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Delegation IBI
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Pinnacle BX500A 5 Axes Machining Center

Ref: PINNACLE BX-500A



CIF: ESB54013032 - R.M. Alicante, Tomo 2938, Libro 0, Folio 77, Hoja A-92532, Inscrip. 1ª

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Tech specs

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

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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"/ 14"
Repeatability XYZ linear axis	0.003
Repeteability BC rotatory	8"/ 8"
Air supply	6
Required voltage	380
Power requirement	40
Coolant tank capacity	300
Machine weight	6.800
Machine Height	3.100
Floor space (LxW)	3.400x2.230

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