

DAD3220

Automatic Dicing Saw

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Dicing Saw for 6 × 6-inch Workpieces Designed for Compactness

Φ150 mm Single spindle

Compatible with 6 × 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.



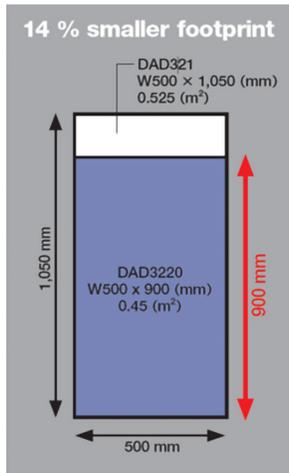
Improved usability and performance

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.

Space Saving Design

Advanced options

DAD3220 has a width of only 500 mm and was designed to be compact. The footprint is reduced approx. 14% compared to the existing model (DAD321).



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	3220
Max. workpiece size		-	Φ6 inch / 150 × 150 mm(user-specified specification)
X-axis	Cutting range	mm	160
	Cutting speed	mm/s	0.1 - 500
Y-axis	Cutting range	mm	162
	Index step	mm	0.0001
	Index positioning accuracy	mm	0.005/160 (Single error) 0.003/5
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	500 x 900 x 1,670
Machine weight		kg	Approx. 550

*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

DAD3221

DAD3230

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	490 × 870 × 1,670	730 × 900 × 1,670
Machine weight (kg)	400	420	420	600

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