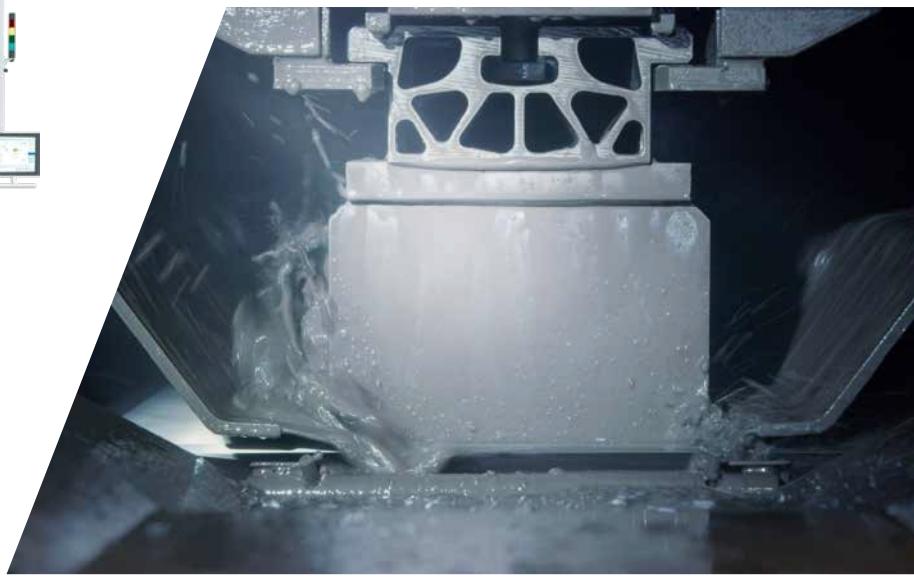
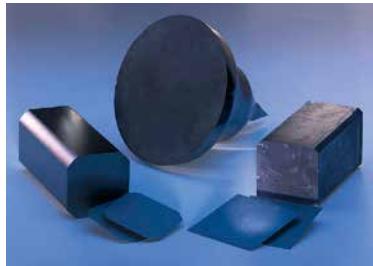


DW296

MULTI WIRE SAW



WORKPIECE DIMENSIONS:
MAX. □ 210 MM × 860 MM



HIGHEST THROUGHPUT WITH THINNEST WIRE

- Thin wire capability
- High wire speed and acceleration
- High process automation
- Low operation costs

SMART SLICING TECHNOLOGY FOR PHOTOVOLTAIC WAFER

HIGHLIGHTS DW296

- ✓ M12 capable:
Optimized for 210 mm and 182 mm wafer format (other formats possible)
- ✓ Up to 100 MW throughput:
15 m/s² acceleration,
40 m/s wire speed
- ✓ 30 µm wire capability
- ✓ Shortest wire path:
Only <2.0 m on one side, easy wire set-up and constant tension
- ✓ High capacity: 870 mm web length
- ✓ Robust machine: Iron cast, high rigidity, perfect alignment of all relevant machine parts
- ✓ HMI: New HMI on 19" touch screen, production assistant, global process recipes, easy to train, easy to use
- ✓ Simplified cutting fluid supply with pre-cleaning function
- ✓ Optional MES interface (SECS/GEM300)



Long load length for more output



Perfect accessibility for easier handling



Easy operation for higher yield

TECHNICAL DATA

DW296-182

DW296-210

Max. workpiece length [mm]	860	
Max. workpiece dimensions [mm]	<input type="checkbox"/> M10 (182 × 182)	<input type="checkbox"/> G12/M12 (210 × 210)
Wire speed [m/sec]	40	
Wire acceleration [m/s ²]	10	
Min. wire diameter [µm]	30	
Min. wafer thickness [µm]	100	
Wire guide roller [pcs]	3/2	3
Wire guide roller axis distance [mm]	398	426
Cutting fluid tank [l]	600	
Machine dimensions [L × W × H] [mm]	4380 × 2010 × 3060	
Machine weight [kg]	10600	

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

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