



TX6113C/2 TX6113D Boring and Milling Machine

Features of TX6113C/2 TX6113D DRO Horizontal Boring and Milling Machine

- 1. TX6113C/2 TX6113D DRO Horizontal Boring and Milling Machine is of table-type layout, with column mounted on the bed and a side spindle head; guideway of the lower saddle is of cross structure.**
- 2. A manual optical positioning device for at every 4x90° positioning of the table is provided for some models.**
- 3. Some models positioned by a circular grating scale may make the table indexing continuously 360°;**
- 4. Machine bed with larger specifications is added with integral auxiliary guideway;**
- 5. Spindle system consists of three-layer structure, facing head spindle, hollow spindle and boring spindle;**
- 6. The boring spindle is of high quality nitride steel 38CrMoAlA; the hollow spindle is of high quality alloy steel; the spindle is of high structure rigidity and accuracy;**
- 7. The spindle with disk spring clamping and hydraulic unclamping makes tool handling easy;**
- 8. Control system is provided with Mitsubishi PLC DRO unit and measuring elements are from SINO or NEWALL;**

Applications of TX6113C/2 TX6113D DRO Horizontal Boring and Milling Machine

Fortune Pacific TX6113C/2 TX6113D DRO Horizontal Boring and Milling Machine are used for rough and finishing boring and milling large-sized and medium-sized parts. Table is provided with DRO unit with continuous indexing for 360° and can meet needs of in-line boring of parts with the table being turned for 180° and multi-point machining. Machine is provided with integrated guideway with good rigidity and stable accuracy. Each axis is clamped hydraulically. The spindle with disk spring clamping and hydraulic unclamping makes tool handling easy. Machine is provided with PLC, X, Y, Z and B axes are provided with grating DRO unit, and reading accuracy is 0.005mm.

Technical parameters of TX6113C/2 TX6113D DRO Horizontal Boring and Milling Machine

Model	TX6113C/2	TX6113D
Spindle diameter(mm)	130	
Spindle taper	ISO50#	
Spindle speed (r/min)	6.6-755	
Power of main drive motor (kw)	11(can choose 15)	15
Max.drilling capacity of spindle (mm)	80	80
Max.boring capacity of spindle (mm)	350	350
Speed of facing chuck (r/min)	4.4-165(14step)	
Travel of facing chuck slide (mm)	200	
Max.boring capacity of facing chuck (mm)	700	
Table size(LxW)mm	1600x1400	1600x1400
Max.load of table (kg)	10000	10000
Transverse travel of table (X)mm	2000	2000
Vertical travel of spindle head(Y)mm	1600	1600
Longitudinal travel of table (Z)mm	2000(with D-post1200)	
Axial travel of spindle(mm)	900	900
Feeds of X、 Y、 Z、 Waxes per spindle revolution(mm/rev)	12stepless 0.04-6	
DRO(grating)	X,Y,Z,B	X,Y
Weight of machine (kg)	33000	28000
Overall dimensions Lmm	7520	6400
Wmm	4560	4400
Hmm	4085	4112