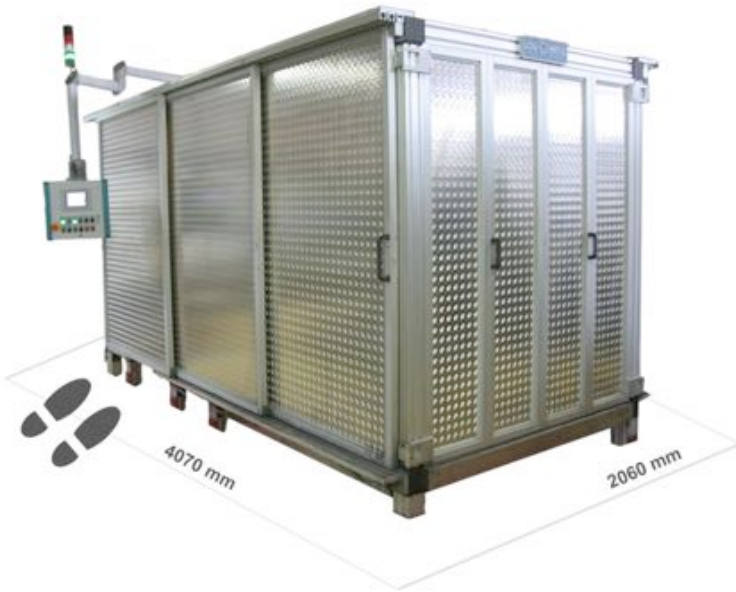


Diamond Wire Squarer LDQs Mono



Mono-Si Brick 16 / 25 / 36 / 49 / 64



Features

Development for mono-crystalline silicon ingots

- Water based coolant instead of slurry
- Easy handling:
QUICK, SIMPLE loading and unloading
- Ingot clamping by vacuum table
- Automatic cutting process
- Comparison with slurry wire saw
 - Higher cutting speed (fixed abrasive)
 - Lower energy consumption
 - Soft cutting
 - Environment-friendly
 - Less footprint
 - Less SPARE and WEAR PARTS
 - Less operating personnel

Capacity

Ingots / load	Bricks / day	Ton / year
16	64	~
25	100	~
36	144	~
49	196	~
64	256	~

Technical data

Ingots load	16 / 25 / 36 / 49 / 64 pcs.
Ingots height	500 – 1,000 mm
Wire diameter	350 µm – 450 µm
Wire speed	5 – 14.2 m / sec
In-feed	5 – 50 µm / sec
Ingot clamping	with vacuum table
Coolant	water (or LD1)
Water tank capacity	1,500 l (closed loop)
El. connection	400 V, 50 Hz 36 kVA
Software	Siemens touch panel
Footprint	4,070 x 2,060 x 2,490 mm
Weight	5,050 / 5,250 / 5,890 kg