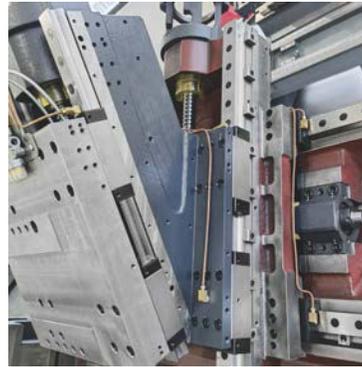


**Features:**

- Adopt 90% same structure as TAIWAN GOODWAY, bed adopt 30° slant design, high rigidity, good machining flexibility
- Adopt TAIWAN technology, designed by TAIWAN engineer, most parts adopt GERMANY/JAPAN/TAIWAN brand
- Adopt modularization design, has strong extended function, easy for various especial configuration choice
- Adopt HT300 resin sand cast iron, after aging treatment and FEA analysis, small distortion, good torsional strength, good heat stability
- Base adopt multilayer strengthening rib, ensure bed's strength and stability
- Frame adopt oil-coolant separation design, adopt independent coolant tank
- Adopt high precision integral spindle unit, spindle motor adopt high performance servo motor, big output torque, high speed, wide adjustment range
- Adopt high precision pre-stretched ball screw (double nuts), coupled with motor directly by linkager, high transmission rigidity, can realize high precise turning
- Adopt high precision ROLLER type linear guideway, high rigidity, good accuracy holding, suitable for heavy loading and precise machining
- Adopt GERMANY SAUTER brand powered tool turret, fast tool changing, good repeatability, high efficiency
- Adopt servo programmable tailstock, tailstock quill not move, whole tailstock body driven by servo motor & ball screw on linear guideway
- With 30° slant interpolation Y axes, super higher machining rigidity



Frame



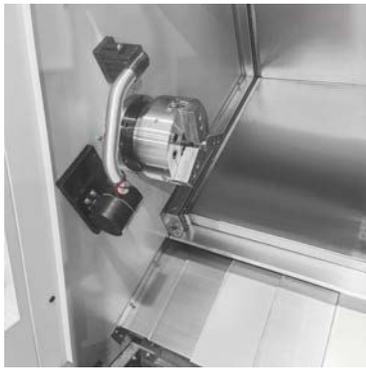
Interpolation Y axes



Servo tailstock



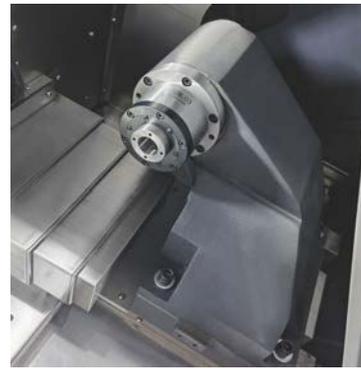
CS axes with hydraulic brake



RENISHAW tool setting probe



12T powered tool turret



Rotary tailstock



FANUC 0i TF CNC controller

Main parts list:

Item	Brand	Item	Brand
CNC controller	JAPAN-FANUC/TAIWAN-SYNTEC	Lubrication system	TAIWAN/JAPAN
Servo driver&motor	JAPAN-FANUC/TAIWAN-SYNTEC	Rotary oil cylinder&chuck	TAIWAN/KOREA
Spindle unit	TAIWAN	Hydraulic parts	TAIWAN/JAPAN
Spindle bearing	JAPAN-NSK/GERMANY-SKF	Coolant pump	Joint-venture
Ball screw bearing	JAPAN-KOYO/GERMANY-FAG	Breaker	FRANCE-SCHNEIDER
Tool turret	GERMANY-SAUTER/TAIWAN-TCSM	AC contactor	FRANCE-SCHNEIDER
Ball screw	TAIWAN-PMI	Relay	JAPAN-OMRON
Linear guideway	TAIWAN PMI	Nuts	TAIWAN-YINSH

Standard configuration:

- FANUC 0i TF CNC controller
- Hydraulic chuck
- 12 station powered tool turret
- Y axes
- Servo programmable tailstock

Optional configuration:

- Automatic chip conveyor
- Tool setting probe

Specification:

Item	Specification	Unit	BL-H50Y
Capacity	Max. swing dia. over bed	mm	Φ600
	Max. swing dia. over slide	mm	Φ380
	Max. turning length	mm	500
	Max. turning dia.	mm	Φ350
Spindle	Spindle bore	mm	Φ66
	Spindle end type	/	A2-6
	Spindle speed	rpm	4000
	Spindle max. bar through dia.	mm	Φ51
	Spindle motor power	kw	11/15(FANUC)
	Spindle chuck size	"	8"
	Spindle C axes division accuracy	Deg	0.001°
X/Y/Z axes	X/Y/Z axes linear guideway type	/	ROLLER type
	X/Y/Z axes linear guideway width	mm	30/30/35
	X/Y/Z axes travel	mm	210/±50/600
	X/Y/Z axes torque	kw	1.8/1.4/1.8(FANUC)
	X/Y/Z axes rapid moving speed	m/min	24/15/24
Tool turret	Tool turret type	/	BMT55 Powered tool turret
	Tool qty	/	12T
	Vicinal tool changing time	s	0.28
	Farthest tool changing time	s	0.4
	Toolshank size	mm	25×25, Φ40
	Live tool motor power	kw	2.7(FANUC)
	Live tool max. speed	rpm	4000
Tailstock	Tailstock type	/	tailstock body's movement driven by servo motor&ball screw
	Travel of tailstock body	mm	500
	Tailstock rapid moving speed	m/min	20
	Tailstock type	/	MT4#
	Tailstock servo motor	kw	1.4(FANUC)
Accuracy	Positioning accuracy(X/Y/Z)	mm	0.005/0.008/0.008
	Repeat positioning accuracy(X/Y/Z)	mm	0.003/0.004/0.004
Others	Coolant pump motor	w	500
	N.W.	kg	4000