Specifications

Model		Type A	Type B
SG-38	Main Spindle Max. Bar Capacity (Guide Bush Mode)	38 mm	
	Main Spindle Max. Bar Capacity (Non-Guide Bush Mode)	42 mm	
	Main Spindle Max. Machining Length (One Chucking)	330 mm	
	Sub Spindle Max. Bar Capacity	42 mm	
	Sub Spindle Workpiece Max. Insertion Length	120 mm	
	Sub Spindle Workpiece Max. Protrusion Length	50 mm	
	Main & Sub Spindle Max. Speed	6000 rpm	
	Main & Sub Spindle Power	7.5 / 11 kw	
	All Axis Rapid Feed Rate (Expect Y2)	30 m/min	
	Y2 Axis Rapid Feed Rate	20 m/min	
	Standard Number of Tools to be Mounted	22	26
	Turning Tool (OD Tool)	□20 x1pcs、□16 x5pcs	
	Front Dilling Tool (ID Tool)	Ø 32 x2、Ø 25 x3	
	Rotary Tool	ER20 x5	
	Deep Hole Drilling Tool	Ø 25 x2	
	Back Tool Post	Rotary Tool ER20 x2 Fixed Tool ER20 x2	Rotary Tool ER20 x4 Fixed Tool ER20 x4
	Main Spindle Rotary Tool Motor Power	1.7 kw (S) / 2.5 kw (F)	
	Sub Spindle Rotary Tool Motor Power	1.7 kw (S) / 2.5 kw (F)	
Power Consumption	Power Consumption	20 kva	
	Coolant Tank Capability	260 L	
	Floor Space	3080 x 1680 x 1900 mm	
	Weight	4200 kg	
	Controller	Syntec 220TB / Fanuc 0i TF Plus	

Design and specification are subject to change without prior notice.
The sound pressure level is 80 dB(A) at the position of one meter outside the machine.

Standard Accessories

- Revolving Guide Bush
- Parts Conveyor
- Hydraulic System
- Door Interlock System
- Coolant Flow Detector
- Working Light
- Pneumatic Unit
- C-Axis Control (Main & Sub Spindle)

Optional Accessories

- CE Marking Version
- Non-Guide Bushing Holder
- Chip Conveyor with Cart
- Auto Bar Feeder Machine
- Long Part Ejector with Guide Tube
- High Pressure Coolant Device (30bar/70bar)

Aerospace　Electronics　Medical

Automotive　Hydraulics　Pneumatics

MYLAS

TEL: +886-4-2537-7564　FAX: +886-4-2537-1959
www.mylascnc.com　sales@mym.com.tw

Double Spindle
6 Axis, 28 Tools
Swiss Type Automatic Lathe

S38



Renewed Partnerships
Refined Machines

S38

Machine Highlights

Key Features

A Highly Rigid Swiss type machine and Excellent For Continuous Precision Machine.

- High Precision: Ensures excellent accuracy and surface finish for small workpieces.
- Super Rigid Body: Enhances stability and reduces vibration during operation, leading to higher precision and longer tool life.
- Faster Moving: Increased operational speed for improved productivity.
- Variety Tooling Selection: Wide range of tooling options to accommodate different machining requirements.
- Sub-Spindle: Allows for secondary operations, increasing the versatility and efficiency of the machine.
- Live Tooling: Enables complex machining operations without the need to transfer the workpiece to another machine.

MYLAS Swiss Turning Centers incorporate leading technology and high-quality components, offering optimal solutions for workpieces smaller than 42 mm.

The S38 stand out with their robust construction, rapid movement, and diverse tooling options.

These machines are designed to meet the stringent demands of modern manufacturing with features including:

- Number of Linear Axes : 6
- Maximum Machining Diameter : 42 mm (N.G.B) , 38 mm(G.B)
- Maximum Number of Driven Tools : 15
- Maximum Number of Tools : 28
- Number of C Axes : 2



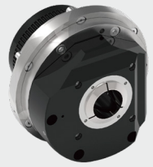
S38

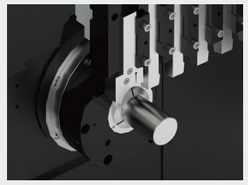
Spindles / Tooling System

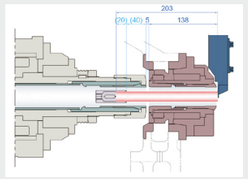
Interchangeable Guide Bush & Non-Guide Bush System

- Maximum Flexibility – Adapt effortlessly to varying workpiece lengths with a system that switches between guide bush and non-guide bush configurations.
- High Precision – The guide bush setup ensures exceptional accuracy, making it perfect for producing long, slender parts.
- Cost Efficiency – The non-guide bush option uses more economical drawing bars, minimizes bar remnants, and lowers material costs for more efficient production.

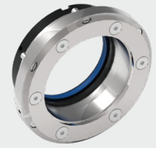
Guide Bush

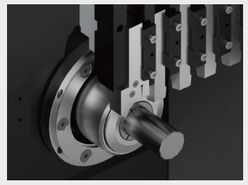


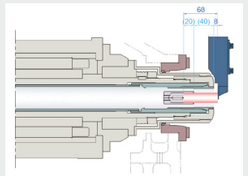


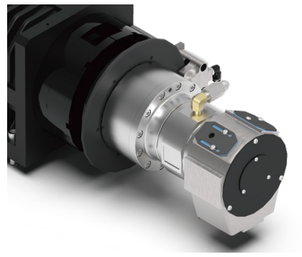


Non-Guide Bush









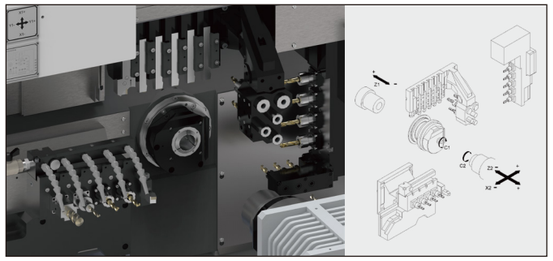
The S38's rotary hydraulic cylinder combines speed, strength, and adaptability.

It provides quick engagement, customizable clamping pressure, and rock-solid stability — giving you a clear edge in productivity and accuracy.

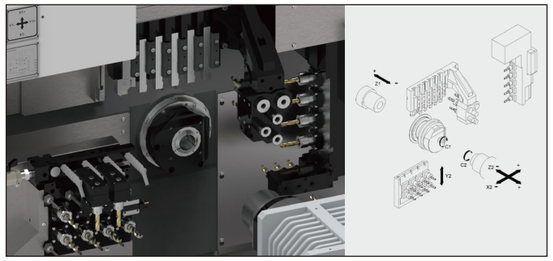
S38 — Tailored to Your Needs

- Choose between Type A and Type B to match your exact requirements.
- Whether you need maximum versatility or specialized performance, the S38 offers the perfect fit for your application.

Type A



Type B



Designed for Your Needs

Available in Type A and Type B, the S38 lets you choose the model that perfectly matches your requirements — from maximum versatility to specialized performance.

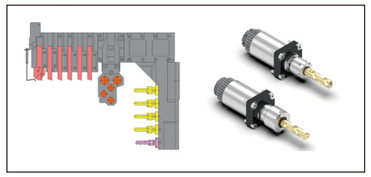
Enhanced Machining Flexibility

Equipped with two versatile cartridge stations, the S38 supports a wide range of complex operations — milling, front drilling, thread whirling, slotting, polygon machining, and more.

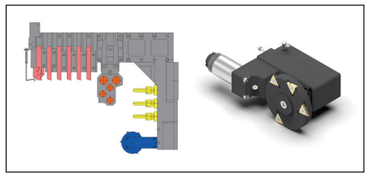
These advanced tool positions unlock greater possibilities, reduce setups, and enhance productivity, giving you the freedom to tackle even the most demanding jobs with ease.

Type A — Backworking 4-spindle unit

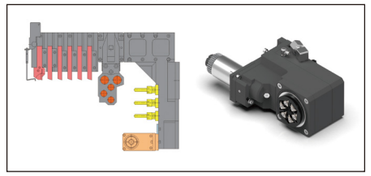
Milling units



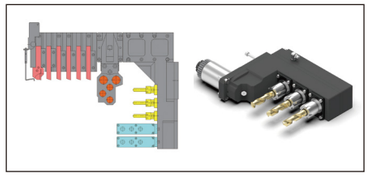
Polygun units



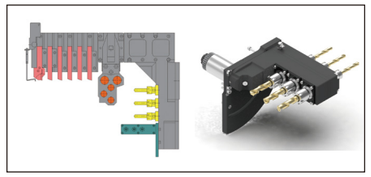
Thread Whirling Units



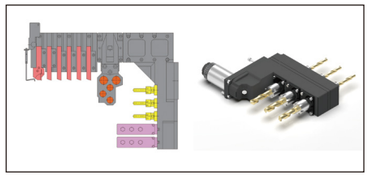
3 spindle front milling units



3 spindle double milling units (Angle Adjustable)

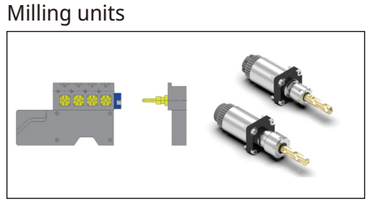


3 spindle front milling units (double head)

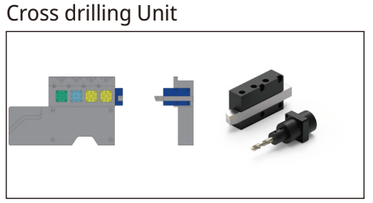


Type B — Backworking 8-spindle unit with Y-axis control

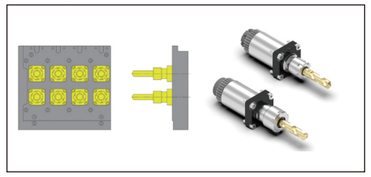
Milling units



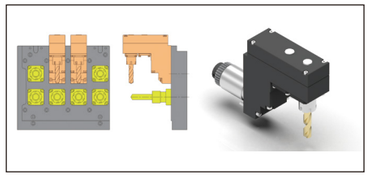
Cross drilling Unit



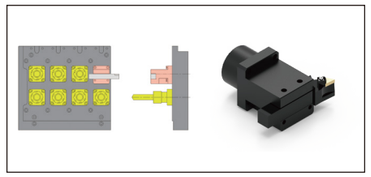
Milling units



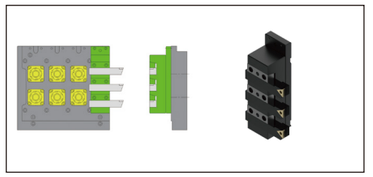
Cross drilling Unit



Single turning tool Holder (12mm)



Triple turning tool Holder (16mm)

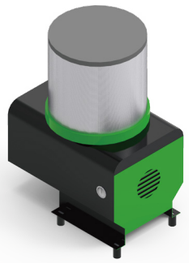


Accessories

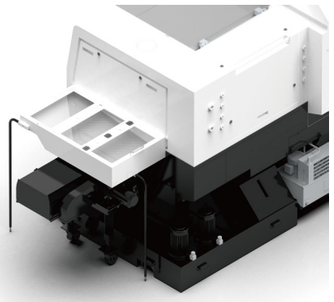
C High Pressure System(Opt.)

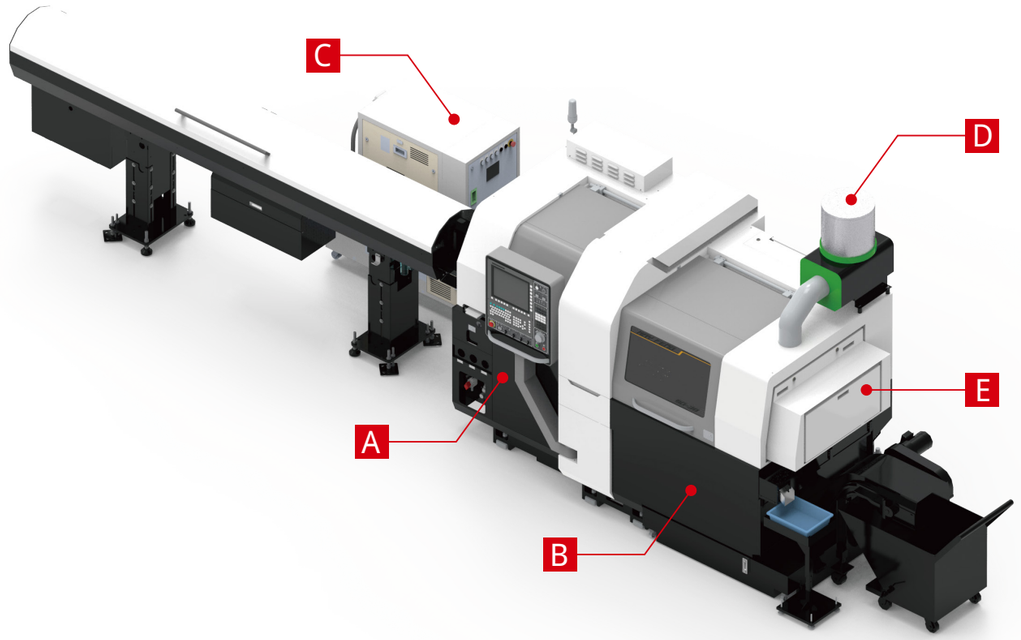


D Oil Mist (Opt.)



E Long part catcher (Opt.)

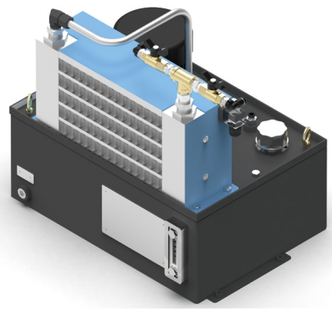




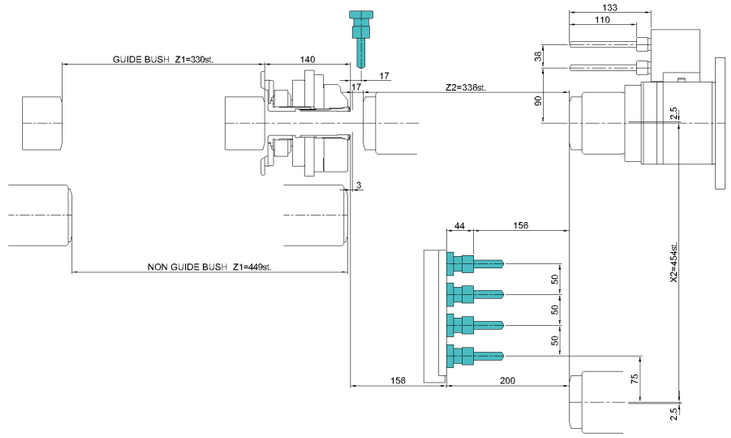
A Hydrualic System(Std)

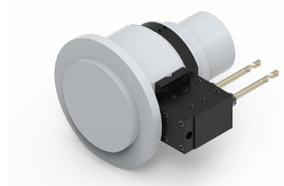


B Spindle cooling system(Std)

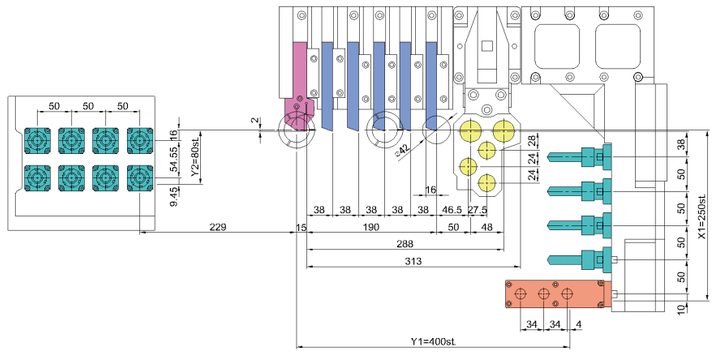


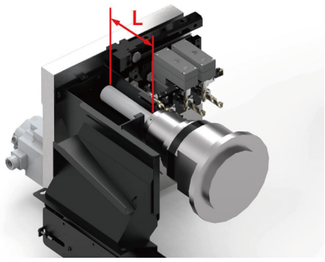
Tool Interference Diagrams





Deep hole unit available on sub spindle





The part catcher can accommodate workpieces up to 180 mm in length.

Machine Dimensions

