



## CY-S1840G CY-S1860G High speed precision lathe

*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 up to HRC 50—58.*
- *The spindle supported by 3-pointed high-precision bearings and all gears in headstock are precisely grinded, the spindle turning 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.*
- *Characterized by rigidity and machining accuracy, small volume, light weight, convenient chip disposal and good appearance.*

SPECIFICATION	CY-S1840G	CY-S1860G
Swing over bed	460mm	
Swing over cross slide	275mm	
Distance between centers	1000mm	1500mm
Swing in gap	690mm	
Width of gap	275mm	
Width of bed	300mm	
Spindle nose	D6	
Spindle bore diameter	57mm	
Morse Taper of spindle center	M6	
Spindle speed	20-2000rpm(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	5.5kw
Coolant pump motor	0.1kw