

THE L2

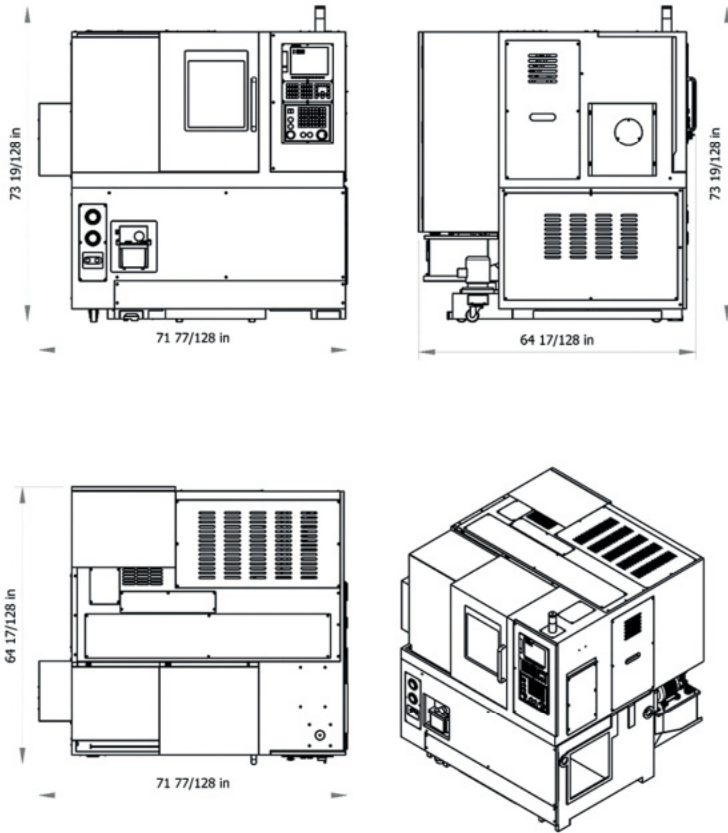


Lathe

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 (in)	ø20.08
Max. swing diameter over carriage (in)	ø10.24
Max. workpiece length (in)	11,81
Max. work piece diameter (in)	ø14.96

Spindle

Max. speed (rpm)	4000
Spindle nose	A2-6
Spindle bore diameter (in)	ø2.60
Through spindle bore diameter (in)	ø2.05
Spindle power (hp)	14.75/20.11

Tool holder

X Rapid traverse (in/min)	1181,1
Z Rapid traverse (in/min)	1181,1
X Travels (in)	7,87
Z Travels (in)	14,17

Tool holder

Type	Servo turret
Tools	8/12
Tool shank size (in)	0.98×0.98
Tool shank diameter (in)	ø1.57
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 0.40-1.60
Finished turning parts roundness (in)	≤0.000118
Position accuracy X (in)	0,000197
Position accuracy Z (in)	0,000315
Repeat accuracy X (in)	0,000079
Repeat accuracy Z (in)	0,000157

Other data

Machine weight (lb)	6724
Machine dimensions L x W x H (in)	69.88×62.99×66.54