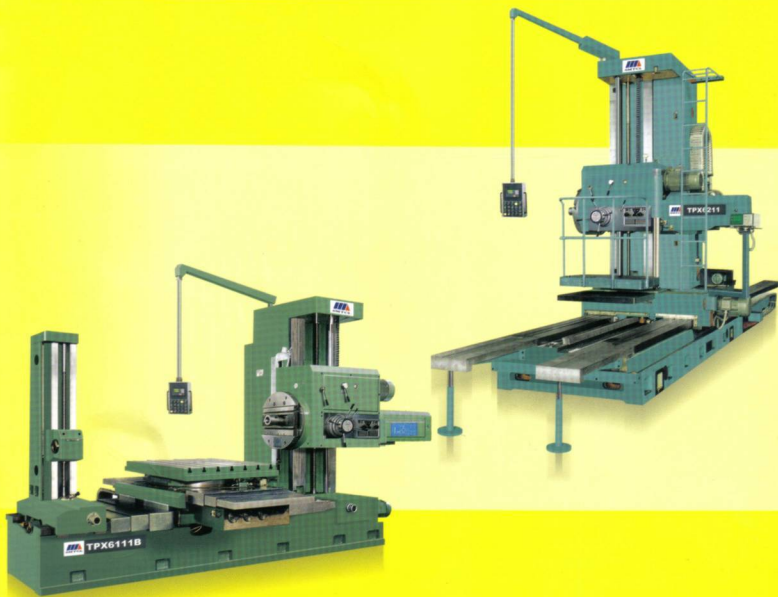


TPX series

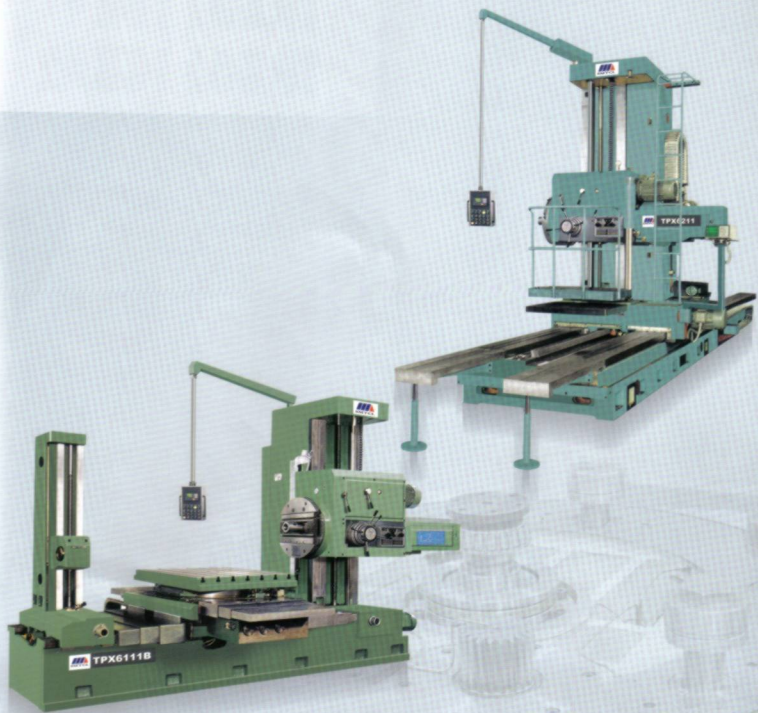


SHENYANG MACHINE TOOL(GROUP) CO., LTD.



TPX series

Machines in this series have been our leading products since our founding. On the basis of a 50-year manufacturing experience, and with continued education of cutting edge technology, we have constantly improved and perfected our techniques in producing machines. We manufacture perfect scales of machines in this series which include, but are not limited to, fixed facing head with enlarged spindle, longer cross and longitudinal travels, and floor type boring and milling machines. Machines in this series are ideal equipment for processing middle and large sized components with high machining accuracy.



TPX6211

Horizontal Milling & Boring Machine

Floor type milling and boring machine TPX6211 has a spindle dia. of 110mm and is a modified product of horizontal milling and boring machine. It is ideally used to machine large size parts. TX6211 can be used for drilling, counterboring, boring, reaming, spot facing, threading and milling flat surfaces.

Modified models TPX6211×30, TPX6211×59, TPX6211×70 and TPX6213×56 are suitable for machining extremely long parts and other models can be modified according to the needs of the customer. For example, A double face milling and boring machine can ensure accuracy, and concentricity and increase efficiency.



TPX6211

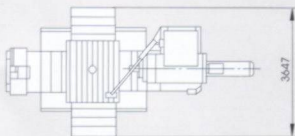
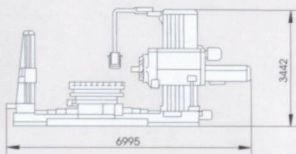
Construction Characteristics

Mechanical unloading device adopted in column movement without creep
Hydraulic pre-selection and centralized operation are used in both feed and speed changes and main movement.
Automatic operation of headstock, slides and clamping makes the machine convenient and reliable.

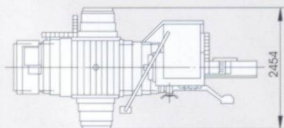
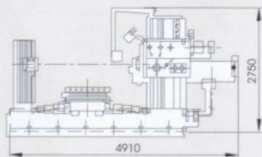
Main Technical Specifications

Overall Dimensions

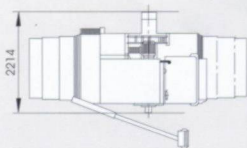
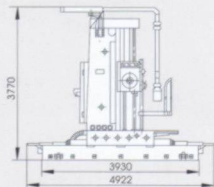
TPX6113



TPX6111B



TPX6211



Main Technical Specifications

Model	Units	T(P)X6211	T(P)X6211×30	T(P)X6211×59	T(P)X6213	T(P)X6213×56
Boring spindle diameter	mm	110	110	110	130	130
Spindle taper	-	Morse No6(optional ISO7:24 No 50)			Morse 80(optional ISO7:24 No 50)	
Max.spindle torque	N.m	1225	1225	1225	3136	3136
Max.spindle thrust	N	12250	12250	12250	31360	31360
Max. traverse of boring spindle	mm	600	600	600	900	900
Number of spindle speeds	-	22	22	22	24	24
Range of spindle speeds	r/min	8-1000	8-1000	8-1000	4-800	4-800
Travel of headstock	mm	1600	1600	1600	1600	1600
Travel of facing slide	mm	180	180	180	250	250
Range of spindle, headstock and table feeds per spindle revolution	mm/r	0.04-6/0.01-1.88	0.04-6/0.01-1.88	0.04-6/0.01-1.88	0.05-8/0.01-2	0.05-8/0.01-2
Travel of main drive motor	mm	2000	3100	5900	2850	5650
Power of main drive motor	kW	7.5	7.5	7.5	15	15
Overall dimensions(L×W×H)	mm	4922×2214×3770	6022×2214×3770	8852×2214×3770	6072×2932×4075	9970×2932×4075
Weight of machine	kg	18900	20000	25000	25000	35100

Note: Floor-type machines with longer travel of X-axis are available for supplying besides the standard machine series.

Optional Equipment

Boring tool holder for facing head
 Tool holder for turning end face
 Tool holder for threading

Flange for milling tool holder
 Step-type clamping plate
 Gears for threading

Worktable: HT140, HT160
 Flat plate: Size for user's demand