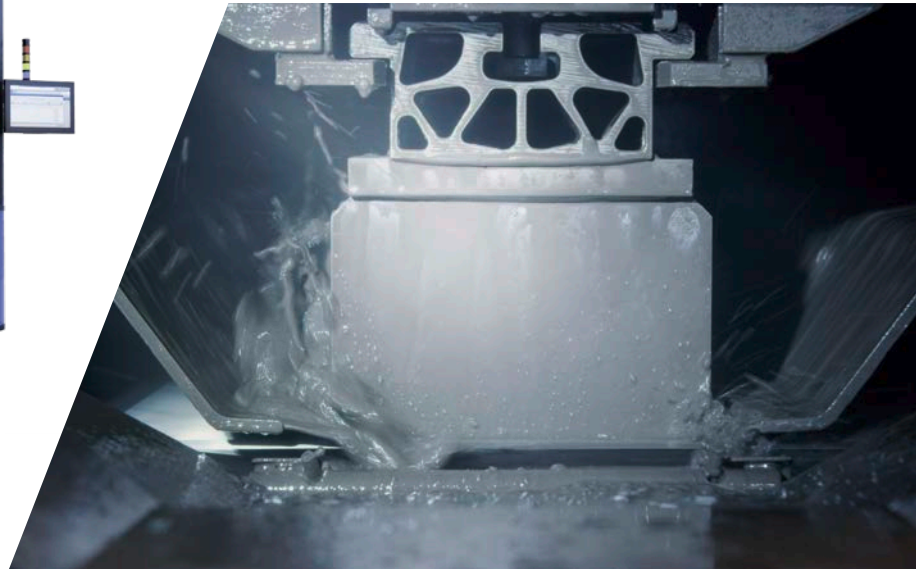
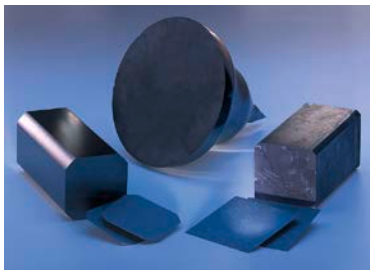


# DW 291

MULTI WIRE SAW



WORK PIECE DIMENSIONS:  
MAX. □ 166 MM × 860 MM



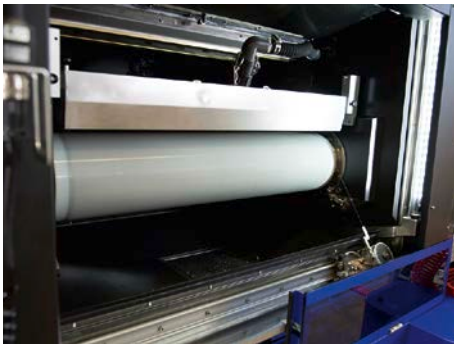
## HIGHEST THROUGHPUT WITH THINNEST WIRE

- ✓ Thin wire capability
- ✓ Patented Diamond Wire Management System (DWMS)
- ✓ High process automation
- ✓ Low running costs

SMART SLICING TECHNOLOGY FOR MONO- AND MULTI-SILICON

## HIGHLIGHTS DW 291

- ✔ M4 capable:  
Optimized for M4 (161.7 mm) wafer format
- ✔ High throughput:  
33 m/s wire speed,  
10 m/s<sup>2</sup> acceleration
- ✔ DWMS:  
50 μm wire capability
- ✔ Shortest wire path:  
Only <1.9 m on one side, easy wire set-up and constant tension
- ✔ High capacity: 870 mm web length
- ✔ Robust machine:  
Mineral cast, low vibration, low noise, 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
- ✔ Cleaner wafer:  
490 l cutting fluid tank
- ✔ Optional MES interface



Long load length for more output



Thin wire for lower cost



Easy operation for higher yield

TECHNICAL DATA	DW 291 FEATURES
Web length [mm]	870
Max. work piece dimensions [mm]	□ 166 × 860
Wire speed [m/sec]	33
Wire acceleration [m/s <sup>2</sup> ]	10 (<3.5 s)
Min. wire diameter [μm]	50
Min. wafer thickness [μm]	100
Wire guide roller axis distance [mm]	390
Cutting fluid tank [l]	490
Machine dimensions [L × W × H] [mm]	~ 3700 × 1200 × 2500
Machine weight [kg]	7900

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FOR YOUR REQUIREMENTS

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