

# POLYTOP

Exporter from china

## PTKCK1160S/1180S/1205S HIGH SPEED PRECISION



### Explanation:

;; 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).

### Product features:

- The machine adopts ISO International Code, Keyboard Manual Data 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.

<b>Machine data</b>	<b>PTKCK1160S PTKCK1180S</b>	<b>PTKCK1205S</b>
Max. swing over bed	360mm(14")	410mm(16")
Max. swing over slide	∅100mm(for gang tools) ∅180mm	∅150mm(for gang tools) ∅240mm
Max. cross travel (X)	300mm(gang tools)	
Max. Longitudinal travel (Z)	500mm ; ∅750mm ; ∅1000mm	
Rapid feed for Axis X	5m/min	
Rapid feed for Axis Z	8m/min	
Range of spindle speeds (Stepless)	200-2800r/min	
Spindle bore	∅40	∅52
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	20; ∅20mm	
Min input	0.001mm	
Repeatability X/Z	0.0075/0.01mm	
Surface roughness	∅Ra0.8∅m(Nonferrous∅∅∅Ra1.6∅m(steel part∅∅∅	
Main motor power	3.7KW(5HP)	
Overall dimensions (L; ∅W; ∅H)	(1870,2120,2370); ∅1200; ∅1415mm	
Net weight	(1700,2000,2200)kg	(2100,2300)kg
ii	ii	ii

ii