



PRECISION CNC AUTO LATHE

Model : PC - 32 / PC - 32DS

WITH **PC-BASED** CONTROLLER

- EASY OPERATION
- SPEEDY, ECONOMIC
- MULTI FUNCTION

CNC-TAKANG

CNC-TAKANG CO., LTD.
MANUFACTURER & EXPORTER

PC-32DS

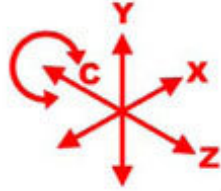
PC-32 Series

FEATURES :

X,Z axes servo motor
Max. rapid feed rate is 30 M/min.

Servo motor driven spindle
includes C axis function
Max. 4000 rpm.
(Opt. 6000 rpm)

High rigidity
linear guide ways provide
stable, rapid and precise feeds.

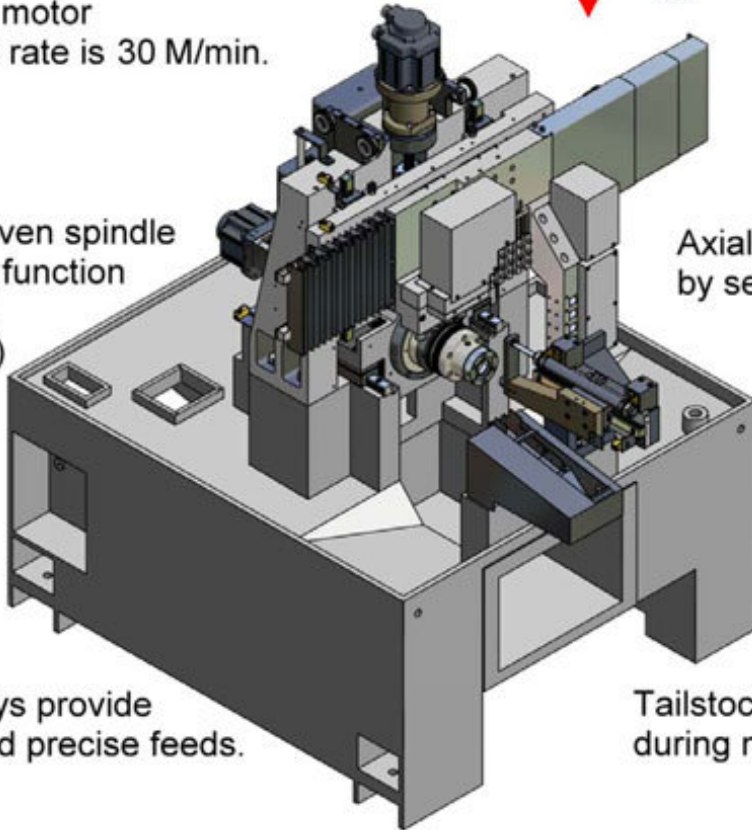


Hydraulic cylinder
provides high speed
and stable clamping.

Axial & radial driving tools
by servo motor Max. 4000 rpm.

Machine body made
from one piece
solid cast iron.
High rigidity and stability.

Tailstock can support longer parts
during machining.





FEATURES :

Servo motor driven spindle, includes C axis function
Max. 4000 rpm. (Opt. 6000 rpm)

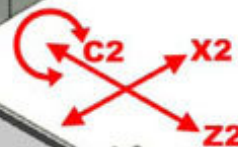
Machine body made from one piece solid cast iron high rigidity and stability.

Hydraulic cylinder provides high speed and stable clamping.

High rigidity linear guide ways provide stable, rapid and precise feeds.



Radial & axial driving tools by servo motor Max. 4000 rpm.

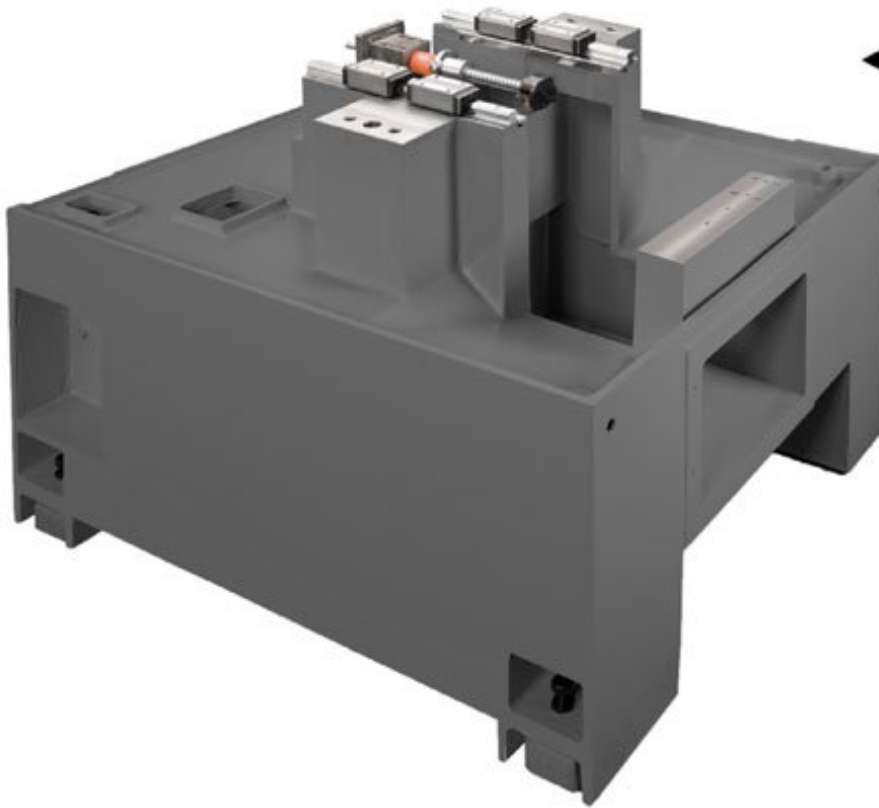


Sub spindle has air blower & finished parts pusher.

X1,X2 and Z2 axes servo motor
Max. rapid feed rate 30 M/min.

Servo motor driven sub spindle includes C axis.
Max. 4000 rpm.(Opt. 6000 rpm)
Can process parts separately and save time.

FEATURES :



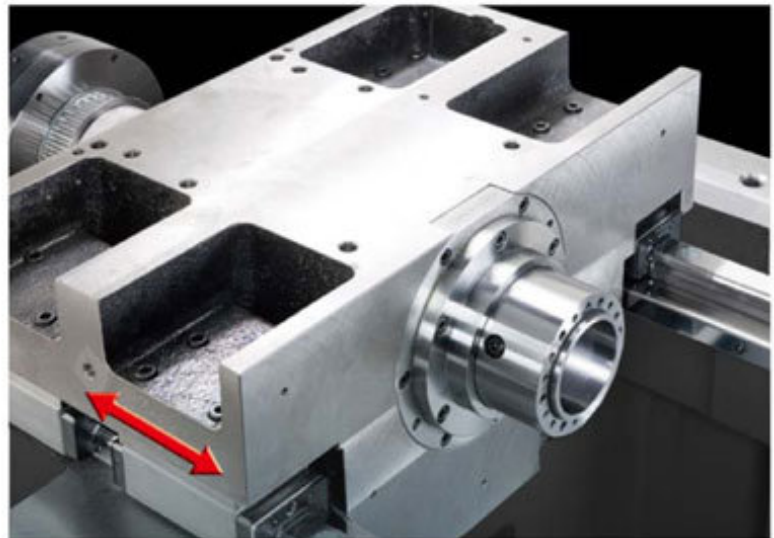
◀ Rock-Solide Base

The massive base is manufactured from high quality cast iron (FC-30), tempered and stress relieved to ensure material stability year after year.

The one-piece fabricated base combined with rib reinforcement offer a solid support for the machine.

▶ Sliding Head without Guide Bush

Spindle head moves on two precision linear ways combined with extra large span between ways, exhibiting outstanding stability and high positioning accuracy.



PC-32DS

▼ Cross & front side driving tools & sub spindle device



▼ Gripper



▼ Sub spindle hydraulic cylinder



▼ C-axis function

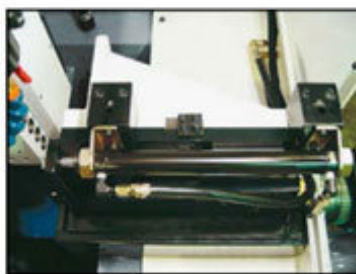


PC-32

▼ PC-based controller



▼ Tailstock (Opt.)



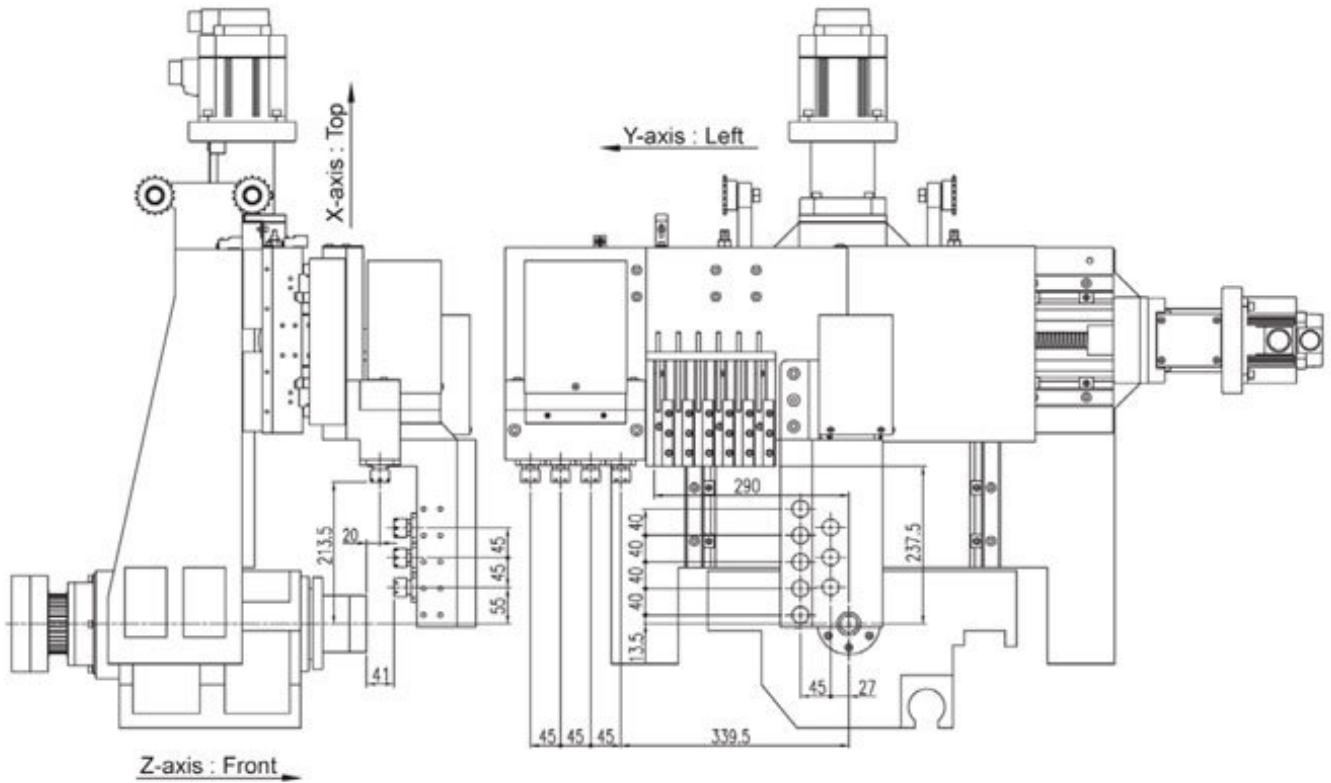
▼ Chip conveyor



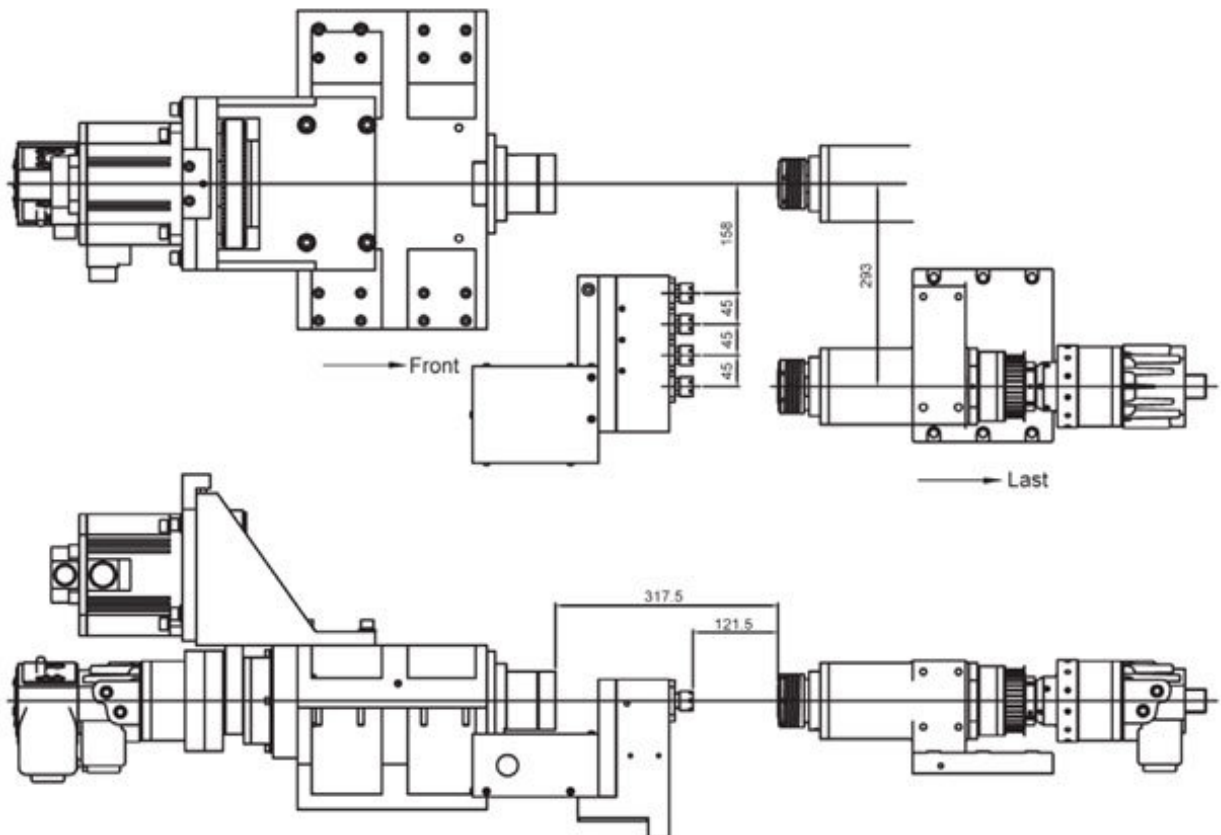
PC-32 / PC-32DS Series

▼ TOOL INTERFERENCE DRAWING (mm)

PC-32 & PC-32DS

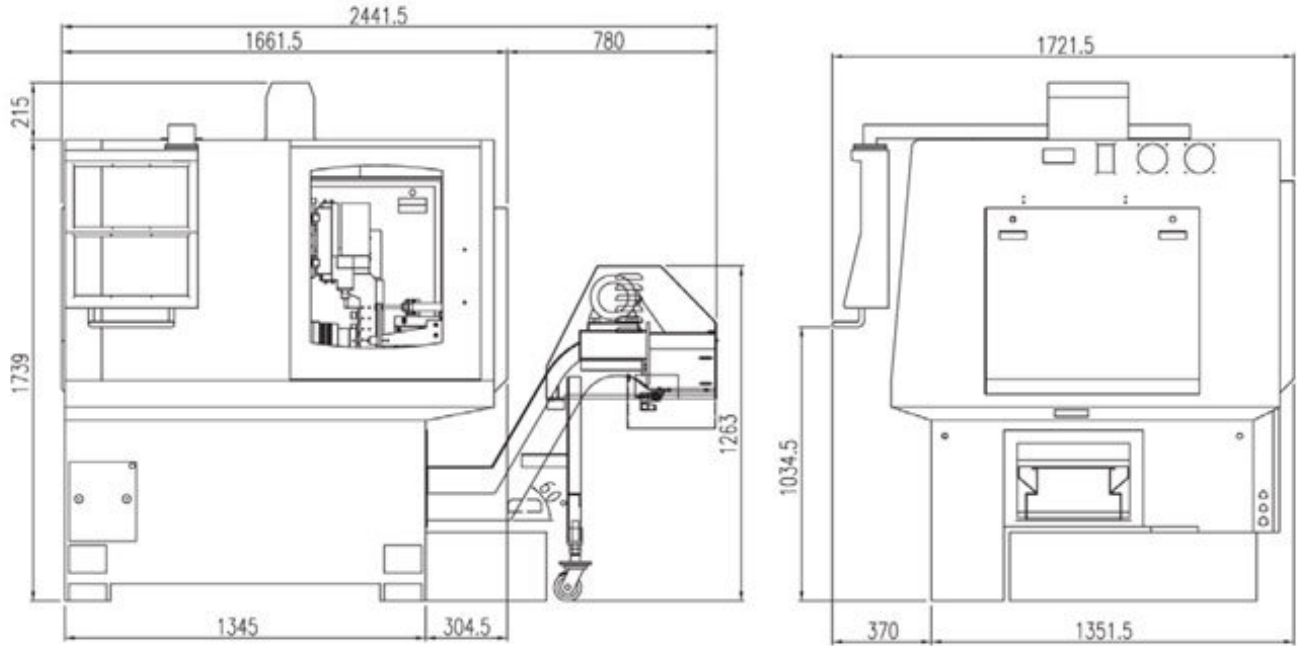


PC-32DS

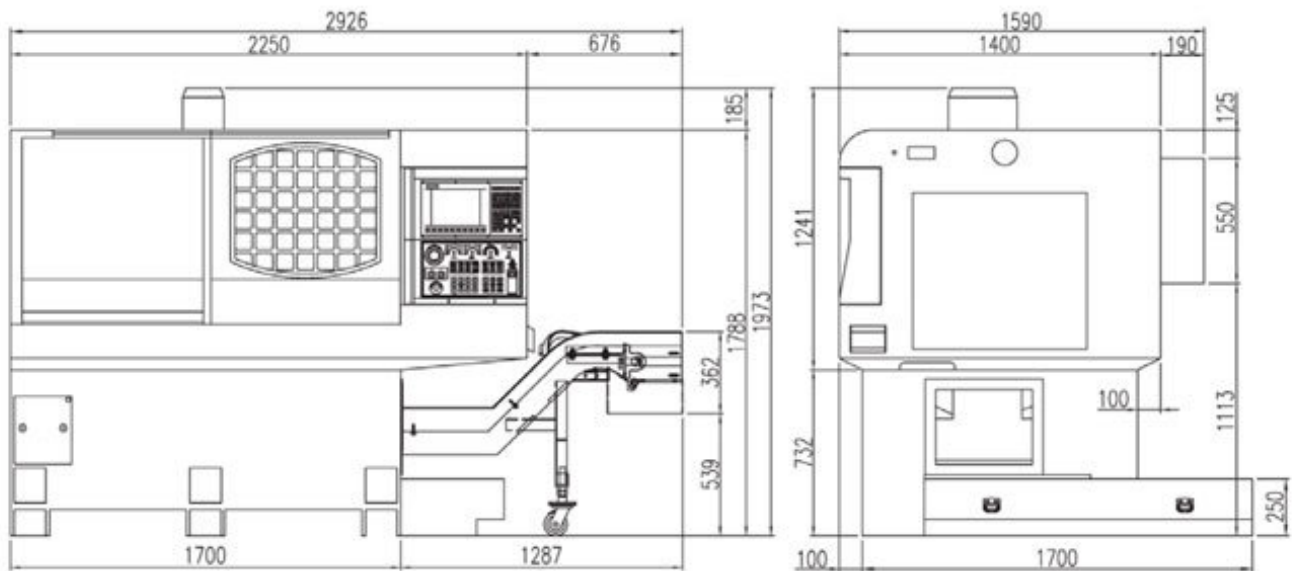


▼ FLOOR SPACES (mm)

PC-32



PC-32DS



SPECIFICATIONS

MODEL	DESCRIPTION	PC-32	PC-32DS
Spindle	Max. cutting dia. (mm)	Ø32	Ø32
	Spindle Max. rpm	4000 (Opt. 6000)	
	X axis travel (mm)	190	185
	Y axis travel (mm)	290	490
	Z axis travel (mm)	165	
	Max. bar feeder dia. (mm)	Ø32	Ø32
	Collet chuck	TRB-32	TRB-32
	Rapid travel speed (M/min)	X/Y/Z 18	X/Y/Z 30
	Spindle servo motor (kw)	5	5 (Opt. 7)
	Min. input unit (mm)	0.001	
	Center height (mm)	965	
Turret	No. of O.D. turning tool	6 (Opt. 5)	
	O.D. turning tool size (mm)	12 (Opt. 16)	
	No. of I.D. turning tool	5	
	I.D. turning tool size	ER20	Ø25
	Axis servo motor (kw)	1/1.5 (X) - 0.5 / 1 (Y/Z)	1.5 (X) - 1 (Y/Z)
	No. of radial driving tool	4	
	Radial driving tool size	ER20	
	Radial driving tool servo motor (kw)	0.75	1.5
	Radial driving tool Max. rpm	4000	6000
	No. of axial driving tool	3	
	Axial driving tool size	ER20	
Axial driving tool servo motor (kw)	0.75		
Axial driving tool Max. rpm	4000	6000	
Sub spindle	Max. cutting dia. (mm)	Ø32	
	Sub spindle Max. rpm	4000 (Opt. 6000)	
	Axis travel (mm)	293 (X axis) - 295 (Z axis)	
	Collet chuck	TRB-32	
	Rapid travel speed (M/min)	30 (X/Z)	
Sub turret	No. of turning tool	4	
	Servo motor (kw)	3.5 (Spindle) - 1(Y/Z)	
	No. of axial driving tool	4	
	Axial driving tool servo motor (kw)	0.75	
	Axial driving tool Max. rpm	6000	
Miscellaneous	Coolant pump motor (HP)	3/4	3/4 (Sub spindle 1/4)
	Machine size (L x M x H mm)	2100x1320x1900	2420x1500x1935
	Net weight (kgs)	2400	3800

※THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

STANDARD ACCESSORIES :

- Syntec PC-based controller
- Collet chuck
- Parts catcher
- Cutting fluid device
- Tool box with tools
- Bar feeder interface
- Drilling shaft ER20 x 5 (DS series x 6)
- Hydraulic cylinders stroke inspection device
- Cutting fluid inspection device
- Auto power breaker
- Operation manual
- Sub spindle device (DS series only)
- Sub spindle finished parts rejecter (DS series only)

OPTIONS :

- Cross side driving tool device (DS series standard)
- Front side driving tool device (DS series standard)
- Air-conditioner (DS series standard)
- Tailstock
- Air-blowing device
- Chain type chip conveyor
- Auger type chip conveyor
- Voltage stabilizer / Transformer
- CE mark

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