

## Pinnacle BX500A 5 Axes Machining Center

Ref: PINNACLE BX-500A



## Tech specs

<b>Brand</b>	PINNACLE
<b>X Axis stroke</b>	1.300
<b>Y Axis travel</b>	610
<b>Z Axis stroke</b>	810
<b>Spindle nose to table surface</b>	100 - 910
<b>T slot (WxDxN)</b>	18x125x5
<b>Working table area (LxW)</b>	1.450x610
<b>Table diameter (Ø)</b>	500
<b>Spindle Nose</b>	BT-40
<b>Spindle inner diameter</b>	70
<b>Spindle center to column</b>	675
<b>Spindle Speed</b>	15.000
<b>Draw bar force</b>	800±100
<b>Main motor</b>	15/18
<b>Motor type</b>	INDRAMAT (IMB 160F-4B)
<b>Motor torque</b>	48/120
<b>Driver type</b>	Worm gear
<b>Reduction ratio</b>	1:72
<b>Tilting range</b>	±120°
<b>Driver type (Table)</b>	Worm gear
<b>Type</b>	Separado
<b>Diameter of table hole</b>	60
<b>Rotation speed</b>	11.1
<b>Min. indexing increment</b>	0.001
<b>Working torque</b>	764
<b>Clamp torque</b>	1.157
<b>Feed motor X/Y/Z</b>	36/ 36/ 24
<b>X/Y/Z Axis cutting feedrate</b>	10000
<b>Rated torque X/Y/Z</b>	11/ 11/ 11
<b>B Axis rated torque</b>	11
<b>C Axis rated torque</b>	11
<b>Auto tool changer ATC type</b>	PLATO
<b>Auto tool changer Cam type</b>	DUAL ARM
<b>Tool selection (Bi-Direction)</b>	RANDOM
<b>Tool storage capacity</b>	30

**Central**

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<b>Max. Tool Diameter</b>	75
<b>Max. Tool Length</b>	250
<b>Max. Tool Weight</b>	8
<b>Positioning XYZ linear axis</b>	0.005
<b>Positioning BC rotary</b>	14" / 14"
<b>Repeatability XYZ linear axis</b>	0.003
<b>Repeteability BC rotatory</b>	8" / 8"
<b>Air supply</b>	6
<b>Required voltage</b>	380
<b>Power requirement</b>	40
<b>Coolant tank capacity</b>	300
<b>Machine weight</b>	6.800
<b>Machine Height</b>	3.100
<b>Floor space (LxW)</b>	3.400x2.230

## Images

