

MAGMA/CNC

THE X5



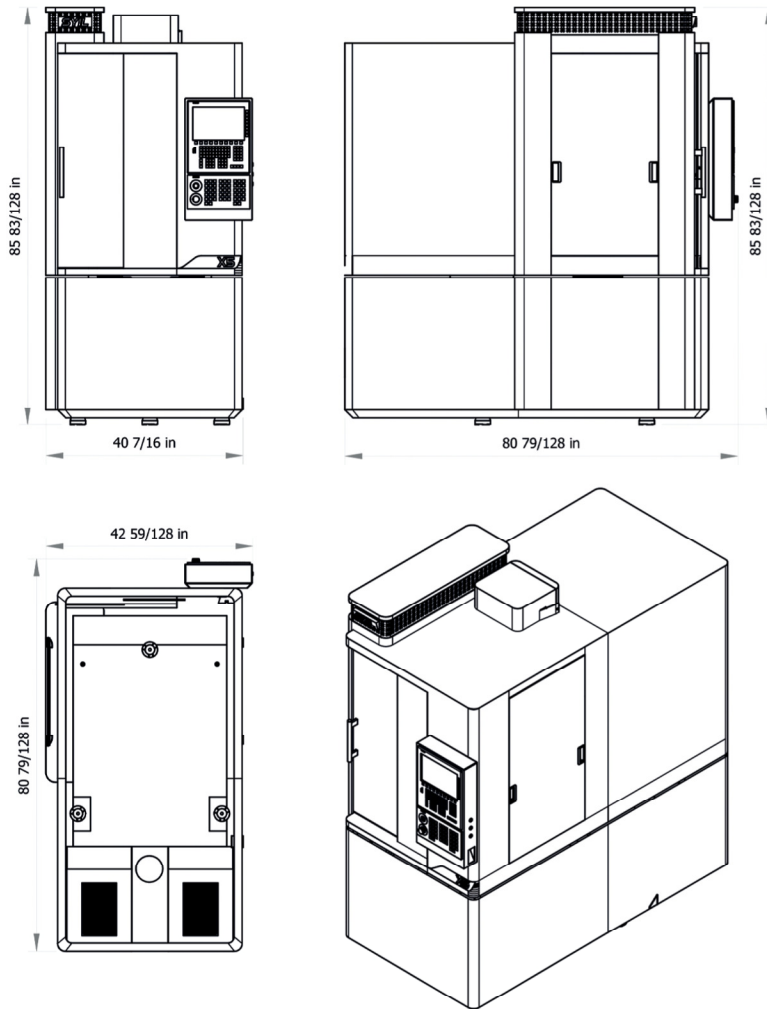
Vertical Milling Machine

SYIL

X5

Space- and Money-Saving

Magma CNC
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The X5 is our 3-axis machining center for maximum precision and powerful performance at an affordable price.

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

Controller

- > Siemens SINUMERIK 828D 12.1" touch panel

Options

- > NC rotary table
- > Tail Stock
- > Marposs Wireless Probing
- > Marposs Wired or Wireless Tool Setter
- > Filtermist S200
- > Tooling Package

Technical Specifications

Travel distances

X-axis (in)	11,81
Y-axis (in)	10,24
Z-axis (in)	11,81
Distance from spindle nose to table top (in)	5.91-17.72
Distance between spindle and column surface (in)	12,99

Table

Table size (in)	22.05×10.24
Table load (lb)	331
Table surface number×size×distance (in)	T-slots 3×0.55×3.15

Spindle

Spindle taper	BT30
Power-drive	Direct
Max. spindle speed (rpm)	20,000

Feed

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

Automatic tool changer

Type	Wheel
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

Other data

Machine weight (lb)	4806
Machine dimensions L x W x H (in)	79.53×39.37×92.91
Min/max air pressure (psi)	60/120
Coolant tank capacity (gal)	21,1