



Automatic Dicing Saw DAD3240

Compact automatic dicing saw with ultimate usability

Compact and easy-to-use automatic dicing saw for ø8-inch wafers

The DAD3240 is a distinctly compact manual dicing saw with support for ø8-inch workpieces at a width of only 650 mm. The DAD3240 realizes the world's smallest class footprint as ø8-inch dicing saw.

Enhanced ease of use

- The same operating system as the DAD3350 which is a bestselling manual dicing saw for ø8-inch workpieces.
- An automatic alignment function is available which is firmly established in the DAD3000 series.
- Realizes intuitive operation using a 15-inch LCD touch panel and GUI (graphical user interface)

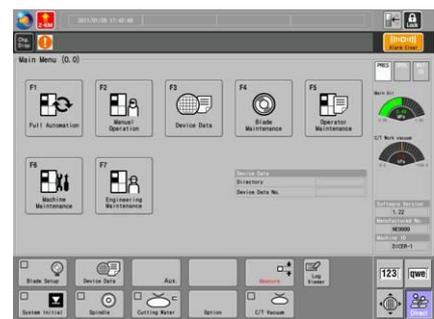


High processability

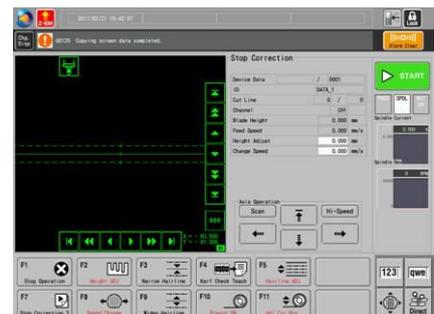
Thanks to the high-output 1.8 kW spindle, the DAD3240 can handle difficult-to-cut materials from silicon to ceramics.

Easy operation

Adopting the common operating system of the DAD3000 series, which has an established reputation for intuitive operation, promises easy operation for not only to customers using existing models including the DAD3350, but also to first time customers.



Top menu



Stop correction screen

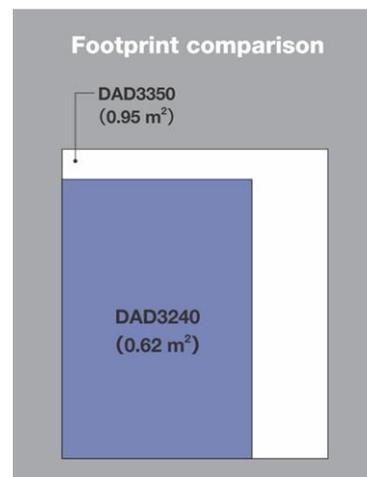
High maintainability

Built-in microscope with a lens shutter and scope blow function reduces maintenance frequency, which increases the utilization rate.

Environmentally-conscious design

The DAD3240 is a green procurement compliant product, which means it does not contain the 15 hazardous chemical substances listed in the "List of DISCO Restricted Substances" and the six substances specified in the EU RoHS Directive.

* A green procurement compliant product refers to products that satisfy DISCO's green procurement standards and conforms to EU RoHS Directives.



Specifications			
Specification		Unit	
Workpiece size		-	Max. ϕ 8" (\square 8"/DPR).
X-axis	Cutting range	mm	210
	Cutting speed	mm/sec	0.1 - 600
Y-axis	Cutting range	mm	210
	Index step	mm	0.0001
	Index positioning accuracy	mm	0.003/210 (Single error)0.002/5
Z-axis	Max. stroke	mm	32.2
	Moving resolution	mm	0.00005
	Repeatability accuracy	mm	0.001
θ -axis	Max. rotating angle	deg	320
Spindle	Output	kW	1.8
	Rated torque	N·m	0.29
	Revolution speed range	min ⁻¹	6,000 - 60,000
Machine dimensions(WxDxH)		mm	650 x 950 x 1,600
Machine weight		kg	Approx.530

Environmental Conditions

- Use clean, oil-free air (dew point between -10 - -20 , residual oil: 0.1 ppm, and filtration rating: 0.01 μ m/99.5 % or more).
- Keep room temperature fluctuations within $\pm 1^{\circ}\text{C}$ of the set value. (Set value should be between 20 - 25 $^{\circ}\text{C}$).
- Keep cutting water and cleaning water 2 $^{\circ}\text{C}$ above room temperature (fluctuations within $\pm 1^{\circ}\text{C}$).
- The machines should be used in an environment, free from external vibration. Do not install machine near a ventilation opening, heat generation equipment or oil mist generating parts.
- This machine uses water. In case of water leakage, please install the machine on the floor with sufficient waterproofing and drainage treatments.
- * All pressures specified above are gauge pressures.
- * As the above specification may change due to technical modifications.
Please confirm when placing your order.
- * For further information, please contact your local sales representative.