



CK6140S/CK6136S-750 CNC Lathe

This machine is a CNC lathe controlled by a microcomputer and driven by step motors. It is suitable for turning cylindrical and taper faces, boring, grooving and cutting threads (including taper threads).

The machine adopts ISO International Code, Keyboard Manual Date input, and it is also provided with program of power cut-off protection and the functions of automatic diagnosis and with RS232 interface.

Longitudinal and cross feeds are effected by ball leadscrews driven by servo motors.

Either vertical or horizontal 4 station or 6 station tool post or gang tools can be selected. The post is located on precision contrate gears with a high repeated positioning accuracy.

Hydraulic chuck, manual chuck, manual tailstock and hydraulic tailstock are available for your choice.

Infinitely variable speed change for spindle.

ITEMS	CK6136S	CK6140S
Max. swing over bed	360mm(14")	410mm(16")
Max. swing over slide	φ100mm(for gang tools) φ180mm	φ150mm(for gang tools) 230mm
Max. cross travel (X)	230mm , 300mm	
Max. Longitudinal travel (Z)	750mm	
Rapid feed for Axis X	5m/min	
Rapid feed for Axis Z	8m/min	
Range of spindle speeds (Stepless)	200-2800r/min	
Spindle bore	φ40	φ52
Taper bore of spindle	MT No.5	MT No.6
3-jaw chuck or collet	8"or 5c	
Tool post	4 or 6 station or gang tools	
Servomotor power (X/Z)	0.75/1.0KM(servomotors)	1.0/1.5KW(servomotors)
Size of tool shank	20x20mm	
Min input	0.001mm	
Repeatability X/Z	0.0075/0.01mm	
Surface roughness	≤Ra0.8μm (Nonferrous)	≤Ra1.6μm(steel part)
Main motor power	3.7KW(5HP)	
Overall dimensions (LxWxH)	(2120,2370)x1200x1415mm	
Net weight	(2000,2200)kg	(2100,2300)kg