

S32

CSL

Swiss Type CNC Automatic Lathe



Superior Quality

Outstanding Performance

Affordable Pricing

Dynamic

Real Machines. Solid Performance.

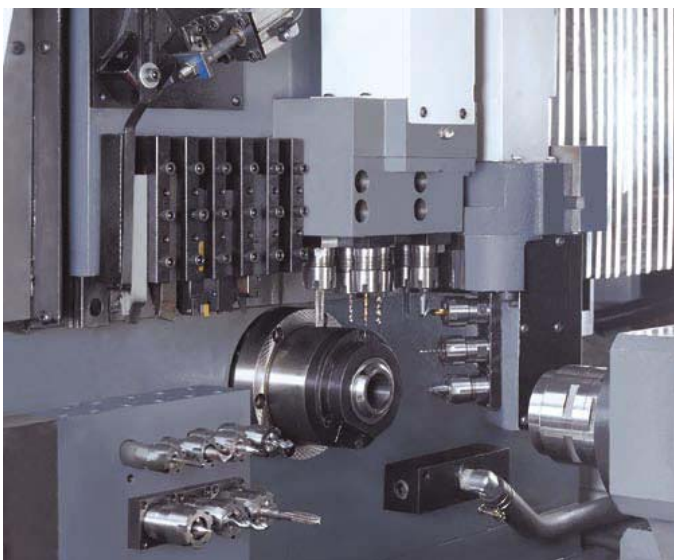
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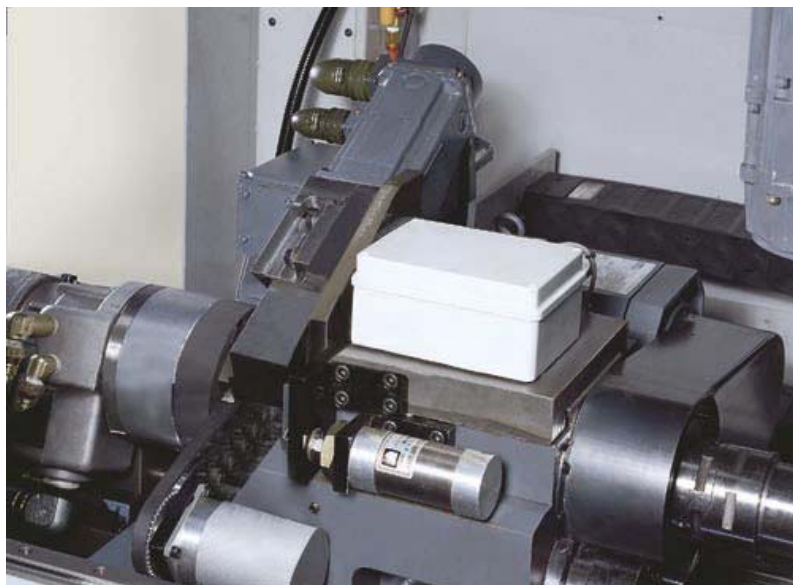
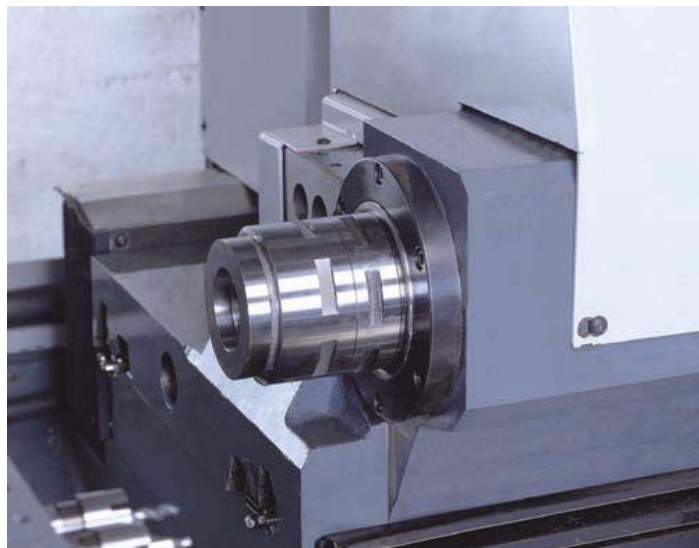
The latest 32CSL series Swiss CNC is designed for high accuracy, high output in today's demanding working environment.

Machine Features



Maximum of 26 tool positions (included all options) Provide the possibility to fulfill different machining requirements including angular position machining.

The Main spindle and sub spindle can work simultaneously or individually for different applications.



Optional 0.001 Cf spindle indexing function increases machining flexibility



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Machine Specifications

Model		25CSL	32 CSL
Cutting Range	Max. turning Dia.	1 1/16" (26mm)	1 3/8" (35mm)
	Max. turning Length (per chucking)	10.55" (268mm)	10.55" (268mm)
	Max drilling diameter	0.79" (20mm)	1.02" (26mm)
	Max tapping diameter	5/8" or M16	5/8" or M16
Tooling System	Number of OD Tools Max.	6	6
	OD Tool Size	16mm x16mm x 120mm	16mm x16mm x 120mm
	Number of ID Tools Max.	2	2
	ID Tool Size	25mm with ER 20 collets	25mm with ER 20 collets
Cross Slide Driven Tools	Number of Tools Max.	6	6
	Cross Slide Driven Tool Size	25mm with ER 20 collets	25mm with ER 20 collets
	Max Tool RPM	200-6,000 rpm	200-6,000 rpm
Angular Driven Tools (optional)	Number of Angular driven Tools Max.	3	3
	Angular driven Max Tool RPM	100-3,000 rpm (optional 100-6,000 rpm)	100-3,000 rpm (optional 100-6,000 rpm)
Front End Cutting	Number of Tools Max.	2	2
Back Side cutting	Number of Tools Max.	3	3
Stationary Tools for back side cutting	Number of Tools Max.	4	4
Main Spindle	Spindle Bore Diameter	1.02" (26mm)	1.5" (38mm)
	Spindle Speed	200-8,000 rpm	200-8,000 rpm



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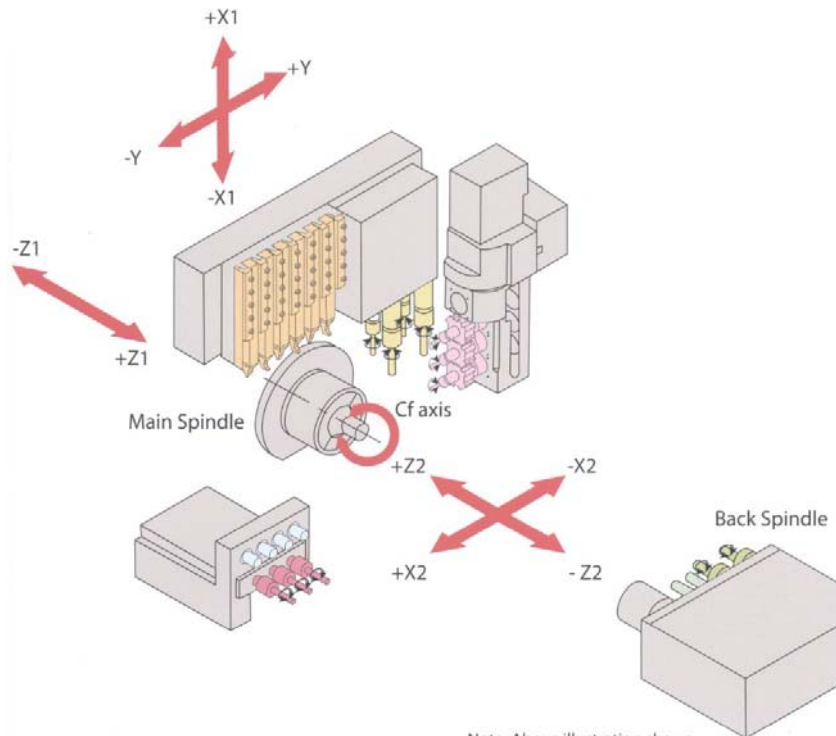
Machine Specifications cont.

Model		25CSL	32CSL
Back Spindle	Back Spindle bore diameter	.98" (25mm)	1.30" (33mm)
	Back Spindle Speed	200-8,000 rpm	200-8,000 rpm
	Max. Length for front ejection	10.55" (268mm)	10.55" (268mm)
	Max. back drilling diameter	0.63" (16mm)	0.63" (16mm)
	Max. backtapping diameter	M12	M12
Rapid Traverse	X1, Z1 axis	709 IPM (18M/min)	709 IPM (18M/min)
	X2, Z2 axis	709 IPM (18M/min)	709 IPM (18M/min)
	Y1 Axis	709 IPM (18M/min)	709 IPM (18M/min)
Motor Size	Main Spindle Motor	7.4 HP (5.5KW)	7.4 HP (5.5KW)
	Back Spindle Motor	3 HP (2.2KW)	3HP (2.2KW)
	X/Y/Z Servo Motor	1.5 HP (1.1KW)	1.5 HP (1.1 KW)
	Coolant Pump	0.3HP (0.25KW)	0.3HP (0.25KW)
	Lubrication Pump	4W	4W
	Driven Tool Motors	0.75 HP (0.55 KW)	0.75 HP (0.55 KW)
Machine Size	Spindle Center Height	37.8"(960mm)	37.8"(960mm)
	Weight	8792 lbs (3,988kg)	8792 lbs (3,988kg)
	Machine Dimensions	98"Lx50"Wx70"H 2480 x 1280 x 1780 mm	98"Lx50"Wx70"H 2480 x 1280 x 1780 mm
Air Pressure	Air Pressure	71 psi (5kg/cm2)	71 psi (5kg/cm2)

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Note: Above illustration shows all the tooling possibilities, some may be optional.

Standard Accessories

- Main spindle chucking device
- Main spindle 5 degree indexing
- Back spindle 5 degree indexing
- Main spindle chucking device
- Sub spindle chucking device
- Sub spindle knock-out device for unloading
- Lubrication device
- Rotary Guide Bushing driven unit
- Guide Bushing device
- Part off detection sensor
- Parts catcher with conveyor
- Rotary tool spindle driven device
- (6) Rotary tool spindles for cross driven tools
- Part Off Detection Sensor
- Coolant System

Optional Accessories

- Main Spindle Cf axis function (0.001 degrees indexing)
- Angular position rotary tools
- Back face driven tool device
- Rough material bushing
- Chip conveyor
- Chip bucket
- Additional tool holders
- Long work piece device

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