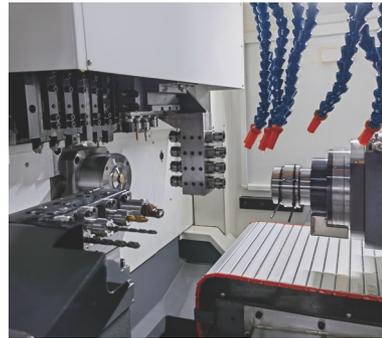


**Features:**

- Dual spindle, total 5 axes(CSL325,385)/6 axes(CSL326,386, mount Y2 axes)
- Adopt JAPANESE technology,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 $\leq 2\mu\text{m}$
- Adopt JAPAN THK brand high precision ball screw and linear guideway
- Can achieve turning/milling/drilling etc combined machining by side-mounted live tool and C axes
- After mount automatic bar feeder, can realize automatic machining
- Suitable for complex, small-sized,precise,slender axles workpiece machining



Servo electro-spindle



CSL325 385 inside



CSL326 386 with Y2 axes



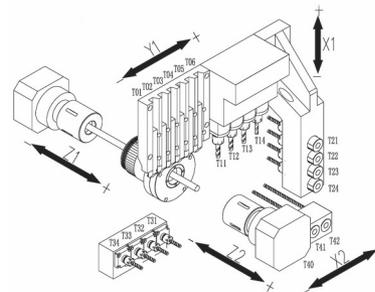
Back spindle



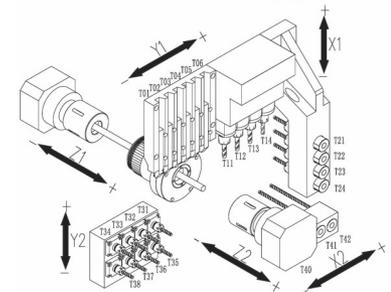
Parts catcher and chip conveyor



SYNTEC 220TB CNC controller



CSL325 385 tools distribution



CSL326 386 tools distribution

Main parts list:

Item	Brand	Item	Brand
CNC controller	TAIWAN-SYNTEC/JAPAN-FANUC	Linear guideway	JAPAN-THK/TAIWAN-PMI
Servo electro-spindle	OWN-MADE	Lubrication system	JAPAN-HERG
Servo motor&driver	TAIWAN-SYNTEC/JAPAN-FANUC	Main electricity parts	FRANCE-SCHNEIDER
Spindle encoder	TAIWAN-SYNTEC/JAPAN-FANUC	Pneumatic parts	TAIWAN-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 CSL326/386)
- 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-CSL325	BL-CSL326	BL-CSL385	BL-CSL386	
Capacity	Max. machineable bar dia.	mm	Φ32(Φ35*)		Φ38		
	Main spindle bore	mm	Φ36(Φ37*)		Φ39		
	Max. machineable length	Rotary guide bushing	mm	310(one time feed)			
		Guide bushless	mm	2.5×ΦD,max. 80		2.5×ΦD,max. 90	
	Max. face drilling dia.(main spindle/back spindle)	mm	Φ13/Φ10				
	Max. face tapping dia.(main spindle/back spindle)	mm	M12/M10				
Main spindle	Main spindle type	/	Servo electro-spindle				
	Main spindle max speed	rpm	8000		6000		
	Main spindle power	kw	6.3(SYNTEC);4.5(FANUC)				
	Main spindle index	/	CS axes(continuation),electromagnetic&mechanical brake				
	O.D. turning tool	mm	6×□16(for max. 35mm bar:1×□20+5×□16)		1×□20+5×□16		
	Main spindle radial type live tool	/	3×ER16+1×ER20				
	Main spindle radial type live tool max speed	rpm	6000(SYNTEC);4800(FANUC)				
	Main spindle radial type live tool power	kw	1.1(SYNTEC);1.2(FANUC)				
	Main spindle radial type live tool max. drilling dia.	mm	Φ10				
	Main spindle radial type live tool max. tapping dia.	mm	M8				
	Main spindle axial static type drilling tool	/	4×ER20				
	Back spindle	Back spindle type	/	Servo electro-spindle			
Back spindle max speed		rpm	8000				
Back spindle power		kw	4.2(SYNTEC);3.7(FANUC)				
Back spindle index		/	CS axes(continuation),electromagnetic brake				
Back spindle clamping dia.		mm	Φ3~32		Φ8~38		
Back spindle axial static type drilling tool		/	4×ER16				
Back spindle axial type live tool		mm	2-4×ER16*	4×ER16	2-4×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)*	1(SYNTEC);0.75(FANUC)	1(SYNTEC);0.75(FANUC)*	1(SYNTEC);0.75(FANUC)	
Deep hole drilling holder		/	2×ER16				
Others	Rapid moving speed(X1/Y1/Z1/X2/Y2/Z2)	m/min	24/30/30/30/None/30	24/30/30/30/24/30	24/30/24/30/None/30	24/30/24/30/24/30	
	Repeat positioning accuracy	mm	≤0.003				
	Coolant pump	kw	0.4				
	Overall size	mm	2960×1660×1920		3100×1660×1920		
	N.W.	kg	3800				

* As option