



TX68 TX619T Boring and Milling Machine

TX68 TX619T DRO Horizontal Boring and Milling Machine

TX619T DRO Horizontal Boring and Milling Machine is used for rough boring, fine boring and milling of small-sized and medium-sized parts. TX619T DRO Horizontal Boring and Milling Machine is controlled by PLC; X and Y axes are provided with grating DRO unit, reading accuracy is 0.005mm.

Features of TX68 TX619T DRO Horizontal Boring and Milling Machine

- 1. Fortune Pacific TX68 TX619T 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. Control system is provided with Mitsubishi PLC DRO unit and measuring elements are from SINO or NEWALL;**

Technical parameters of TX619T DRO Horizontal Boring and Milling Machine

Model	TX68	TX619T
Spindle diameter(mm)	85	90
Spindle taper	Morse 5#	
Spindle speed (r/min)	20-1000	
Power of main drive motor (kw)	6.5/8.0	
Max.drilling capacity of spindle (mm)	65	65
Max.boring capacity of spindle (mm)	240	240
Speed of facing chuck (r/min)	10-200(14step)	
Travel of facing chuck slide (mm)	170	
Max.boring capacity of facing chuck (mm)	450	
Table size(LxW)mm	1000x800	
Max.load of table (kg)	2000	
Transverse travel of table (X)mm	850	850
Vertical travel of spindle head(Y)mm	757	755
Longitudinal travel of table (Z)mm	1080(with D-post)	
Axial travel of spindle(mm)	600	
Feeds of X、 Y、 Z、 Waxes per spindle revolution(mm/rev)	W:18step 0.05-16 X,Y,Z:18step 0.025-8	
DRO(grating)	X,Y	X,Y
Weight of machine (kg)	10500	10500
Overall dimensions Lmm Wmm Hmm	5075 2345 2730	5075 2345 2730