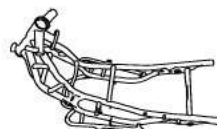


Processing



Model	FB-HDS-41A	FB-HDS-42C	FB-Tradition
Spindle Module			
Spindle	Machine center spindle	Machine center spindle	SPM traditional spindle
Spindle drive	Belt type	Direct type	Belt type
Max. rpm	3800 rpm	4000 rpm	2000 rpm
Cutter bar type	BT40	BT40	Flange type
Spindle Motor	Servo type Spindle Motor	Servo type Spindle Motor	Normal Motor
Cutter change	By UnClamping cylinder	By UnClamping cylinder	Screw type
ATC	1 cutter	2 cutters	1 cutter
Spindle cooler	NA	Yes	NA
Sliders			
Guide	Linear guide	Linear guide	Hard guide
Feeding	Servo	Servo	Servo (or Hydraulic)
Feeding Speed	Fast	Fast	Slow
Clamping			
Clamping Force	Panel number control	Panel number control	Manual adjust
Force FB vs BB	Fixed	Force can be changed automatically btw BoreBoring and FineBoring	Fixed
Electric			
Control	CNC	CNC	CNC (or PLC)
MPG	Yes	Yes	NA
Accuracy			
Spindle Roundness	< 0.003mm	< 0.003mm	0.005-0.008mm
Machine concentricity	< 0.025mm	< 0.025mm	0.05mm
Facilities			
Door	Auto	Auto	Manual
Machine weight	Around 4.5 Tons	Around 5.5 Tons	Around 2.7 Tons
Photo			

Application:
Head Tube, Swing Arm, Bottom Bracket
Guide Sleeve, Wrist Pin of Engine Piston



CNC ATC Double End Fine Boring Machine 數控換刀機構雙端插孔機



- 1 中心加工機
高速主軸
- 2 夾持壓力可數值調整
自動換刀
- 3 可自動手動
打刀BT40
- 4 圖文操作介面
免編程模式，易操作
- 5 增加刀片的壽命
- 6 先粗插換刀後精插
可增加精度的穩定性
- 7 可選配增加
中間Y軸伺服工作滑台
- 8 可選配增加為6支刀刀庫



CNC ATC FINE BORING

Solve the double-end machining at the same time,
special machinery for roundness and concentricity.

- CNC control
- Auto cutter change
(Rough boring > Fine boring or Multi-shape)
- Cutter magazine (2pcs/6pcs)
- Machine center spindle with high speed motor