

BTD-130H.R22

Table-type Horizontal Boring and Milling Machine



Long Nose Spindle



*Option

Machine Specifications			BTD-130H.R22
Travel	X-axis travel (Cross movement of table)	mm [in]	3 000 [118]
	Y-axis travel (Vertical movement of spindle head)	mm [in]	2 300 [90]
	Z-axis travel (Longitudinal movement of table)	mm [in]	1 600 [63]
	W-axis travel (Spindle extension)	mm [in]	700 [27.5]
Table	Table working surface	mm [in]	1 800x2 200 [70.8x86.6]
	Table loading capacity	kg [lbs]	20 000 [44 000]
Spindle	Spindle diameter	mm [in]	130 [5.1]
	Spindle speed range	min-1	5 to 2 500
Feedrate	Rapid traverse rate	X,Y,Z mm/min [ipm]	10 000 [393.7]
		W mm/min [ipm]	6 000 [236.2]
		B deg/min	500
	Feedrate	mm/min [ipm]	1 to 4 000 [0.04 to 157.5]
Spindle motor	30 min.rating / cont.rating	kW [HP]	AC30/22 [AC40/30]
Accuracy	Positioning	X,Y,Z mm [in]	±0.005 [±0.0002]
	Repeatability	X,Y,Z mm [in]	±0.003 [±0.00012]
Machine size	Height x Width x Depth	mm	5020 x 7445 x 7625
		in	197.6 x 293.1 x 300.2

Shibaura Machine

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Option Accessories



Angle head

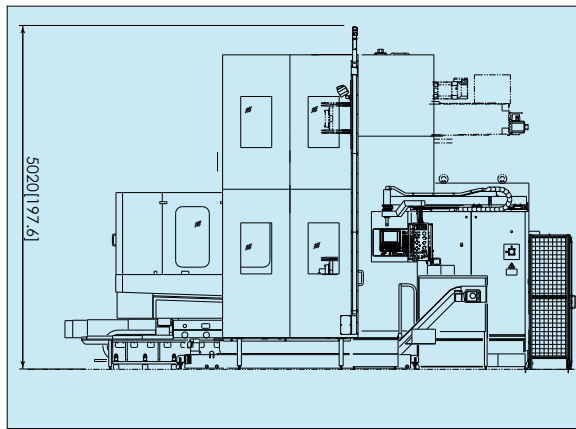
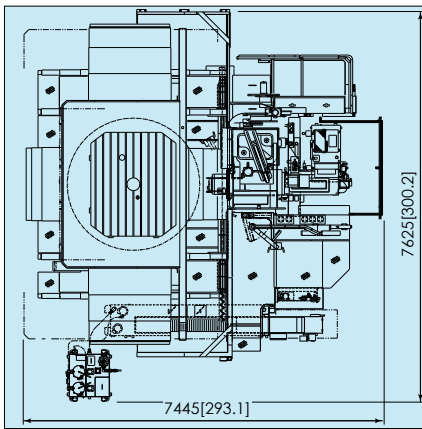


Automatic Measuring



Automatic Tool Length Measuring

Machine General Views



Machine Accessories

TOSNUC 999 Control system
Auto spindle clamp unit
Spindle cooling unit
Auto power shut down
High power spindle drive motor
Long nose spindle head [Extended 7.87in](OP)
CTS
HEIDENHAIN feed back scale X,Y,Z and B

Number of Auto Tool Change : 60
CAT 50
Table reference piece
Table indexing 0.0001deg and locate pin on every 90deg
Safety cover on operator side and ATC side
Manual operation box with current position monitor

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