



# AUTOMATIC SINGLE SPINDLE DICING SAWS

## 7132

### 2" Spindle

Suitable for large variety of products



#### Features & Benefits

- 'X' axis air bearing for smooth motion and super cut quality
- Automation with high resolution optics
- Multi panel dicing
- Custom process solution

<b>Workpiece Size</b>		Ø 12" or 300mm X 300mm W/O frame
<b>Spindle</b>		60K rpm / 1.8 kW or 2.2KW
<b>Blade Size</b>		2" – 3"
<b>Y Axis</b>	Control	Linear encoder
	Resolution	0.1 µm
	Cumulative Accuracy	1.5 µm
	Indexing Accuracy	1.0 µm
<b>X Axis</b>		Air Slide
<b>Z Axis</b>	Resolution	0.2 µm
	Repeatability	1.0 µm
<b>Θ Axis</b>	Repeatability	4 arc-sec
	Stroke	380°
<b>Utilities</b>		Electrical 200-240 VAC, 50/60 Hz, single phase
<b>Dimensions</b>	(W x D x H) mm	965 x 1300 x 1600
	Weight	900 kg

#### Materials:

Glass | PZT | LED & LED on PCB Packages | Sensors & MEMS | Opto-electronic Components | IC Wafers | Automotive Sensors | Ceramic Substrates & Capacitors | Glass on Silicon | LTCC | SAW Filters | Package Singulation (BGA, QFN)

## 7124

### 4" Spindle

For thick and hard material



#### Features & Benefits

- Support 4"-5" blade O.D.
- with large 'Z' stroke
- 'X' axis air bearing for smooth motion and super cut quality
- Automation with high resolution optics
- Custom process solution

<b>Workpiece Size</b>		Ø 8"
<b>Spindle</b>		30K rpm / 2.5 kW
<b>Blade Size</b>		4" – 5"
<b>Y Axis</b>	Control	Linear encoder
	Resolution	0.1 µm
	Cumulative Accuracy	1.5 µm
	Indexing Accuracy	1.0 µm
<b>X Axis</b>		Air Slide
<b>Z Axis</b>	Resolution	0.2 µm
	Repeatability	1.0 µm
<b>Θ Axis</b>	Repeatability	4 arc-sec
	Stroke	380°
<b>Utilities</b>		Electrical 200-240 VAC, 50/60 Hz, single phase
<b>Dimensions</b>	(W x D x H) mm	965 x 1300 x 1600
	Weight	900 kg

#### Materials:

Glass | PZT | LED & LED on PCB Packages | Opto-electronic Components | Automotive Sensors | Ceramic Substrates & Capacitors | LTCC | SAW Filters | Package Singulation (BGA, QFN)