

# PRODUCT DESCRIPTION

**CK560 SERIES**

**1000/1500MM LENGTH**

**CNC LATHE MACHINE**

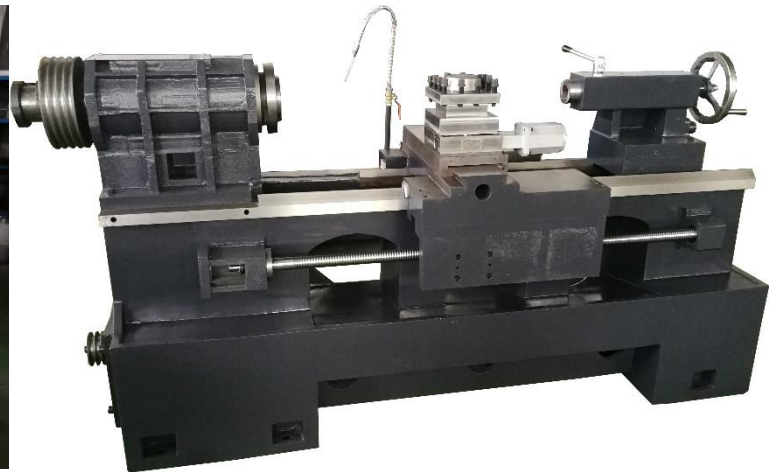
**SUPERTECH** 航泰科机床  
MACHINES AND TOOLS  
SUPERTECH MACHINE TOOL CO.,LTD.

**CK560**

# \*PHOTOS



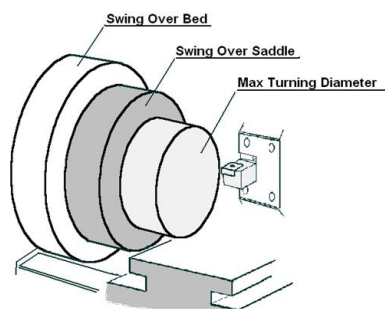
Overall appearance photo



The machine in workshop.

# \*SPECIFICATIONS:

## ●CAPACITY:



## WORKING RANGE:

Swing over bed/saddle(carriage)  
 $\Phi 560\text{mm}/\Phi 280\text{mm}$

Max turning diameter  
 $\Phi 500\text{mm}$

Max turning length (with /without chuck)  
 $=\text{Length}-50/\text{length}+100$

Spindle bore diameter

$\Phi 82\text{mm}$

Bar capacity(manual chuck)

$\Phi 80\text{mm}$

Travel of X

320mm

Travel of Z

$=\text{length}+100$

## ●DRIVE:

Servo motor X torque

6NM

Servo motor Z torque

8NM

## ●SPINDLE:

Spindle main power

7.5KW

Spindle nose

A2-8

Spindle speed

Max.2000 rpm

Chuck size

250mm

## ●SPEED:

Rapid traverse X

8m/min

Rapid traverse Z

6m/min

Feeding speed

1~8000mm/min

## ●TURRET:

Tool capacity

4 position

Tool indexing time

2.6sec/pos

Turning tool size

25 x 25mm

Max boring tool diameter

$\Phi 32\text{mm}$

## ●ACCURACY:

Positioning accuracy X/Z

0.01/0.01mm

Repeatability X/Z

0.005/0.005mm

## ●OTHERS:

Machine dimension (LxWxH)

$(\text{length}+1550)\times 1550\times 1800\text{mm}$

Net weight

2500/3000kg

# \*STANDARD CONFIGURATION LIST

●SIEMENS808 control system and X/Z servo drive motor

- 7.5KW main motor
- HT250 casting for headstock, the whole bed and base
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- Variable single headstock, A2-8 82mm spindle bore
- CSC P5 bearings for headstock
- FD-5010 and FD-2505 ball screw
- Electrical auto lubrication system and coolant system
- Φ250mm 3-jaw chuck and manual tailstock
- 4-position vertical electrical tool post

## **\*OPTIONAL CONFIGURATION LIST**

- GSK or KND or Fanuc control system
- HT250 casting for headstock, the whole bed and base
- Hollow hydraulic chuck and hydraulic tailstock
- 6/8 position electrical turret
- Drill/mill power head
- 3 steps gears headstock with max. speed 1600rpm
- 9 steps gears headstock for low-speed heavy duty turning
- Update to 11KW main motor