



Feature

- The headstock of the lathe adopts two positions, high and low, which can enhance the cutting force.
- The headstock gear is made of Japanese imported steel. After heat treatment, it is ground and the sound is low, which reduces sharp noise.
- The mechanical lubrication pump is installed inside the lathe head to provide gear and bearing lubrication.
- The inner bearing of the lathe head adopts the front, middle and rear three-point support, and the two roller bearings increase the cutting stability.
- The saddle is widened to enhance stability.
- The lubrication system is installed in the saddle to provide lubrication between the saddle and the bed rail.
- The bed and the saddle track are ground after heat treatment to extend the service life.
- The foot base adopts an integrated casting base to enhance shock absorption.
- The chip removal design is opened at the front to facilitate the user to remove iron chips.**
- The cooling water tank is installed on the side for easy replacement by the user.**
- Full-faced sheet metal shape with double-opening design for long bar clamping.
- Mobile operation box, which is convenient for users to move and operate by themselves.
- Two-hand wheel design, the user can move the two axes simultaneously in the manual mode for the teaching mode.**
- The automatic lubrication system is equipped with a timer, and the user can adjust the amount of oil and time by himself.
- The interior of the new sheet metal design hides the aluminum strip and the protective tube to enhance the simplicity and aesthetics.**

BRIEF SPECIFICATION:				
MODEL	1440CNC	1460CNC	1640CNC	1660CNC
NOMINAL SIZE				
Swing over Bed	356mm 14”		410mm 16”	
High of center	178mm 7”		205mm 8”	
Swing over Cross Slide	215mm 8.46”			
BED				
Width of Bedways	280mm 11”			

Distance Between Centers	1000mm 40"	1500mm 60"	1000mm 40"	1500mm 60"
SPINDLE				
Number of spindle speeds	2 steps			
Range of spindle speeds	100-2000 RPM (Hi 2000~60 RPM / Lo 270-10 RPM)			
Hole through spindle	58mm 2"			
Spindle nose	D1-6 CAMLOCK			
Taper of spindle bore	M.T.#6			
TAIL STOCK				
Travel of tailstock barrel	130mm 5.1"			
Taper in tailstock barrel	M.T.#4			
Diameter of barrel	Dia. 54mm 2.12"			
Turret tools				
Manual tool post	25mm			
V8 turret	20mm			
X-axis				
Cross slide travel X axis	205mm 8"			
Ballscrew Dia.	25mm			
Rapid travel	6m/min			
Servo motor	1.3kw			
Z-axis				
Longitudinal travel Z axis	840mm 33"			
Ballscrew Dia.	32mm			
Rapid travel	8m/min			
Servo motor	1.3kw			
ELECTRICAL EQUIPMENT				
Main Motor	5HP / 7.5HP(optional)			
Axis servo motor	FANUC servo motor 1.0KW			
Auto lubrication	3L 220V			
Coolant pump	1/8HP 220V			
PACKING				
PACKING SIZE	230x175x185cm			
Machine net weight	1500kg	1700kg	1600kg	1800kg
Gross weight	1600kg	1800kg	1700kg	1900kg
We reverse the right to modify and improve our products.				