



CY-S2040B CY-S2060B

Lathe Features:

1- The headstock, gear-box, apron and bed-ways are made of high quality cast iron, and they are all cast with the resin sand foundry technology.

2- The bed-ways are induction hardened. Its hardness is around HRC 55.

3- The lathe is featured of high efficiency, high precision, high rigidity and excellent cutting performance.

4- The base of the bed is cast into mono-block with a chip space. The structure ensures high rigidity of the whole machine and convenient chip disposal.

5- The spindle supported by 3-pointed high-precision bearings and all gears in headstock are precisely grinded, the spindle turns smoothly at high speed. The noise is lower than 78db at 2000rpm.

6- Foot brake, overload protection, chip guard, longitudinal automatic stop device, point-to-point control in spindle, manual lubrication pump, ensures easy operation and good performance of the machine.

SPECIFICATION	CY-S2040B	CY-S2060B
Swing over bed	510mm	
Swing over cross slide	320mm	
Distance between centers	1000mm	1500mm
Swing in gap	734mm	
Width of gap	275mm	
Width of bed	300mm	
Spindle nose	D8	
Spindle bore diameter	82mm	
Morse Taper of spindle center	M6	
Spindle speed	15-1500rpm(12 step)	
Inch system threads	2-56 TPI	
Metric threads	0.5-14mm	
Range of longitudinal feed	0.06-0.82mm/rev	
Range of transverse feed	0.02-0.29mm/rev	
Lead screw diameter	35mm	

Lead screw pitch	6mm(metric system) 4TPI (inch system)	
Tailstock center taper	M4	
Max travel of tailstock quill	127mm	
Tailstock quill diameter	58mm	
Main motor	7.5kw	
Coolant pump motor	0.1kw	
Gross/Net weight	2000/1400kgs	2500/1800kgs
Overall dimensions	2320x1150x1700mm	2880x1150x1700mm