

**Features:**

- Adopt TAIWAN technology, most parts adopt GERMAN/JAPAN/TAIWAN brand
- Adopt 45° mono-block slant bed design
- Adopt wide linear guideway, high rigidity
- Adopt modularization design, easy for various especial configuration choice, such as tool setter etc
- Adopt MEEHANITE class cast iron, after aging treatment, small distortion, good torsional strength, good heat stability
- Base adopt multilayer strengthening rib, ensure bed's strength and stability
- Adopt high precision spindle unit, spindle motor adopt high performance servo motor, big output torque, high speed, wide adjustment range
- Adopt high precision C3 class pre-stretched ball screw, coupled with feeding motor directly by linkager, no gap



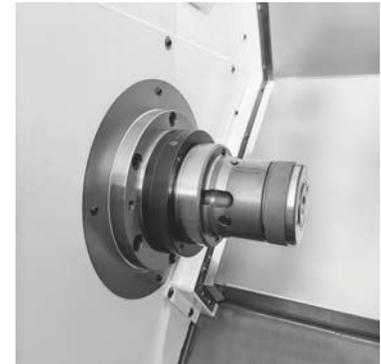
Machine inside



Spindle with NSK bearings



6" hydraulic chuck



CL42 collet chuck



Gang tool holders



SCHNEIDER brand electricity parts



GSK980TDi



SYNTEC 22TA

Main parts list:

Item	Brand	Item	Brand
Spindle	CHINA brand(NSK bearing)/TAIWAN-KENTURN	Lubrication system	JAPAN-HERG
Ball screw	TAIWAN-HIWIN/PMI	Heat exchanger	Joint-venture
Ball screw bearing	GERMANY-FAG	Main electricity parts	FRANCE-SCHNEIDER
Linear guideway	TAIWAN-HIWIN/PMI		

Standard configuration:

- GSK980TDi CNC controller
- Hydraulic collet/chuck

Optional configuration:

- SIEMENS 808D/FANUC 0i TF/SYNTEC 22TA CNC controller
- Live tool
- Chip conveyor
- Bar feeder

Specification:

Item	Specification	Unit	BL-H40P
Capacity	Chuck size	/	6"
	Max. swing dia. over bed	mm	Φ360
	Max. swing dia. over slide	mm	Φ100
	Max. turning length	mm	300
	Max. turning dia.	mm	Φ360
Spindle	Spindle bore	mm	Φ56
	Spindle end type	/	A2-5
	Max. bar through dia.	mm	Φ45
	Spindle speed	rpm	4500
	Spindle motor power	kw	5.5
X/Z axes	Spindle motor transmission ratio	/	1:1
	X axes travel	mm	700(single side 350)
	Z axes travel	mm	300
	X axes ball screw O.D./pitch	mm	Φ25/10
	Z axes ball screw O.D./pitch	mm	Φ32/10
	X/Z axes linear guideway width	mm	30
Tool turret	X/Z axes rapid moving speed	m/min	24
	Tool turret type	/	Gang tool
Tailstock	Toolshank size	mm	20×20, Φ25
	Tailstock quill taper	/	None
Accuracy	X/Z axes positioning accuracy	mm	±0.005
	X/Z axes repeat positioning accuracy	mm	±0.003
Others	Overall size	mm	1700×1500×1700
	N.W.	kg	2100