

# SYIL V5 SYIL X5 Combo VERTICAL MILLING CENTER

- Table: 520x160mm | 20.5"x6.3"
- Travels: 275x155x230mm | 10.8"x6.1"x9.0"
- Space: 1430x1200x1900mm | 56.2"x47.2"x74.8"(V)  
1200x1300x1900mm | 47.2"x51.1"x74.8"(Combo)



Affordable CNC Machines

# SYIL V5 SYIL X5 Combo

VERTICAL MILLING CENTER

## SPECIFICATIONS:

<b>TABLE</b>	
Working surface	520x160mm   20.5"x6.3"
T-Slots (Number x Size x Distance)	3x25x23mm   3x0.98"x0.9"
Max. table load	50kg   110lbs.
<b>TRAVEL</b>	
Longitudinal Travel X	275mm   10.8"
Cross Travel Y	155mm   6.1"
Headstock Travel Z	230mm   9.0"
Distance between spindle end and table top	60-340mm   2.3"-13.3"
Distance between spindle center and column surface	275mm   10.8"
<b>SPINDLE</b>	
Spindle nose	BT30/NT30/R8
Spindle speeds	5,000rpm/10,000rpm/12,000rpm/24,000rpm(Optional)
Mechanism of Transmission	Belt Type/Bulid-in type (Optional)
<b>FEED</b>	
Cutting feed	1,000mm.min (Stepper) 2,000mm/min (Servo) 39IPM (Stepper) 78IPM (Servo)
Rapid traverse	3,000mm.min (Stepper) 10,000mm/min(Servo) 118IPM (Stepper) 393IPM (Servo)
<b>AUTO TOOL CHANGER</b>	
Tool holder	Umbrella and Mounting type
Tool storage Capacity	8 set (Umbrella type)   3 set (Mounting type)
Max. tool diameter	16mm   0.6"
Max. tool length	100mm   3.9"
Max. tool weight	2kg   4.4lbs.
Tool to Tool	10.0sec
<b>ACCURACY</b>	
Positioning Accuracy	+/- 0.01mm   0.0003"
Repeatability	+/- 0.02mm   0.0007"
<b>MOTORS</b>	
Spindle motor output	1.1kw/2.2kw   1.5HP/3.0HP
Drive motors X,Y,Z Axis:	0.75kw   1HP
<b>GENERAL</b>	
Floor space (Length x Width x Height)	1200x1300x1900mm(X5combo)   47.2"x51.1"x74.8" 1430x1200x1900mm(V5)   56.2"x47.2"x74.8"
Net weight	500kg(X5combo)   1102lbs. 800kg(V5)   1763lbs.

## MACHINE FEATURES:

- **STANDARD INCLUDED**
- PC controller Mach3 / 4 series or EMC
- High precision linear
- Central automatic lubrication system
- Tools and toolbox
- Fully enclosed protective cover (according to model)
- Working lamp
- Three color warning light
- Spindle water cooling device (according to model)
- Air gun (Combo / SV)
- Coolant tank
- X / Y / Z telescopic protective cover
- Horizontal adjustment block and screw
- Mpg Handwheel
- USB / RS232 transmission interface (according to the controller)
- Rigid tapping (according to the controller)
- Mechanical and electrical operation manual
- SGS/CE safety certification

## OPTIONAL

- Siemens controller
- Fanuc controller
- Syntec controller
- Lnc controller
- 24000 RPM high speed water-cooled motorized spindle
- Electric box cooler
- Probing system
- Tool setter system
- NC rotary table
- Transformer
- Machine stands (according to model)

Affordable CNC Machines

### SYIL Machine Tools Co., Ltd.

Address: 20#, GaoFan Road, Yuyao, Zhejiang, China

Telephone: +86-18605848880

Email: info@syil.com

Website: www.syil.com.cn

Distributed By: