

THE X7

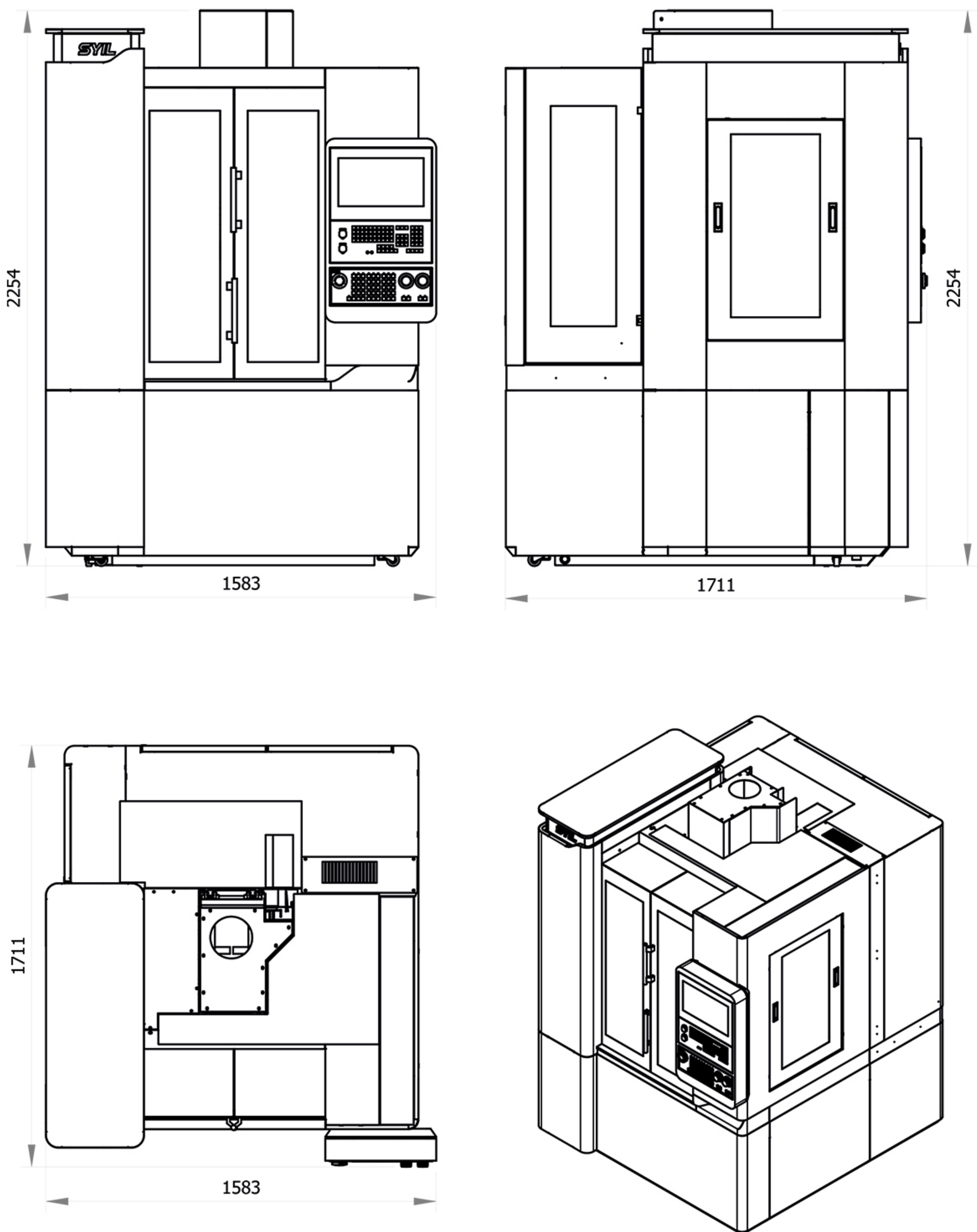


Vertical Milling Machine

SYIL

X7

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 (mm)	400
Y-axis (mm)	300
Z-axis (mm)	380
Distance from spindle nose to table top (mm)	150-530
Distance between spindle and column surface (mm)	358

Table

Table size (mm)	700×300
Table load (kg)	150
Table surface (number×size×distance in mm)	T-slots 3×14×100

Spindle

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

Feed

Rapid traverse (mm / min)	30
Cutting feed (mm / min)	10

Automatic tool changer

Type	Arm
Tool holder	BT30
Tool storage capacity	16
Max. tool diameter (mm)	63
Max. tool length (mm)	200
Max. tool weight (kg)	3
Tool to tool (s)	1.5

Other data

Machine weight (kg)	2200
Machine dimensions L x W x H (mm)	1800×1600×2250
Min/max air pressure (MPa (psi))	0.4/0.8
Coolant tank capacity (Liters)	80