

THE L2

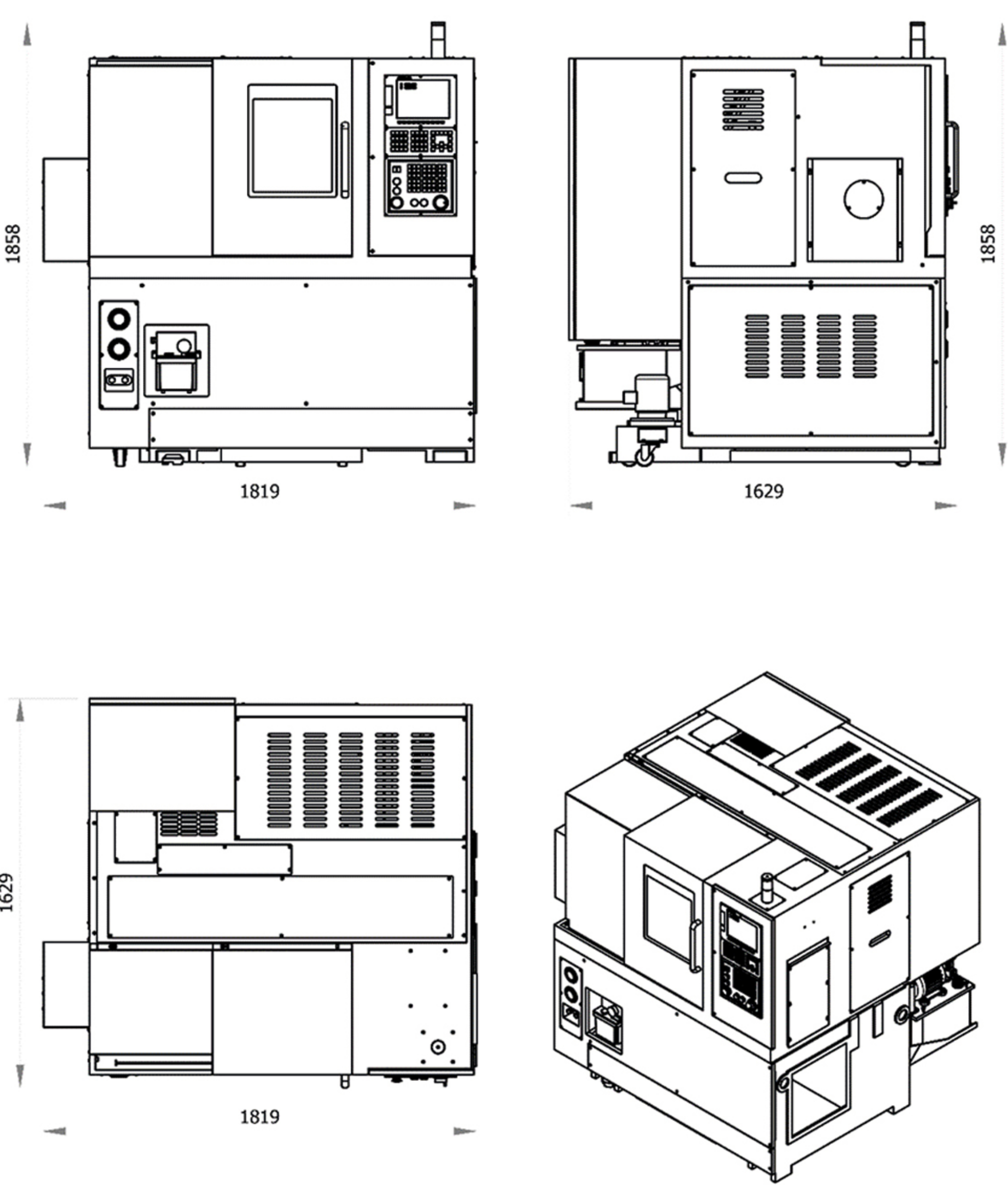


Lathe

SYIL

L2

Space- and Money-Saving



The SYIL L2 CNC lathes are designed to provide unmatched performance in small-scale production.

Controller

- > Siemens SINUMERIK 828D 15.6" touch panel

Options

- > 8 Station Servo Turret
- > 12 Station Servo Turret Upgrade
- > 12 Station Live Turret BMT45
- > Hydraulic Tailstock
- > Chain-Type Chip Conveyor
- > Filtermist S200
- > Optional A2-6 Large Bore Spindle
- > Extended Machining Length to 500mm
- > Standard Tool Holder, Boring:40mm, Facing:25×25

Technical Specifications

Processing capacity	
Chuck size (")	8
Max. swing diameter over bed (mm)	ø510
Max. swing diameter over carriage (mm)	ø260
Max. workpiece length (mm)	300
Max. work piece diameter (mm)	ø380
Spindle	
Max. speed (rpm)	4000
Spindle nose	A2-6
Spindle bore diameter (mm)	ø66
Through spindle bore diameter (mm)	ø52
Spindle power (kW)	11/15
Travels	
X Rapid traverse (m/min)	30
Z Rapid traverse (m/min)	30
X Travels (mm)	200
Z Travels (mm)	360
Tool holder	
Type	Servo turret
Tools	8/12
Tool shank size (mm)	25×25
Tool shank diameter (mm)	ø40
Min. Tool to Tool (s)	0.28
Max. Tool to Tool (s)	0.4
Accuracy	
Finish turning cylindrical accuracy	IT6
Finish turning parts surface	Ra 0.4-1.6
Finished turning parts roundness (mm)	≤0.003
Position accuracy X (mm)	0.005
Position accuracy Z (mm)	0.008
Repeat accuracy X (mm)	0.002
Repeat accuracy Z (mm)	0.004
Other data	
Machine weight (kg)	3050
Machine dimensions L x W x H (mm)	1775×1600×1690