

# GEARED HEAD LATHES

Yet another advancement in the field of Metal Turning led by JET. Designed for smooth, quiet operation and user versatility a JET Geared Head Bench Lathe cuts and tapers with exacting accuracy. JET Geared Head Bench Lathes feature extensive standard equipment packages that add to the ease of operation and production flexibility.



## 13" x 40" GEARED HEAD BENCH LATHE

### FEATURES

- Enclosed gearbox design provides smooth, quiet operation
- Hardened and ground gears are featured in the headstock and gearbox
- V-way bed is induction hardened and ground
- Gap bed section provided for large diameter work
- Adjustable gibs are incorporated in the carriage and slideways
- Fast, easy speed changes
- D1-4 spindle is precision ground for accuracy and supported by high quality tapered roller bearings
- Headstock is constantly oiled during operation
- Gear box gives wide inch threading and feed capabilities with no gear changes
- Independent leadscrew and feed rod
- Spindle actuation control is apron mounted
- Compound and cross slide have backlash adjustment
- Tailstock may be offset for turning tapers and includes an inch/metric graduated quill

### STANDARD EQUIPMENT

- Coolant tray
- Tolerance test certificate
- 6" 3-jaw direct mount scroll chuck with top reversing jaws
- 8" 4-jaw independent chuck
- 12" faceplate
- Four-way tool post
- Steady and follow rest
- Metric change gear
- Centers with headstock center sleeve
- Threading dial
- Tool box with tools
- Splash guard
- Micro Carriage Bed Stop



321357A - Shown with Optional Stand



Enclosed Gearbox



Complete with 4-Way Tool Post and 3-Jaw Chuck Mounted for Ease of Use



STOCK NUMBER	321357A	321359A
Model Number	GHB-1340A	GHB-1440A
Swing over Bed (in.)	13	14
Swing over Cross Slide (in.)	7-25/32	9-1/16
Swing Through Gap (in.)	18-3/4	20
Length of Gap (in.)	8	8
Distance Between Centers (in.)	43	43
Spindle Bore (in.)	1-3/8	1-3/8
Spindle Mount	D1-4	D1-4
Spindle Taper (w/ Sleeve)	MT-5 (MT-3)	MT-5 (MT-3)
Number of Spindle Speeds	8	8
Range of Spindle Speeds (RPM)	70 - 2,000	70 - 2,000
Number of Longitudinal and Cross Feed Rates	40	40
Range of Longitudinal Feeds (IPR)	0.0018 - 0.0374	0.0018 - 0.0374
Range of Cross Feeds (IPR)	0.0006 - 0.0130	0.0006 - 0.0130
Number of Inch Threads	38	38
Range of Inch Threads (TPI)	3-1/2 - 80	3-1/2 - 80
Number of Metric Threads	23	23
Range of Metric Threads	0.45 - 10	0.45 - 10
Max Tool Size (in.)	5/8 x 5/8	5/8 x 5/8
Compound Slide Travel (in.)	2-11/16	2-11/16
Cross Slide Travel (in.)	6-5/16	6-5/16
Carriage Travel (in.)	35	35
Tailstock Spindle Travel (in.)	3-3/4	3-3/4
Taper in Tailstock Spindle	MT-3	MT-3
Steady Rest Capacity (in.)	2-3/4	2-3/4
Follow Rest Capacity (in.)	2-3/8	2-3/8
Width of Bed (in.)	7-3/8	7-3/8
Overall Dimensions (in./ L x W x H)	79 x 28-1/2 x 30	79 x 28-1/2 x 30
Motor	2HP, 1Ph, 230V	2HP, 1Ph, 230V
Net Weight (lbs.)	1,154	1,211

#### GHB-1340A LATHE AND ACCESSORY PACKAGES INSTALLED

GHB-1340A with Acu-Rite VUE 2 Axis DRO & Collet Closer	321102
GHB-1340A with Taper Attachment	321119
GHB-1340A with Acu-Rite VUE 2 Axis DRO	321103
GHB-1340A with Taper Attachment & Collet Closer	321129
GHB-1340A with Newall DP700 2-Axis DRO, Collet Closer & Taper Attachment	321104
GHB-1340A with Newall DP700 2-Axis DRO & Taper Attachment	321115
GHB-1340A with Acu-Rite 200S 2 Axis DRO	321122
GHB-1340A with Acu-Rite 200S 2 Axis DRO & Taper Attachment	321123
GHB-1340A with Collet Closer	321124
GHB-1340A with Acu-Rite 200S 2 Axis DRO & Collet Closer	321125
GHB-1340A with Newall DP700 2-Axis DRO	321131
GHB-1340A with Acu-Rite VUE 2 Axis DRO, Taper Attachment & Collet Closer	321226
GHB-1340A with Newall DP700 2-Axis DRO & Collet Closer	321581

#### GHB-1440A LATHE AND ACCESSORY PACKAGES INSTALLED

GHB-1440A with Acu-Rite VUE 2 Axis DRO & Collet Closer	321107
GHB-1440A with Taper Attachment	321157
GHB-1440A with Acu-Rite VUE 2 Axis DRO	321158
GHB-1440A with Taper Attachment & Collet Closer	321159

CALL FOR ADDITIONAL PACKAGES

