



The Ultimate Turning Machines



M390

15" Swing, 50" Centers

Overview

HARRISON geared head lathes have earned their position as the standard of the industry, offering performance and quality at a reasonable cost. The new geared head lathes extends that reputation with new models designed to give you increased productivity into the 21st century.

Like all Harrison lathes the new geared head lathes are guaranteed to turn within .0001". But, beyond the accuracy you expect from Clausing/Harrison, the new geared head lathes are built rugged for durability and long-lasting quality.

SETTING THE STANDARD FOR THE INDUSTRY...

Harrison Geared Head Lathes

Features

- All head stock gears are ground and hardened
- Spindle bearings, gears, and shafts are lubricated by a pumped bath of oil
- An easy-to-read index plate makes it simple to select the proper feed or thread
- The apron has hardened gears and oil bath lubrication
- Extra wide bed provides accuracy and minimal wear
- Easy access pull-out rolling chip bin
- Precision Gamet spindle bearings
- Backed by the Clausing Service Center, the industry leader
- Equipped with chuck guard and lead screw cover
- Maximum Spindle T.I.R. .0001"

Specifications

	15" x 50"
Swing over bed	15.7"
Swing over cross	9.7"
Center distance	50"
Bed width	12.5"
Swing in gap	23"
HEADSTOCK	
Spindle nose	D1-6
Spindle through hole	2.125
Spindle speed (RPM)	25 – 2000
Number of speeds	16
Spindle center	4MT
FEED AND THREADING	
Longitudinal feed range	.0007"-.048"
Cross feed range	.00035"-.024"
Range of English threads	2-56 TPI
Number of English threads	56
Range of Metric threads	.2-14 mm
Number of Metric threads	51
Leadscrew diameter	1.25" - 4 TPI
CARRIAGE	
Cross slide travel	9.8"
Compound rest travel	5.1"
Power rapid traverse	
Tailstock quill diameter	2.8"
Center	5 MT
Quill travel	6.1"
Drive motor	7.5 Hp
Weight	3300 lbs.