

DC 3231L – 5 Axis Specifications



Vulcan

MACHINE SPECIFICATIONS

MODEL		UNIT	DC 3231L – 5 Axis
TRAVEL	X axis	mm	3200
	Y axis	mm	3100
	Z axis	mm	1000 (1200 opt)
	Spindle nose to table	mm	110 – 1110 (110 – 1310 opt)
	Distance between columns (max. workpiece width)	mm	2500 (2450)
TABLE	Table dimensions (L)	mm	3000
	Table dimensions (W)	mm	2000
	T-slot (width x number x pitch)	mm	28 x 11 x 180
	Max. table load	kg	11000
SPINDLE	Spindle motor (cont./ 30 minute rated)	kW	54 / 54
	Spindle speed	rpm	12,500 (Built-in) (20,000 A63 opt)
	Spindle nose taper		HSK-A100
FEED	Rapid feed-rate (X/ Y / Z)	m/min	20 / 20 / 15
	Cutting feed-rate	mm/min	10,000
ACCURACY	Positioning accuracy	mm	±0.005 / 300 ; ±0.015 / full travel
		mm	P0.03
	Repeatability	mm	±0.003
		mm	Ps0.023
ATC	Tool storage capacity	pcs	40 (chain-type) (60 opt)
	Max. tool length	mm	400
	Max. tool weight	kg	25
	Tool size (full tools)	mm	Ø125
	Max. tool size (next pockets empty)	mm	Ø250
OTHER	Power consumption	kVA	130
	Compressed air	kg/cm ²	6.5 x 2
	Machine weight (approx.)	tons	46
	Machine floor space (L x W x H) (approx.)	m	10.4 x 8.1 x 7.8

All specifications are subject to change without prior notice.