

MAGMA CNC

THE **X7**



Vertical Milling Machine

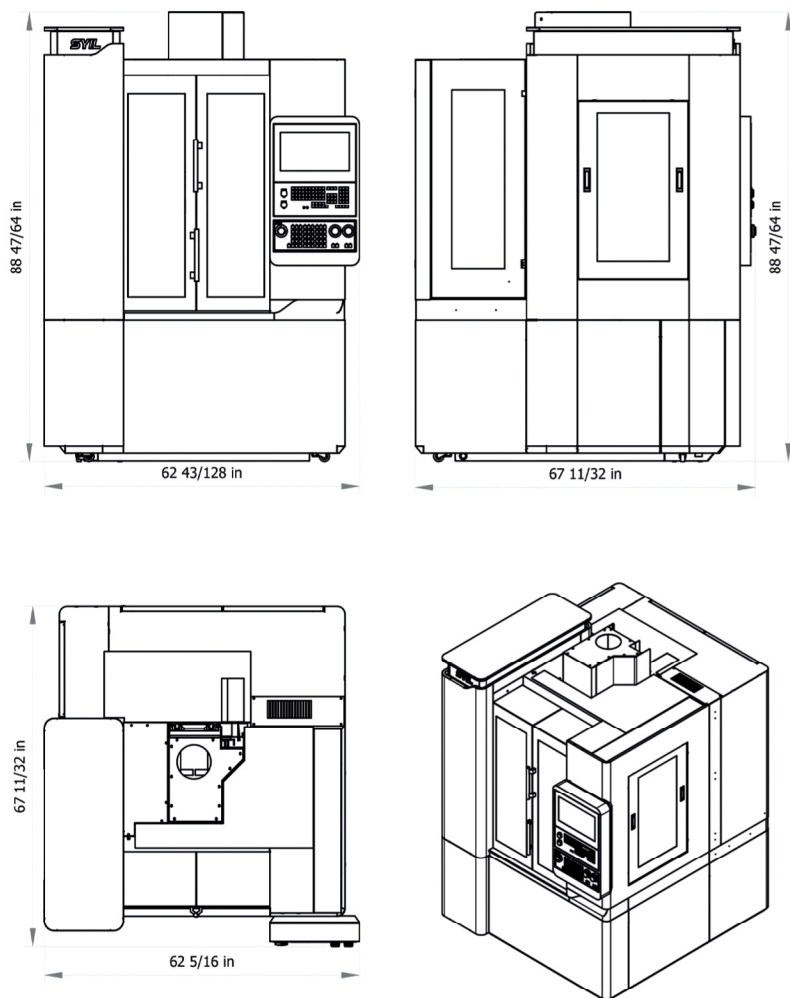
SYL

X7

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Small Size – Big Benefits



The SYIL X7 offers a small footprint with unprecedented speed.

- Designed by SYIL in Germany
- SCHNEEBERGER mineral casting
- THK ball screws and linear motion guides

Controller

- Siemens SINUMERIK 828D 15.6" touch panel

Options

- NC rotary table
- Tail Stock
- Marposs Wireless Probing
- Marposs Wired or Wireless Tool Setter
- Filtermist S800
- Chip Conveyor
- Tooling Package

Technical Specifications

Travel distances

X-axis (in)	15,75
Y-axis (in)	11,81
Z-axis (in)	14,96
Distance from spindle nose to table top (in)	5.91-20.87
Distance between spindle and column surface (in)	14,09

Table

Table size (in)	27.56×11.81
Table load (lb)	331
Table surface number×size×distance (in)	T-slots 3×0.55×3.94

Spindle

Spindle taper	BT30
Power-drive	Belt
Max. spindle speed (rpm)	12000

Feed

Rapid traverse (in/min)	1181,1
Cutting feed (in/min)	393,7

Automatic tool changer

Type	Arm
Tool holder	BT30
Tool storage capacity	16
Max. tool diameter (in)	2,48
Max. tool length (in)	7,87
Max. tool weight (lb)	6,61
Tool to tool (s)	1,5

Other data

Machine weight (lb)	4850
Machine dimensions L x W x H (in)	70.87×62.99×88.58
Min/max air pressure (psi)	60/120
Coolant tank capacity (gal)	21,1