

## Dicing / Cutting Saw Specs (Comparison)

\*1.0 (1.8 , 2.2) kW, A = 1.0 (1.8 , 2.2) kW air spindle

\*2.2 kW, M = 2.2 kW mechanical spindle

<b>Spindle layout</b>	Single
<b>Workpiece size</b>	ø8"Max. 250mm square
<b>X-axis</b> Cutting range (mm)	260
Cut speed (mm/s)	0.1 - 600
Bearing type	-
<b>Y-axis ( Y1-axis and Y2-axis for DFD6340, DFD6361 )</b>	
Cutting range (mm)	260
Index step (mm)	0.0001
Single error (mm)	0.002 or less/5
Positioning accuracy (mm)	0.003 or less/260
Scale resolution (mm)	-
Bearing type	-
<b>y-axis ( for DFD651,DFD670,DFD691 )</b>	
Maximum stroke (mm)	-
Positioning accuracy (mm)	-
Scale resolution (mm)	-
<b>Z-axis</b> Maximum stroke (mm)	32.2
Moving resolution (mm)	0.00005
Repeating accuracy (mm)	0.001
Maximum blade size (mm)	ø58
<b>θ-axis</b> Maximum rotating angle (deg.)	380
<b>Spindle</b> Output (kW)	1.8 at 60,000 min-1
Rated torque (N·m)	0.29
Revolution speed range (min-1)	6,000 - 60,000
<b>Applicable tape frame size</b>	2-5, 2-6, 2-8
<b>Utilities</b> Power supply	200 - 240 V AC ± 10 %, 3-phase
Power consumption	
When processing(kW)	0.9
During warm-up(kW)	0.8
Maximum power (kVA)	4.9
Air pressure (MPa·G)	0.5 - 0.8
Air maximum consumption(L/min(ANR))	200
Clean air pressure (MPa·G)	-
Clean air maximum consumption(L/min(ANR))	-
Cutting water, water curtain and other	
Pressure (MPa·G)	0.4 - 0.4

	Maximum flow rate (L/min)	4.0
Cooling water	Pressure (MPa•G)	0.2 - 0.4
	Flow rate (L/min)	1.5 at 3.0 MPa
	Exhaust duct capacity (m <sup>3</sup> /min)	5.0
	Machine size (W x D x H) (mm)	900 x 1,050 x 1,800
	Machine weight (kg)	Approx. 1,200

\*The above specifications may change due to technical modifications, Please confirm when placing your order.