

ADT DICING SAWS

ADT's dicing saws' line offer a variety of capabilities, configurations and levels of automation as well as unique solutions for special materials and applications.

The dicing saws range includes automatic saws, fully automatic saws with single and double spindle, as well as special machines for tailored applications.

ADT'S DICING SAWS UNIQUE FEATURES

Advantages

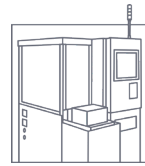
- Low cost of owner ship
- High throughput
- User freindly
- Flexible
- Customization

Monitoring

- Temperature monitoring
- Water Flow Monitoring
- Kerf Monitoring
- Product mapping - confocal

Reliability

- Spindle air reservoir
- UPS – Cut Map Saving
- Broken Blade Detector
- Geometric model finder
- Enhanced Kerf check inspection
- Vibration Dampers
- X Air bearing Axis



Dicing Saws

12-inch Fully-automatic Dual Spindle Dicing Saw

8230

8230 is a fully automatic dual spindle 12-inch dicing saw with high precision and performance. Its opposed distribution design, coupled with a newly developed operating system, offers an efficient and cost-effective cutting experience.



Machine features

- Spindles of 1.8kW or 2.2kW high power (for challenging applications)
- Intuitive operation interface using a large 17" touch screen monitor

Maximum Workpiece Size		ø300 mm
X-axis	Cutting Range	310mm
	Feed Rate Input Range	0.1-800mm/s
Y1/Y2-axis	Cutting Range	310 mm
	Single Step (Resolution)	0.1 μm
	Cumulative Accuracy	≤3μm/310 mm
	Indexing Accuracy	≤2μm/5mm
Z1/Z2-axis	Maximum Stroke	30mm (Corresponding to 2-inch blades)
	Movement Resolution	0.1 μm
	Repeatability Accuracy	1.0 μm
θ-axis	Maximum Rotation Angle	380°
Spindle	Spindle Type	Face to Face Dual Spindle
	Rated Torque	0.33 N · m (1.8 kW)
	Maximum Rotational Speed	60000 rpm
Blade Size		2"
Cleaning Station	Rotation Speed	100-2000 rpm
	Cleaning Method	Standard Spec Atomized / Option Spec High Pressure
Facilities	Electrical	380VAC, 50 / 60 Hz, three-phase
	Air	≥500 L/min
	Spindle Coolant Flow Rate	4L/min (@0.3 Mpa)
	Cutting Coolant Flow Rate	≥12 L/min
Dimensions		1220 × 1550 × 1850 (mm)
Weight		Approx. 2200 kg