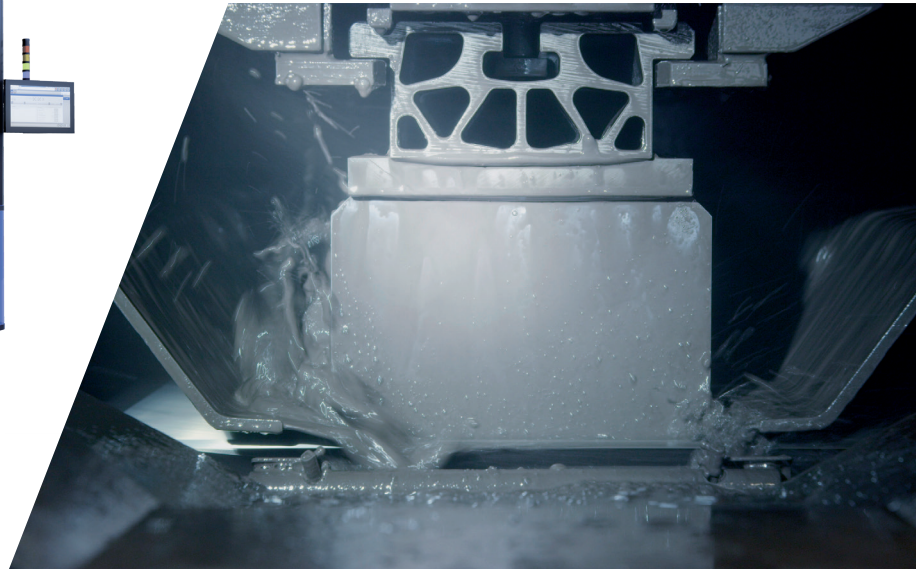
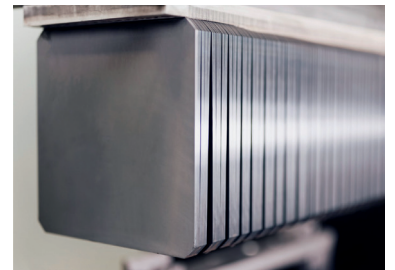
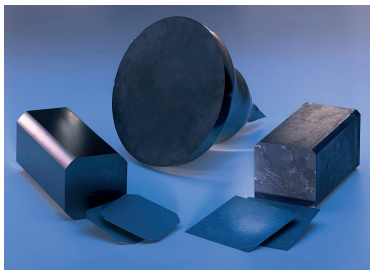


DW 291

MULTI WIRE SAW



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



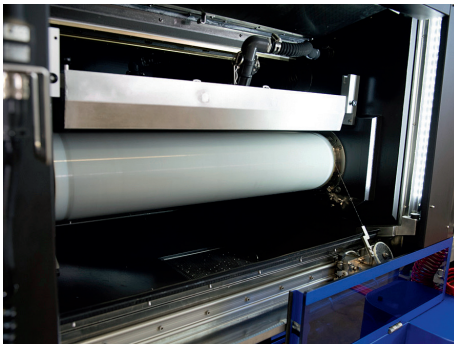
HIGHEST THROUGHPUT WITH THINNEST WIRE

- ✓ 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

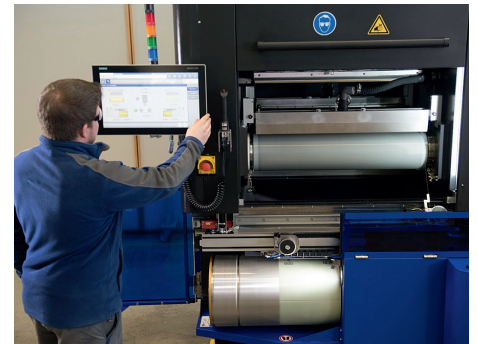
- ✔ M4 capable:
Optimized for M4 (161.7 mm) wafer format
- ✔ High throughput:
33 m/s wire speed,
10 m/s² acceleration
- ✔ DWMS:
50 μm wire capability
- ✔ Shortest wire path:
Only <1.9 m on one side, easy wire set-up and constant tension
- ✔ High capacity: 870 mm web length
- ✔ Robust machine:
Mineral 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 × 166 × 860
Wire speed [m/sec]	33
Wire acceleration [m/s ²]	10 (<3.5 s)
Min. wire diameter [μm]	50
Min. wafer thickness [μm]	100
Work piece holders [mm]	860
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

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

PRECISION SURFACING SOLUTIONS GMBH

Phone: +41 33 224 26 00

info@precision-surface.ch

www.precision-surface.ch