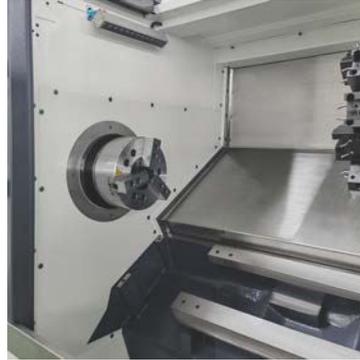


**Features:**

- Adopt BOX guideway, suitable for heavy cutting
- Adopt TAIWAN technology, most parts adopt GERMANY/JAPAN/TAIWAN brand
- Adopt 30° slant bed design
- Adopt china top class HT300 cast iron, after aging treatment, small distortion, good torsional strength, good heat stability
- Adopt high precision spindle unit, spindle motor adopt high performance servo motor, big output torque, high speed
- Adopt high precision pre-stretched ball screw(double nuts), coupled with feeding motor directly by linkager, no gap, high transmission rigidity
- Tailstock adopt BOX guideway
- H70H: 8/12T hydraulic-servo tool turret
- H70MH: 12T powered tool turret+CS axes



H70MH CS axes with hydraulic brake



Hydraulic chuck



X Z axes and tailstock BOX guideway



H70MH SAUTER(GPM) 12T powered tool turret



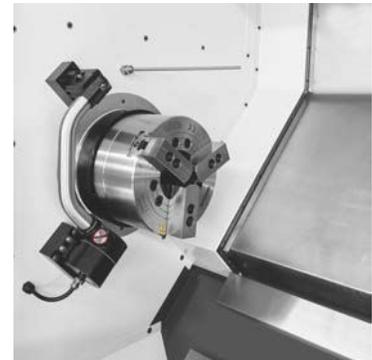
Hydraulic tailstock



Tailstock hook



SCHNEIDER brand electric parts



RENISHAW brand tool setting probe

Main parts list:

Item	Brand	Item	Brand
CNC controller	JAPAN-FANUC	Tool turret	TAIWAN-MYKUN/GERMANY-SAUTER(GPM)
X,Z axes servo motor&driver	JAPAN-FANUC	Chuck&cylinder	TAIWAN-AUTOGRIP/CHANDOX
Spindle servo motor&driver	JAPAN-FANUC	Hydraulic parts	TAIWAN/JAPAN
Spindle bearing	JAPAN-NSK/GERMANY-FAG,SKF	Lubrication pump	JAPAN-HERG
Ball screw bearing	JAPAN-NSK/GERMANY-FAG	Main electric parts	FRANCE-SCHNEIDER
Ball screw	TAIWAN-HIWIN/PMI		

Standard configuration:

- FANUC 0I TF CNC controller
- Hydraulic chuck
- Hydraulic tailstock

Optional configuration:

- SYNTEC/SIEMENS CNC controller
- Automatic chip conveyor
- Tool setting probe
- Hydraulic steady rest

Specification:						
Item	Specification	Unit	BL-H70H		BL-H70MH	
Capacity	Max. swing dia. over bed	mm	Φ730			
	Max. swing dia. over slide	mm	Φ440		Φ400	
	Max. turning dia.	mm	Φ600		Φ500	
	Max. turning length	mm	1000/1500/2000/3000	1500/2000/3000	950/1500/2000/3000	1450/2000/3000
Spindle	Spindle end type	/	A2-8	A2-11	A2-8	A2-11
	Spindle bore	mm	Φ86	Φ102	Φ86	Φ102
	Spindle taper	/	1:20			
	Spindle speed	rpm	2500	1800	2500	1800
	Max. bar through dia.	mm	Φ74	Φ90	Φ74	Φ90
	Spindle motor power	kw	15/18.5(FANUC)			
	Spindle motor transmission	/	A2-8 1000/1500mm: 1:2 belt transmission; A2-8 2000/3000mm& A2-11: ZF reducer(L:1:8 H:1:2)			
	Chuck size	"	10"	12"	10"	12"
	C axes division accuracy	Deg	/		0.01°	
	X/Z axes	X axes ball screw O.D.,pitch	mm	Φ40,8		
Z axes ball screw O.D.,pitch		mm	Φ50,10			
X axes travel		mm	320			
Z axes travel		mm	1050/1550/2050/3050	1550/2050/3050	1050/1550/2050/3050	1550/2050/3050
X axes rapid moving speed		m/min	20			
Z axes rapid moving speed		m/min	16/16/12/12	16/12/12	16/16/12/12	16/12/12
X axes motor		Nm	20(FANUC)			
Z axes motor		Nm	20/27/36/36(FANUC)	27/36/36(FANUC)	20/27/36/36(FANUC)	27/36/36(FANUC)
Tool turret	Tool turret type	/	8/12T Hydraulic-servo tool turret (center height 125mm)		12T BMT65 servo powered tool turret(ER40) (center height 125mm)	
	Toolshank size	mm	32×32, Φ50		25×25, Φ50	
	Live tool motor	kw	/		5.5(FANUC)	
	Live tool max. speed	rpm	/		5000	
Tailstock	Tailstock body travel	mm	900/1400/1900/2900	1400/1900/2900	1000/1500/2000/3000	1500/2000/3000
	Tailstock taper	/	MT5#(1m);MT5# or MT6#(1.5/2/3m)*			
	Tailstock quill O.D.	mm	Φ100			
	Tailstock quill travel	mm	80			
	Tailstock guideway type	/	Box			
Accuracy	X axes positioning accuracy	mm	±0.005			
	Z axes positioning accuracy	mm	±0.005/±0.008/ ±0.009/±0.011	±0.008/±0.009/ ±0.011	±0.005/±0.008/ ±0.009/±0.011	±0.008/±0.009/ ±0.011
	X axes repeat positioning accuracy	mm	±0.003/±0.003/ ±0.005/±0.005	±0.003/±0.005/ ±0.005	±0.003/±0.003/ ±0.005/±0.005	±0.003/±0.005/ ±0.005
	Z axes repeat positioning accuracy	mm	±0.003/±0.005/ ±0.006/±0.008	±0.005/±0.006/ ±0.008	±0.003/±0.005/ ±0.006/±0.008	±0.005/±0.006/ ±0.008
Others	Overall size	mm	3700/4400/5000/6500×2000×2100			
	N.W.	kg	7500/9000/10500/14500	9300/10800/15000	7700/9200/10700/14700	9500/11000/15200