

**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
- H46 adopt gang tool; H46T adopt 12T hydraulic-servo tool turret



Mono-block slant bed



TAIWAN KENTURN spindle



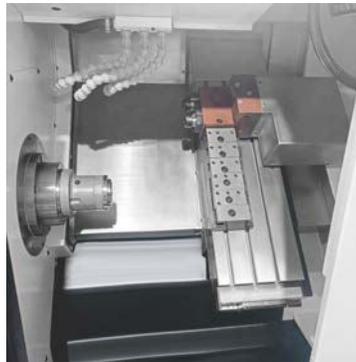
H46 chuck with gang tool



H46T 12T hydraulic-servo tool turret



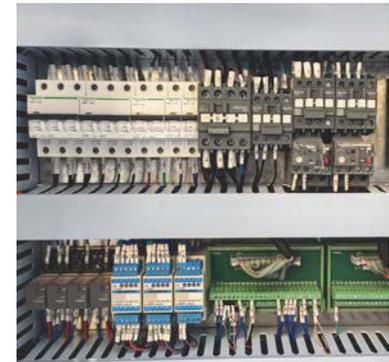
H46T Parts catcher



H46 independent live tools



Electricity cabinet



SCHNEIDER brand electricity parts

### Main parts list:

Item	Brand	Item	Brand
Spindle unit	TAIWAN-KENTURN	Chuck& cylinder	TAIWAN -AUTOGRIP/CHANDOX
Ball screw	TAIWAN-HIWIN/PMI	Lubrication system	JAPAN-HERG
Ball screw bearing	JAPAN-NSK/GERMANY-FAG	Heat exchanger	Joint-venture
Linear guideway	TAIWAN-HIWIN/PMI	Main electricity parts	FRANCE-SCHNEIDER

### Standard configuration:

- SYNTEC 22TA CNC controller
- Hydraulic collet/chuck

### Optional configuration:

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

## Specification:

Item	Specification	Unit	BL-H46	BL-H46T
Capacity	Chuck size	/	6"/8"*	
	Max. swing dia. over bed	mm	Φ360	Φ450
	Max. swing dia. over slide	mm	Φ100	Φ200
	Max. turning length	mm	300(for 6" chuck)	
	Max. turning dia.	mm	Φ300	Φ350
Spindle	Spindle bore	mm	Φ56	
	Spindle end type	/	A2-5	
	Max. bar through dia.	mm	Φ44	
	Spindle speed	rpm	4500	
	Spindle motor power	kw	7.5	
	Spindle motor transmission ratio	/	1:1	
X/Z axes	X axes travel	mm	900(single side 450)	190
	Z axes travel	mm	300	
	X axes ball screw O.D./pitch	mm	Φ25/10	Φ32/10
	Z axes ball screw O.D./pitch	mm	Φ32/10	
	X/Z axes linear guideway width	mm	30	
	X/Z axes rapid moving speed	m/min	30	
Tool turret	Tool turret type	/	Gang tool	12T hydraulic-servo tool turret
	Toolshank size	mm	20×20, Φ25	20×20, Φ32
Tailstock	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	2100×1400×1700	
	N.W.	kg	2100	2200

\*As option