

Pinnacle BX900 5 Axes Machining Center

Ref: PINNACLE BX-900



Tech specs

Brand	PINNACLE
X Axis stroke	1.500
Y Axis travel	900
Z Axis stroke	1.000
Spindle nose to table surface	115 - 1.115
T slot (WxDxN)	18x150x5
Working table area (LxW)	1.700x850
Table diameter (Ø)	800
Spindle Nose	DIN40
Spindle inner diameter	70
Spindle center to column	950
Spindle Speed	15.000
Draw bar force	900 ± 100
Main motor	15/19.4
Motor type	E+A mW16/ 17-8
Motor torque	71.6/ 172
Driver type	Worm gear
Reduction ratio	1:120
Tilting range	±120°
Driver type (Table)	Motor directo
Type	Integrado
Diameter of table hole	800
Rotation speed	16.6
Min. indexing increment	0.001
Working torque	765
Clamp torque	1.765
Feed motor X/Y/Z	20/ 20/ 16
X/Y/Z Axis cutting feedrate	10000
Rated torque X/Y/Z	30.6/ 30.6/ 30.6
B Axis rated torque	11
C Axis rated torque	533
Auto tool changer ATC type	DISK/ CHAIN
Auto tool changer Cam type	DUAL ARM
Tool selection (Bi-Direction)	RANDOM
Tool storage capacity	30

Central

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Delegation IBI

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Max. Tool Diameter	75
Max. Tool Length	250
Max. Tool Weight	8
Positioning XYZ linear axis	0.005
Positioning BC rotary	14"/ 10"
Repeatability XYZ linear axis	0.003
Repeteability BC rotatory	8"/ 6"
Air supply	6
Required voltage	380
Power requirement	40
Coolant tank capacity	450
Machine weight	14.000
Machine Height	3.200
Floor space (LxW)	3.890x3.180