

Accurate, easy to use Heavy Duty 5500 lbs Flat Bed CNC Lathe with low hours.

Runs on 220 single OR 220 three phase Centroid T400 Equipped Flat Bed CNC Lathe with ATC turret, equipped with Rigid Tapping, Threading (straight, tapered, multipass, metric), Constant surface speed, D1-6-8 Strong Scroll Chuck. Brand new Centroid T400 CNC control professionally installed with warranty.

Here is your chance to buy a loaded low hour CNC Tool Room Lathe that works very well and is in better than new running condition.

This heavy duty frame with precision ballscrews produces excellent repeatable results with very nice surface finishes while being easy to use. This Lathe is equipped with High End Features such as multi pass Threading, Rigid Tapping, Constant Surface Speed machining, Conversational programming with built-in Threading data library, industry standard G&M codes, Dual MPG handwheels and a 4 position CNC tool turret.

Professionally upgraded to the Centroid T400 CNC control system. All the original CNC electronics have been replaced. (originally equipped with Anilam control which never worked that well so previous owners did not use it very much at all) This machine has been thoroughly tested and is ready to place into service and start turning parts.

Includes Conversational Programming system – no G-code knowledge required. Menu driven Tool and Part setup screens. Ideal machine to start up shops, tool rooms, or as a first step in to CNC machining. CNC control is Made in USA.

This lathe is equipped with a 4 position CNC tool changer and Large easy to use Dual MPG hand wheels! The T400 CNC control comes with Centroid's Lathe Conversational programming software. [Learn more here.](#)

Call Keith 252 305 1256 or email at cnckeith@gmail.com

Centroid/Ann Yang DY-350 C Specifications		
Control	Centroid T-400 CNC Controller. Remote Support, Floor Stand with tool tray, full size keyboard, Dual MPG handwheels, Touch Screen LCD, Windows 10, USB ports, Conversational programming, G&M codes, CAD/CAM compatible	
ATC	Programmable Automatic 4 Position CNC tool turret with auto and manual index.	Yes
Power	Operates on Single Phase 220 VAC OR Three Phase 220	Yes, Dedicated 30 amp circuit/breaker
Machining Capability	Distance Between Centers	39.375" / 1000mm
	Swing Over Bed	16.14" / 410 mm
	Swing Over Cross Slide	7.87" / 200 mm
Bed	Width	12" / 305mm
	Spindle Nose	D1-6
	Spindle Bore	2.125" / 54 mm
Spindle	Spindle Speed in three ranges	High Range 600-3000 RPM Med Range 200-1300 RPM Low Range 50-450 RPM
	Spindle Taper	MT6
	Spindle Motor Hp	7.5 Hp
	Spindle Motor Inverter Hp	10 Hp
Spindle Related Features	Programmable Spindle Speed	Yes
	Constant Surface Speed	Yes
	Rigid Tapping	Yes

	Multipass Threading	Yes
	Pipe Threads, Metric Threads	Yes
Travel	Cross Travel (X axis)	7.45" / 189mm
	Longitudinal Travel (Z axis)	18.3 / 464 mm
Feeds	Rapid Max rate	200 ipm
	Max feedrate	200 ipm
	Ultra smooth slow speed performance	Yes
	Digital Servo Drives	Yes
Precision Ball Screws	X axis Diameter	Approx 1" / 25 mm
	Z axis Diameter	1.57" / 40 mm
Tailstock	Quill Travel	5.11" / 130 mm
	Quill Taper	MT4
	Tailstock position safety limit switch	Yes
Lubrication	Auto Lube Pump w/ auto low level indicator	Yes , 2 Litre capacity
Cutting Fluid	Cutting Fluid tank	90 litre capacity with oil skimmer
Measurements	Net Weight	5400 lbs / 2450 kg
	Floor Space	Approx. 6' long, 4' wide, 5' tall
Work Holding Capacities	Chuck only	176 lbs/ 80kg
	Chuck and Tailstock	661 lbs / 300 kg
	Chuck + 1 steady rest and tailstock	992 lbs / 450 kg
	Chuck + 2 steady rest and tailstock	1543 lbs / 700 kg



Horizontal flat bed structure, hardened box guide way with high temperature quenching

- Independent spindle unit with high precision bearings, high speed rotation with low thermal deformation
- Whole base made heavy duty with super rigidity
- 4 way electrical position tool changer
- Suitable for processing mass axle workpiece or disc workpiece, also suitable for machining complex shapes