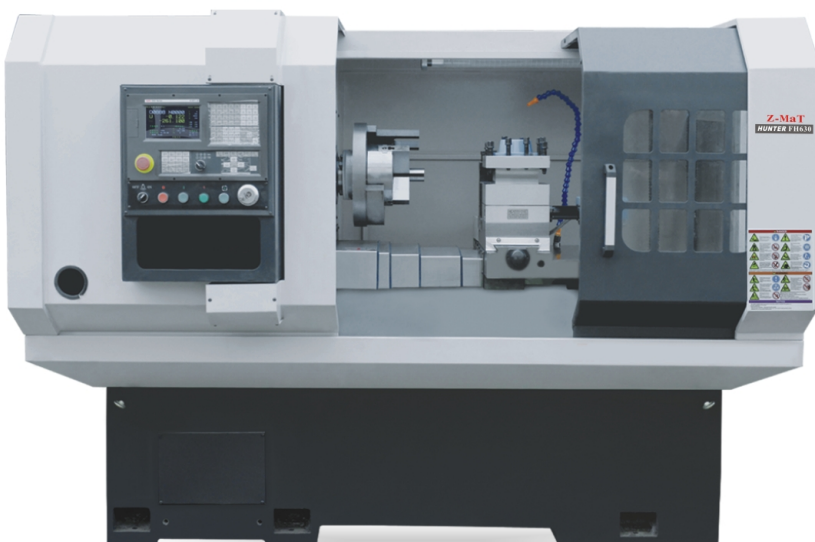


HUNTER FH

FH30B/FH40B/FH360/FH400/FH630



Unique, Efficient Design – Ball Screw is Mounted Between FH Lathe Bed Ways

Machine Characteristics

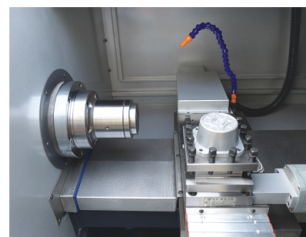
Center Mounted Ball Screw Assembly reduces friction and side torque – improving dynamic characteristics and long-term machine stability.
Telescoping, stainless steel ball screw/way guards completely protect slide operation from chips, coolant and debris.
Large contact area between bed ways and machine carriage promotes stability and accuracy.
Double row, cylindrical roller spindle bearings improve rigidity on larger machines.

Standard Features

- Manual 3-Jaw Chuck
- 4-Station Tool Post
- Work and Alarm Lights
- Full Enclosure safety guard
- Automatic Lubrication System
- Automatic Coolant System
- Variable Frequency Drive
- Pneumatic Collet (FH30B FH40B)
- Gang type tool (FH30B)

Optional Features

- Hydraulic Chuck/Collet
- Servo Spindle Motor/Drive
- Different CNC Control Systems
- High Speed Spindle Unit
- Larger Spindle Bore
- C Axis and Live Tooling
- Bar Feeder



Specifications

| | Unit | FH30B | FH40B | FH360 | FH400 | FH630 | |
|------------------|--------------------------------|-----------|---------------------|---|--------------------|---------------------------------|--------------------|
| Capacity | Collet bar capacity/Chuck size | inch | 30mm, *6" | 40mm, *6", *8", *12" | 8" | 8", *10" | 12", *15" |
| | Max. swing dia. over bed | mm | Φ320 | Φ380 | Φ350 | Φ420 | Φ630 |
| | Max. length of workpiece | mm | 180 | 300, *450 | 300 | 450 | 450 |
| | Max. swing dia. over slide | mm | Φ75 | Φ150 | Φ210 | Φ290 | Φ420 |
| Spindle | Spindle bore | mm | Φ37 *Φ48 | Φ48 *Φ62 *Φ70 *Φ105 | Φ55 * 62 | *Φ62 Φ81 | Φ105 *Φ120 |
| | Bar dia. capacity | mm | Φ32 *Φ40 | Φ40 *Φ52 *Φ60 *Φ91 | Φ46 * 52 | *Φ52 Φ70 | Φ91 *Φ110 |
| | Spindle nose | | Φ68 1:4 *Φ90 1:4 | Φ90 1:4 *A2-6 *A2-6 *Φ111 1:20 | C6 *A2-6 | *A2-6 A2-8 | A2-11 *A2-11 |
| | Spindle speed | rpm | 3000 *3000 | 3000 *2000 *2000 *1000 | 1600 *2000 | *2000 1600 *3500 *2500 | 1000 *1000 |
| Main motor power | kW | 3.0, *4.0 | 4.0 | 5.5 | 7.5/11 | 15 | |
| Axis | X axis travel | mm | 250 | 280, *340 | 320 | 320, *380 | 380 |
| | Z axis travel | mm | 180 | 300, *450 | 300(chuck) | 450 | 450 |
| | X/Z rapid traverse | m/min | 6/9 | 6/9 | 6/9 | 6/9 | 9/9 |
| Tool post | Type of toolpost | | Gang type | 4-station toolpost | 4-station toolpost | 4-station toolpost | 4-station toolpost |
| | No. of tool stations | nos | *4-station toolpost | *Gang type | *Gang type | *Gang type | *Gang type |
| | Tool shank size | mm | 4-5 | 4-6 | 4-5 | 4-5 | 4-5 |
| Structure | Bed width | mm | 16X16 | 20X20 | 20X20 | 25X25 | 32X32 |
| | Type guideway | | Hard | Hard | Hard | Hard | Hard |
| Others | Power capacity | kVA | 6 | 6.5 | 7 | 9.5 | 14 |
| | Overall dimension (LxWxH) | mm | 1350X1100X1420 | 1450X1200X1490 | 1900X1200X1600 | 2300X1300X1700 | 2300X1400X1800 |
| | Weight (about) | Kg | 1000 | 1200 | 1600 | 2600 | 3000 |

Note:*** means optional.

Z-MaT ZHEJIANG ZHENHUAN CNC MACHINE TOOL CO., LTD.

Zhejiang Headquarter and Plant:
Add: Mechanical & electrical industrial zone, Yuhuan,
Zhejiang, 317600 China
Phone: +86-576-87226292 Fax: +86-576-87226290
www.zmat.cn E-mail: info@zmat.cn

Jiangsu Accessories Plant:
Shandong Precision Spindle Unit Plant:
Hong Kong Commercial Center:
Taiwan R&D Center:

Nanjing Zhenhuan Machinery Co., Ltd.
Weihai Giessen Seiki Co., Ltd.
Kimway Dragon Holdings limited
GreaMaT Machinery Co., Ltd.

No.1 Tuqiao Industrial Zone, Jiangning District, Nanjing, Jiangsu.
No.39-3 Hi-tech Industrial Zone, Weihai, Shandong.
701A Caroline Centre, 2-38 Yun Ping Road, Hong Kong.
No. 955, Section 4, Wenxin Rd., Beitun District, Taichung, Taiwan.