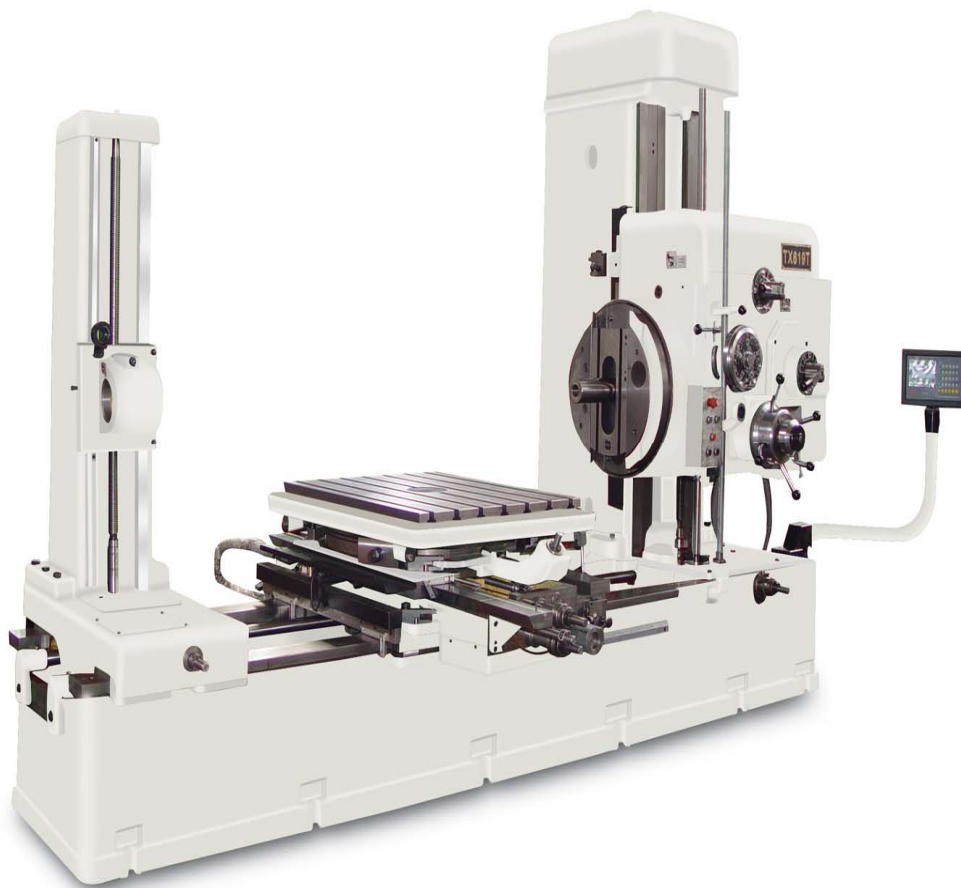




# Horizontal Boring Machine TX68



**V-FLO GROUP OF COMPANIES LTD.**

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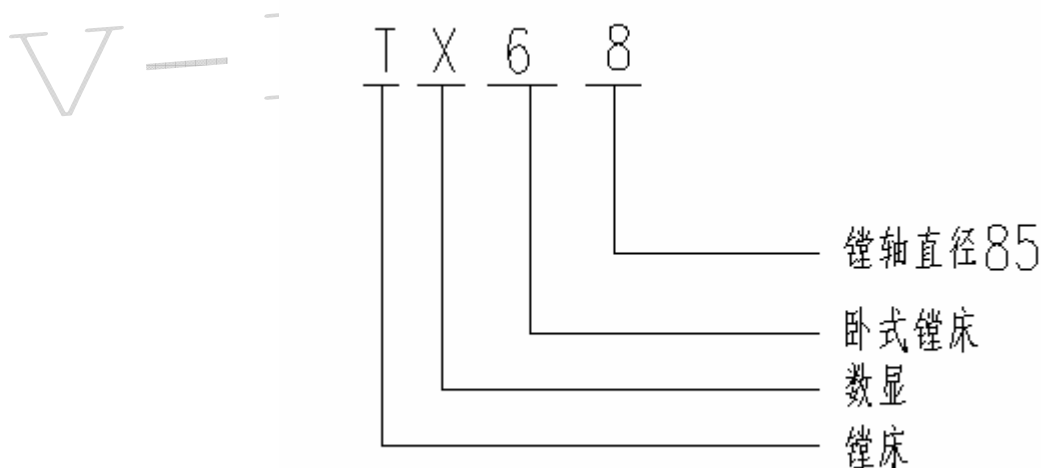
# Horizontal Boring Machine TX68

## Brief Introduction :

**TX68**

TX68 DRO horizontal boring and milling machine can perform boring, drilling and milling, also TX68 can use boring spindle or facing chuck to enlarge the working range. Adopting grating measurement, TX68's got reliable positioning accuracy and the whole machine adopts PLC control. The read accuracy of DRO unit is 0.005mm.

## Model Introduction :

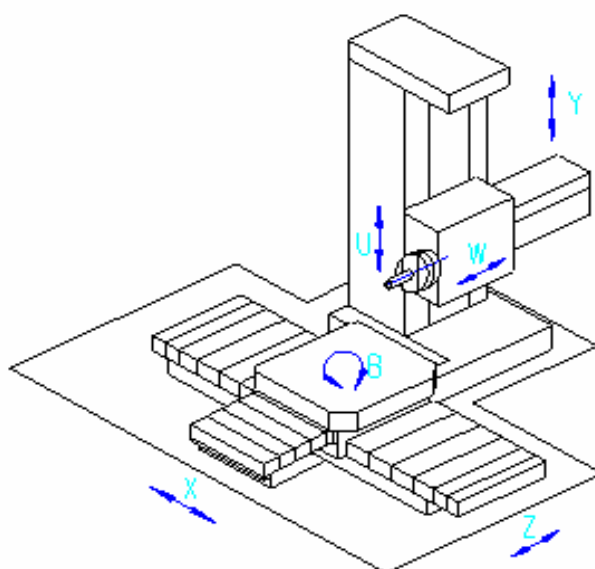


# Horizontal Boring Machine TX68

## TX68

### Structure Features :

- The machine is table type
- (X) Table crosses travel
- (Z) Table longitude travel
- (Y) Vertical travel of spindle head
- (W) Axial travel of boring spindle



机床外观及运动坐标示意图

# Horizontal Boring Machine TX68

## Technical Specification :

## TX68

● Spindle diameter	Φ85mm
● Table size(W×L)	800×1000mm
● Spindle taper	Morse 5#
● Table cross travel(X)	850mm
● Vertical travel of spindle head(Y)	757mm
● Table longitude travel (Z)	1080mm
● Axial travel of spindle (W)	600mm
● Radial travel of facing head	170mm
● Spindle speed	18( level )20~1000r/min
● Facing head speed	14 ( level )10~200r/min
● Feed capacity of spindle head and table	
● (calculate by spindle/run)	18( level ) 0.025~8mm/r
● Feed capacity of spindle head and table	
● (calculate by facing head/run)	18( level ) 0.05~16mm/r

# Horizontal Boring Machine TX68

## Technical Specification:

	<b><u>TX68</u></b>
● Rapid speed of spindle	4400mm/min
● Rapid speed of tool post	1000mm/min
● Max drilling diameter of spindle	65mm
● Max machining diameter of facing head	450mm
● Max boring diameter of spindle	240mm
● Spindle max torque	1100Nm
● Facing head max torque	2200Nm
● Spindle max thrust	13000N
● Max loading capacity of table	2000kg
● Main motor power	6.5/8kW
● Main powet	23kVA
● Machine tool overall dimension	5075X2200X2730mm
● Package dimension	5600X2300X2800mm

# **Horizontal Boring Machine** **TX68**

**TX68**

## Accuracy :

- X、 Y positioning accuracy 300mm is 0.02mm;full stroke is 0.05mm
- X、 Y read accuracy 0.005mm

## Standard Accessories :

- handle (T68;6205) 1set
- tool post of facing chuck for turing (T68;6048) 1set
- wrench for spindle, facing head 1pc
- socket wrench 12; S91-7 1pc
- single ended wrench 17; S91-2 1pc
- single ended wrench 22; S91-2 1pc
- single ended wrench 24; S91-2 1pc
- single ended wrench 27; S91-2 1pc
- single ended wrench 36; S91-2 1pc
- single ended wrench; 165—170;S93-1 1pc

# **Horizontal Boring Machine** **TX68**

**TX68**

## Special Accessories :

- boring tool post of facing head  $\Phi 65, L=500$  (T68;6053) 1set
- mill bracket for facing head (T68;6080a) 1set
- boring bar  $\Phi 40 \times 150$  (T68;6272) 1set
- tapping bar (M8-M20) 1set

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