

DAD3430

Automatic Dicing Saw

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Φ6-inch Compact Dicing Saw Which Achieves High-Precision, High-Quality Processing

Φ150 mm Single spindle

Compatible with 6 x 6-inch Workpieces Using a User-Specified Specification

Single-axis dicing saw which is compatible with the 6 x 6-inch workpiece using a user-specified specification.

Improved usability and performance

Each model features an LCD touch panel with a graphical user interface for easy and intuitive operation. In addition, all models include auto-alignment, auto-focus, and auto-kerf check functions for enhanced productivity. The newly developed 1.5 kW spindle, which is standard on every model, features a shaft lock function for easier blade changing. A reduced-expansion spindle (option) manufactured with special expansion-resistant materials is available for even greater precision during processing.



Achieves high precision, high-quality

Advanced options

processing.

DAD3430 is manufactured based on DAD3230 and achieves high precision, high-quality processing. In addition, an air slider installed on the X-axis enables fine processing such as dicing and grooving for optical parts and magnetic heads.

The cutting water flow rate controller, programmable for each device data, helps prevent operator error while providing a stable and consistent flow of cutting water. The macro microscope allows for a greater field of view and can improve usability during alignment. A transformer and UPS can be installed on the equipment with consideration for the layout of peripheral units.

Specifications

Specification		Unit	
Max. workpiece size		-	Φ6 inch (150 mm × 150 mm, 220 mm × 160 mm user-specified specification)
X-axis	Cutting range	mm	160/220 (optional accessory)
	Cutting speed	mm/s	0.1 ~ 300
Y-axis	Cutting range	mm	162
	Index step	mm	0.0001
	Index positioning accuracy	mm	0.0015/160 (Single error) 0.0005/5
Z-axis	Max. stroke	mm	32.2 (Φ2 inch blades)
	Moving resolution	mm	0.00005
	Repeatability accuracy	mm	0.001
θ-axis	Max. rotating angle	deg	320
Spindle	Rated output	kW	1.5
	Rated torque	N · m	0.48
	Revolution speed range	min ⁻¹	3,000 ~ 40,000
Machine dimensions(W×D×H)		mm	730 x 900 x 1,670
Machine weight		kg	Approx. 600

*Product appearance, features, specifications, and other details may change due to technical modifications.

*Please read the standard specification sheet thoroughly before use.

Product Lineup



DAD323

DAD324

DAD3220

DAD3221

Machine type	Automatic	Automatic	Automatic	Automatic
Spindle	1	1	1	1
C/T	1	1	1	1
Machine dimensions (W × D × H)	490 × 870 × 1,600	490 × 870 × 1,670	500 × 900 × 1,670	490 × 870 × 1,670
Machine weight (kg)	400	420	550	420

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