BL-CSL266H

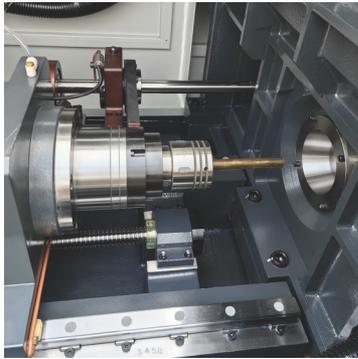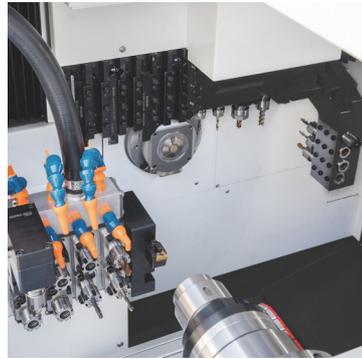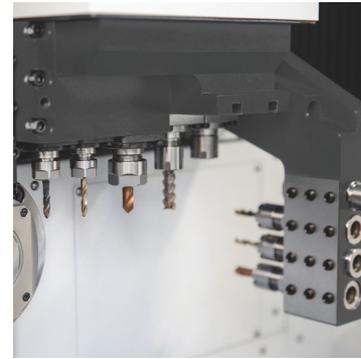## Features:

- "H" means HEAVY-DUTY type
- Dual spindle, total 5 axes(CSL205H,265H)/6 axes(CSL206H, 266H, mount Y2 axes)
- Adopt JAPANESE technology, similar structure as JAPANESE machine, most parts adopt GERMANY/JAPAN/TAIWAN brand
- Adopt meehanite resin sand cast iron, after aging treatment, small distortion, good heat stability and high rigidity
- Adopt high precision built-in electro-spindle,NSK/NTN super high precise angle contact ball bearing, achieve spindle's high rigidity and good precision retention, spindle flop≤2μm
- Adopt JAPAN THK/TAIWAN PMI brand high precision ball screw and linear guideway
- Can achieve turning/milling/drilling etc combined machining by side-mounted live tool and CS axes
- After mount automatic bar feeder, can realize automatic machining
- Suitable for complex, small-sized,precise,slender axles workpiece machining

SWISS-TYPE AUTOMATIC LATHE **CSL** PRECISE SERIES

BL-CSL205H/206H/265H/266H

JAPANESE TECHNOLOGY, DUAL SPINDLE, 5/6 AXES, HEAVY-DUTY TYPE

Spindle

CSL206H 266H Inside
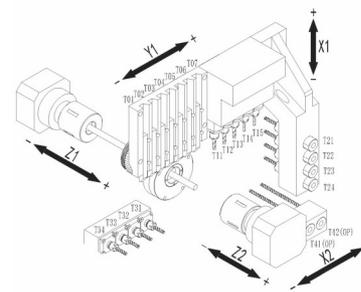

Main spindle radial live tools
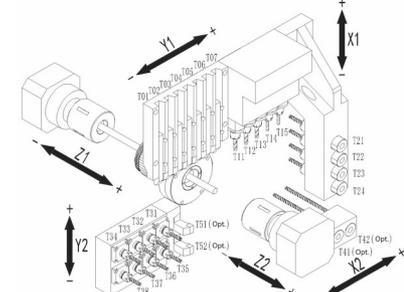

CSL206H 266H with Y2 axes

MITSUBISHI M80

SCHNEIDER brand electricity parts

CSL205H 265H tools distribution

CSL206H 266H tools distribution

Main parts list:

Item	Brand	Item	Brand
CNC controller	TAIWAN-SYNTEC/JAPAN-FANUC/JAPAN-MITSUBISHI	Linear guideway	JAPAN-THK/TAIWAN-PMI
Servo electro-spindle	OWN-MADE	Lubrication system	JAPAN-HERG
Servo motor&driver	TAIWAN-SYNTEC/JAPAN-FANUC/JAPAN-MITSUBISHI	Main electricity parts	FRANCE-SCHNEIDER
Spindle encoder	TAIWAN-SYNTEC/JAPAN-FANUC/JAPAN-MITSUBISHI	Pneumatic parts	TAWAN-AIRTAC
Spindle bearing	JAPAN-NSK/NTN P4 CLASS	Lock nuts	TAIWAN-YINSH
Ball screw bearing	JAPAN-NSK/NACHI	Shaft coupling	GERMANY-KTR
Ball screw	JAPAN-THK/TAIWAN-PMI		

Standard configuration:

- SYNTEC 22TB/220TB CNC controller
- Rotary guide bushing
- Dual spindle
- Y2 axes(for CSL206H/266H)
- Parts catcher& convey belt

Optional configuration:

- High pressure coolant system
- Oil mist collection system
- Various plug-in type attachments
- Automatic chip conveyor
- Bar feeder

Specification:

Item	Specification		Unit	BL-CSL205H	BL-CSL206H	BL-CSL265H	BL-CSL266H
Capacity	Max. machineable bar dia.		mm	Φ20		Φ26	
	Main spindle bore		mm	Φ25		Φ30	
	Max. machineable length	Rotary guide bushing	mm	180(one time feed)			
		Guide bushless	mm	2.5×ΦD, max. 50			
	Max. face drilling dia.(main spindle/back spindle)		mm	Φ10			
	Max. face tapping dia.(main spindle/back spindle)		mm	M10			
Main spindle	Main spindle type		/	Servo electro-spindle			
	Main spindle max speed		rpm	10000(Rotary guide bushing 8000)			
	Main spindle power		kw	4.2(SYNTEC);3.7(FANUC);3.7(MITSUBISHI)			
	Main spindle index		/	CS axes(continuation),electromagnetic brake			
	O.D. turning tool		mm	1×□16+6×□12			
	Main spindle radial type live tool		/	2×ER11+3×ER16			
	Main spindle radial type live tool max speed		rpm	6000			
	Main spindle radial type live tool power		kw	1(SYNTEC);0.75(FANUC,MITSUBISHI)			
	Main spindle radial type live tool max. drilling dia.		mm	Φ8			
	Main spindle radial type live tool max. tapping dia.		mm	M6			
	Main spindle axial static type drilling tool		/	4×ER16			
Back spindle	Back spindle type		/	Servo electro-spindle			
	Back spindle max speed		rpm	10000			
	Back spindle power		kw	4.2(SYNTEC);3.7(FANUC);3.7(MITSUBISHI)			
	Back spindle index		/	CS axes(continuation),electromagnetic brake			
	Back spindle clamping dia.		mm	Φ2~20		Φ2~26	
	Back spindle axial static type drilling tool		/	4×ER16			
	Back spindle axial type live tool		/	2/3×ER16*	4×ER16	2/3×ER16*	4×ER16
	Back spindle axial type live tool max speed		rpm	6000*	6000	6000*	6000
	Back spindle axial type live tool power		kw	1(SYNTEC);0.75(FANUC,MITSUBISHI)*	1(SYNTEC);0.75(FANUC,MITSUBISHI)	1(SYNTEC);0.75(FANUC,MITSUBISHI)*	1(SYNTEC);0.75(FANUC,MITSUBISHI)
Others	Rapid moving speed(X1/Y1/Z1/X2/Z2)		m/min	20/24/24/24/none/24	20/24/24/24/none/24	20/24/24/24/none/24	20/24/24/24/none/24
	Spindle runout		mm	≤0.002			
	Repeat positioning accuracy		mm	≤0.003			
	Coolant pump		kw	0.4			
	Overall size		mm	2565×1350×1850			
	N.W.		kg	3000	3100	3000	3100

* As option