



## Dicing Saws

### 8-inch Fully-automatic Dual Spindle Dicing Saw

# 8220

8220 is a fully automatic dual spindle 8-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

<b>Maximum Workpiece Size</b>	Ø200 mm	
<b>X-axis</b>	Cutting Range	210 mm
	Feed Rate Input Range	0.1-1000mm/s
<b>Y1/Y2-axis</b>	Cutting Range	210 mm
	Single Step (Resolution)	0.1 µm
	Cumulative Accuracy	≤ 2 µm / 210 mm
	Indexing Accuracy	≤ 2 µm / 5mm
<b>Z1/Z2-axis</b>	Maximum Stroke	30 mm
	Movement Resolution	0.1 µm
	Repeatability Accuracy	1.0 µm
<b>θ-axis</b>	Maximum Rotation Angle	380°
<b>Spindle</b>	Spindle Type	Face to Face Dual Spindle
	Rated Torque	0.33 N·m (1.8 kW)
	Maximum Rotational Speed	60000 rpm
<b>Blade Size</b>	2"	
<b>Cleaning Station</b>	Rotation Speed	100-2000 rpm
	Cleaning Method	Standard Spec Atomized / Option Spec High Pressure
<b>Facilities</b>	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
<b>Dimensions</b>	1370 × 1330 × 1850 (mm)	
<b>Weight</b>	Approx. 2100 kg	

### 12-inch Automatic Dual Spindle Dicing Saw

# 6231

6231 is a dual spindle dicing saw with high precision and high efficiency. It can dice product up to 12" in diameter and has the smallest footprint among similar machines.



#### Machine features

- Automatic image recognition
- Multiple alignment modes for various needs
- Utilized least squares algorithm to ensure alignment of linear arc products
- Supports fully automatic alignment for multi-piece positioning
- Supports independent setting of cutting equence

<b>Maximum Workpiece Size</b>	Ø300 mm or 300×300 (mm)	
<b>X-axis</b>	Cutting Range	310 mm
	Feed Rate Input Range	0.1-1000mm/s
<b>Y1/Y2-axis</b>	Cutting Range	310 mm
	Single Step (Resolution)	0.1 µm
	Cumulative Accuracy	≤ 3 µm / 310 mm
	Indexing Accuracy	≤ 2 µm / 5mm
<b>Z1/Z2-axis</b>	Maximum Stroke	30 mm
	Movement Resolution	0.1 µm
	Repeatability Accuracy	1.0 µm
<b>θ-axis</b>	Maximum Rotation Angle	380°
<b>Spindle</b>	Spindle Type	Face to Face Dual Spindle
	Rated Torque	0.33 N·m (1.8 kW)
	Maximum Rotational Speed	60000rpm
<b>Blade Size</b>	2" & 3"	
<b>Facilities</b>	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
<b>Dimensions</b>	1280 × 1120 × 1880 (mm)	
<b>Weight</b>	Approx. 1700 kg	