

WIN WITH TECHNOLOGY

7-Axis Swiss Type Auto Lathe New Eurotech Swiss⁺TURN



Gepard XL 32

- Up to 35mm bar capacity
- Quick-change from Guide to Non-guide bushing
- Clear-shift Sub-spindle
- 30 cutting tool capacity
- 16 live tool capacity
- 7.5 Kw on Main & Sub-spindle
- C-axis on Main & Sub on XL 32 Model
- Disc brake on Main & Sub



"We were looking at another Citizen (own Citizen now) and we saw the SWISS⁺TURN. The machine can do so much more than any other Swiss machine. We are holding tolerances of 0.0002."

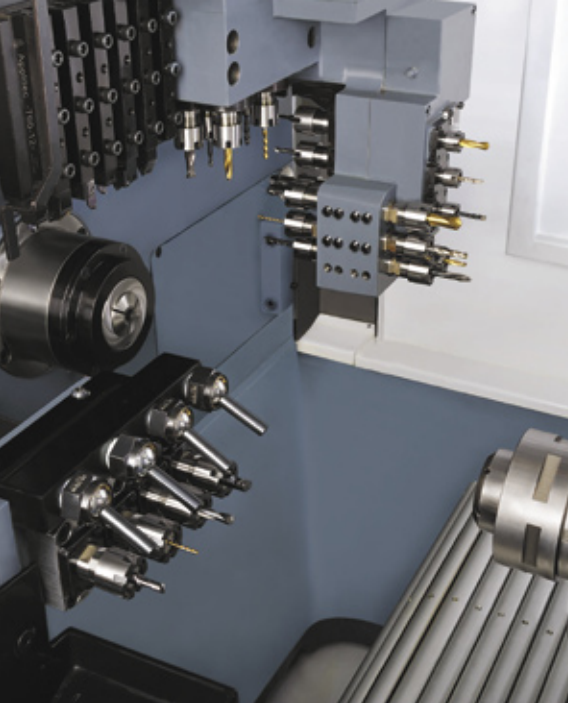
Paul Ott - owner
OTT Brothers Machine Co.



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Technology - Runs Faster Sleeps Less

Complete parts in one-op...eliminate handling, fixturing, inspections, wasted time and floor space!



The SwissTurn Y-axis slides dual-spindle Swiss type CNC auto lathe - the ultimate for bar machining and auto loaded components. The main performance benefits offered:

- Reduction of cycle times
- Greater rigidity and matched spindles allows machining of tough materials.
- Load up to 30 cutting tools for machining of complex parts and reduce set-up times.

Back Spindle - Fully programmable 2-axis Clear-shift sub-spindle delivers interference-free high performance front/back simultaneous machining.

Short Remnant Material - Without the guide bushing, the remnant material can be 50mm (depending on parts length).

Replaceable Fixed/Driven Tool Holder Set - The 4 station back stationary/driven tool holder can utilize either fixed or driven tool holders. This enables increased tooling flexibility.

The superior design delivers extremely efficient and fast production of complex parts using live tools, Y-axis and C-axis on both spindles.

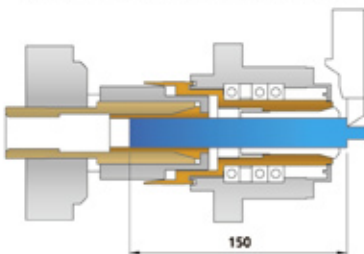
- Ergonomics for quick and easy access for retooling operations.
- Up to 16 live tools for milling ops.
- The best dual spindle Swiss machine in the world.
- Programmable parts handling and conveyor system.

Raw Materials Machining: The Rough Material Option allows the customer to utilize standard bar stock without using a guide bushing. Converting from guide bushing to the Rough Material Option can be done in 10 minutes.

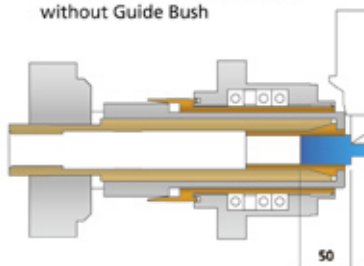
Fanuc 31i CNC Control: Fully loaded with options, including Graphic Cutting Display.



Using Live Bushing with Guide Bushing



Using Rough Material Bushing without Guide Bush



Over \$20,000 in Options - plus many productive Machine features & equipment INCLUDED!

"All I can say is: The SwissTurn does everything that the Citizen can do but more and BETTER! Just run it off against Citizen and you will see what a really good machine it is. The accuracy, rigidity are awesome and it holds amazing tolerances (we are holding tolerances of .0002)."

Paul Ott - Owner - OTT Brothers Machine Co (KS)

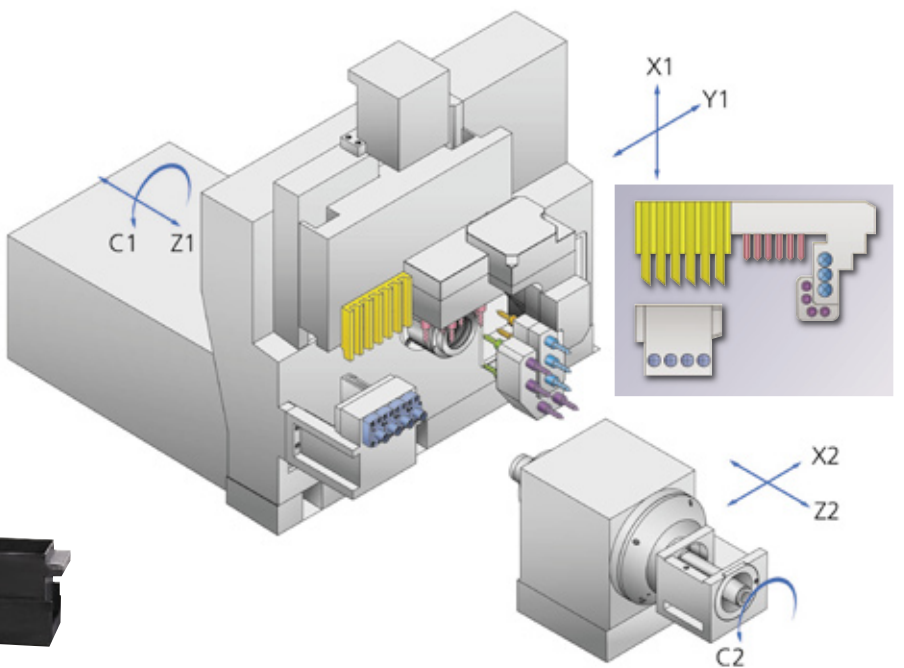
STANDARD FEATURES:

- Clear-shift sub-spindle
- Main spindle with C-axis
- Back spindle with C-axis
- Chip conveyor and bucket
- Working light
- Coolant system
- Part-off detective sensor
- Disc-brake on both main and sub-spindle
- 350mm maximum stroke on main spindle
- Live bushing
- Programmable Parts Conveyor and Parts Catcher
- 6- O.D. Turning Tool Holders
- 4- I.D. Stationary Tool Holders
- 6- Cross Working Driven Tool Holders
- 4- Front Working Driven Tool Holders
- 4- Back I.D. Stationary Tool Holders
- 4- Back Working Driven Tool Holders
- 4- Back Working I.D. Stationary/Driven Tool Holders

"After visiting the Eurotech factory, I've decided to sell my two Tsugamis to get the cutting edge technology that these machines deliver."

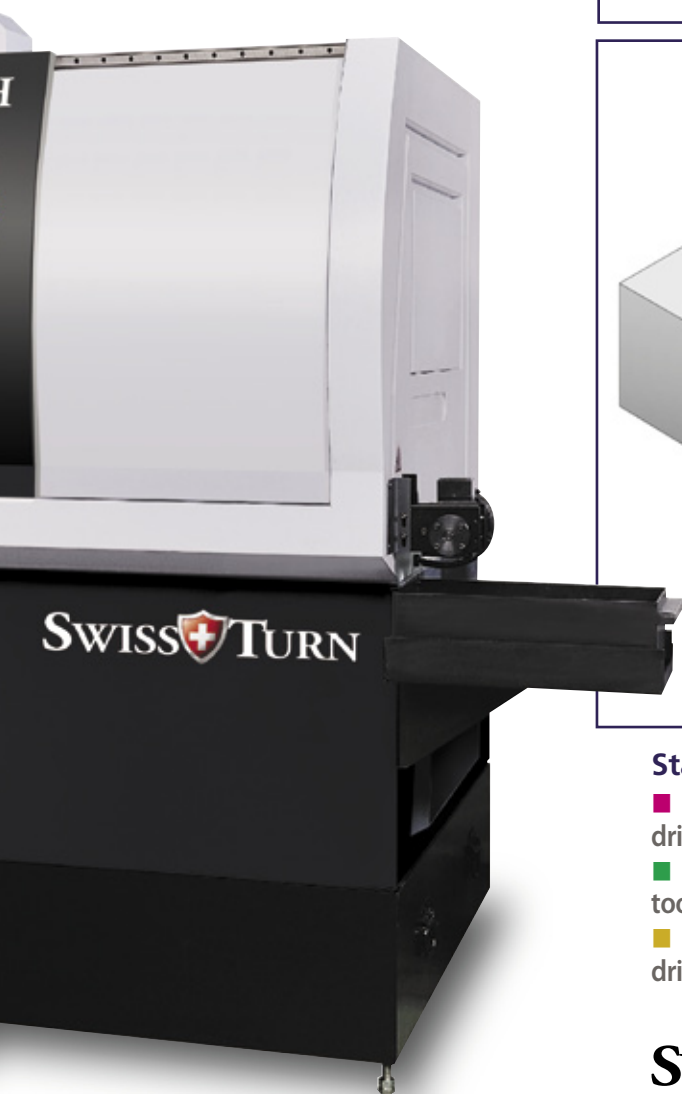
Jeff Roth - Owner of Chasco - Machine Co. (FL)

Complex Parts in One Operation.



Standard Tooling Package:

- | | | |
|--|--|---|
| ■ 6 pcs cross-working driven tool holder | ■ 4 pcs back-working driven tool holder | ■ 4 pcs back I.D. stationary/working driven tool holder |
| ■ 4 pcs I.D. stationary tool holder | ■ 4 pcs back I.D. stationary tool holder | |
| ■ 4 pcs front-working driven tool holder | ■ 6 pcs O.D. turning tool holder | |



SWISS TURN

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MACHINE SPECIFICATIONS		Eurotech SwissTurn Gepard XL 32
Description	Item	
Working Range	Max. Turning Diameter	32mm
	Max. Machining Len. per chucking	350mm
	Max. Drilling Diameter	15mm
	Max. Tapping Diameter	12mm
OD Gang Tooling	Number of Tools	6
	Slide Dimensions	16mm x16mm x120mm
	Number of Slides	2
ID Tooling	Number of Tools	4
	Dimension	13mm (ER20)
Cross Working Driven Tooling	Number of Tools	6
	Dimension	13mm (ER20)
	Speed	6,000 RPM
Front Working Driven Tooling	Number of Tools	4
	Dimension	13mm (ER20)
	Speed	6,000 RPM
Back Working ID Tooling	Number of Tools	4 + 4
	Dimension	13mm (ER20)
Back Working Driven Tooling	Number of Tools (Slide 1)	4
	Dimension (Slide 1)	10mm (ER16)
	Number of Tools (Post 2)	4
	Dimension	13mm (ER20)
Milling Engine	Speed	3,000 RPM (1:1)
	Kw	1.5 Kw
Main Spindle	Spindle Hole Diameter	35mm (1.378")
	Spindle Speed	8,000 RPM
	Angular Movement	Full C-axis
	Kw	7.5 Kw
Back Working Sub-spindle	Spindle Hole Diameter	33mm (1.299")
	Spindle Speed	8,000 RPM
	Max. length for front ejection	350mm (13.78")
	Angular Movement	Full C-axis
	Kw	7.5 Kw
Rapid Traverse	X1, Y1, Z1, X2, Z2	1,181 IPM

"I can't say enough about Eurotech. Their engineering and service support is bar none"

Les Richards - Custom Mold



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