



CY-L1630G/CY-L1640G/CY-L1660G High Speed Precision

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.

- *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.*
- *The bed-ways are induction hardened. Its hardness is around HRC 55.*
- *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.*
- *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-L1630G	CY-L1640G	CY-L1660G
Swing over bed	410mm		
Swing over cross slide	258mm		
Distance between centers	750mm	1000mm	1500mm
Swing in gap/width of gap	580mm/250mm		
Width of bed	274mm		
Spindle nose	D6		
Spindle bore diameter	52mm		
Morse taper of spindle center	M6		
Spindle speed	33-2000rpm (16 step)		
Inch system threads	4-56TPI		
Metric threads	0.5-7mm		
Range of longitudinal feed	0.08-1.15mm/rev		
Range of cross feed	0.06-0.92mm.rev		
Lead screw diameter	28mm		
Lead screw pitch	6mm(Metric system) 4TPI (Inch system)		
Tailstock center taper	M4		
Cross slide travel	220mm		
Top slide travel	100mm		

Max travel of tailstock quill	100mm		
Tailstock quill diameter	52mm		
Main motor	5.5kw		
Coolant pump motor	0.1kw		
Gross/net weight(kgs)	1580/1300	1720/1400	2250/1700
Dimension(cm)	202x112x170	228x112x170	275x112x170