

# CLEVELAND

**Model: K-45GT Slant Bed CNC Lathe**

**(NEW MODEL) AVAILABLE WITH GANG TYPE OR LIVE TOOLING**



## **MACHINE FEATURES:**

7.5 Hp Spindle motor, A2-5; 1,8" through hole spindle.

Rigid cartridge spindle max 5,000 rpm.

Dual hand wheel for manual operation

**CNC LATHE MODEL: K45GT 30 degree Slant bed cnc lathe**

**CENTROID T400S CNC CONTROL WITH 15" LCD**

7.5HP Spindle Motor, A2-5, 1.8" through hole spindle

Rigid cartridge spindle max 5,000 rpm spindle speed

Precision linear guide ways on X and Z axes.

C5 Double nut precision ball screws hardened & ground for high accuracy and long lasting

One piece bed and base made by FC30 Meehanite Casting with annealed & stress relieved for long term reliability

Laser tested for positioning accuracy & repeatability

Massive one piece casting construction for maximum cutting performance.

6" hydraulic chuck and 8 position turret with 4 pcs set gane tools standard.

Tool box & Tools

Coolant System

Central lubrication system

Built-in Quartz work light

Dual Hand Wheel for manual operation (STD)

**OPTIONAL: LIVE TOOLING**

<b>SPECIFICATION:</b>	
<b>Model</b>	K45GT
<b>Basic dimension</b>	
Max. Turning Diameter	6.7 inch
Swing over saddle	13 inch
<b>Bed</b>	
Slant bed	30 degree
Guide way	Linear on X and Z axes
<b>Spindle</b>	
Spindle nose mounting	STD: A2-5
Max. bar capacity	1.8 inch
Hydraulic chuck size	6 inch
Range of spindle speeds	50 to 5000 RPM
Longitudinal travel (Z axis)	7.1 in.
Cross slide travel (X axis)	10 inch
Rapid travel / Cutting feed rate	640/ 300 ipm
<b>Tool</b>	
Hydraulic	8 position
I.D cutting tool (Boring)	1 inch
O.D cutting tool (turning)	5/8 inch

<b>Tailstock</b>	
Tailstock quill diameter	N/A for this model
Tailstock quill Taper	
Tailstock quill travel	
<b>Motor</b>	
Main spindle motor	7.5 HP. 5.5 KW
Machine Net weight	6,400 lbs.
Crate Dimension (L x W x H)	80" x53"x58"

### STANDARD ACCESSORIES:

Auto lube system	Tools & box	Shop floor programming/Conversational
Leveling bolts & plate	Full guarding	15" color LCD
Operation manual	Coolant system	RS-232 Interface
Halogen work light	USB 2.0 port	1 GB solid state hard drive
6" hydraulic chuck	8 position turret	4 pc gang tool set(2 pcs 5/8" OD and 2 pcs 1" ID)

### Additional Accessories information:

Power requirement	12 KVA 3 phase 208 V/230 V max
Type of oil for Way oil/ Gear oil/ Pneumatic oil	Mobil Vactra #2 / Mobil 1 gear / Air tool oil
Coolant capacity	20 Gallons

## CLEVELAND MACHINERY SALES INC.

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