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CL-168A 26" Auto Back Knife Lathe
CL-1240A 44" Auto Back Knife Lathe

Features:

- Designed for the fast, efficient production of indicate turning, the fully automatic back knife lathe is ideal for high production of a wide variety turnings.
- Main frame is made of cast iron with heavily ribbed construction, stress relieved for stability and accuracy.
- All machine functions are controlled from one conveniently located swiveling panel.
- This unit automatically lubricates all slide surfaces for maximum wear resistance.
- The workpiece support collar is automatically lubricated to reduce heat and friction. This allows for smoother cutting and better support.
- Carriage speed is automatically varied for different turning section.
- Hydraulic hopper feeds one stock to the centering device after each turning is accomplished, thus enabling the machine to be fully automatic operation.
- Easily and quickly adjusts for all size of stock.
- The tail stock housing is made of FC-25 cast iron for strength and stress relieved for stability.
- The internal bore is heat treated to resist wear and precision ground for accuracy.
- The tool rest is equipped with two U & V pattern knives and driven by hydraulic power which allows for a smooth cutting action and production of large, deep-cut turning.
- The big diameter column is chrome hardened, precision ground for long lasting accuracy.
- The back knife is securely fastened to the knife bar which is counter balanced to give a smooth, even cutting action.
- Centralized hydraulic controls: carriage fast and slow speed, roughing knife pressure and tail stock holding pressure adjustments are all centralized at one convenient location.
- The back knife slides on precision linear motion guides, providing effortless, smooth movement.

Optional: PNEUMATIC FOLLOW REST for SMALL Diameter ROD

SPECIFICATIONS	CL-1240A	CL-168A
Workpiece Length	4" ~ 44"	4" ~ 26½"
Workpiece Dia.	½" ~ 4"	½" ~ 4"
Main Spindle Motor	7½" HP	7½" HP
Hydraulic Pump Motor	3 HP	3 HP
Main Spindle speed	1800 ~ 3200 RPM	1800 ~ 3200 RPM
Working Capacity	5 ~ 7 pcs/min for 24"	4 ~ 7 pcs/min
	3 ~ 5 pcs/min for 35"	
	2 ~ 3 pcs/min for 44"	
N.W.	5830 LBS	3700 LBS
G.W.	6700 LBS	4150 LBS

