

# 13" x 40" AND 14" x 40" GEARED HEAD ENGINE LATHES

## FEATURES

- Uniquely designed exclusively by JET
- Hardened and ground gears are featured in the headstock and gearbox
- D1-4 spindle is precision ground for accuracy and supported by high-quality tapered roller bearings
- Splined, not keyed, shafts are utilized in the headstock
- Spindle actuation control is apron mounted
- Headstock is constantly oiled during operation
- V-way bed design is induction hardened and ground
- Gap bed section provided for larger diameter work
- Independent leadscrew and feed rod
- Inch-metric dials are standard
- Compound and cross slide have backlash adjustment
- Adjustable gibs are incorporated in the carriage and slideways
- Tailstock may be offset for turning tapers and includes an inch-metric graduated quill
- Tolerance test certificate included

## STANDARD EQUIPMENT

- Micro-carriage bed stop
- Front removable chip tray
- Heavy-duty Stand
- 6" 3-jaw direct mount scroll chuck with top reversing jaws
- 8" 4-jaw independent chuck
- 12" face plate
- Four-way tool post
- Steady and follow rest
- Spindle jog button
- Foot brake
- Coolant system with splash guard
- Metric change gears
- Halogen work lamp

STOCK NUMBER	321810/321820	321830/321840
Model Number	GH-1340W-1 GH-1340W-3	GH-1440W-1 GH-1440W-3
Swing over Bed (in.)	13	14
Swing over Cross Slide (in.)	7-1/4	8-1/4
Swing Through Gap (in.)	19	20
Length of Gap (in.)	9-3/8	9-3/8
Distance Between Centers (in.)	40	40
Spindle Bore (in.)	1-1/2	1-1/2
Spindle Mount	D1-4	D1-4
Spindle Taper (w/ Sleeve)	MT-5 (MT-3)	MT-5 (MT-3)
Number of Spindle Speeds	12	12
Range of Spindle Speeds (RPM)	40 - 1,800	40 - 1,800
Number of Longitudinal and Cross Feed Rates	40	40
Range of Longitudinal Feeds (IPR)	0.0011 - 0.0271	0.0011 - 0.0271
Range of Cross Feeds (IPR)	0.0003 - 0.0103	0.0003 - 0.0103
Number of Inch Threads	40	40
Range of Inch Threads (TPI)	4 - 112	4 - 112
Number of Metric Threads	22	22
Range of Metric Threads	0.45 - 7.5	0.45 - 7.5
Max Tool Size (in.)	5/8 x 5/8	5/8 x 5/8
Compound Slide Travel (in.)	3-1/2	3-1/2
Cross Slide Travel (in.)	6-3/8	6-3/8
Carriage Travel (in.)	37-1/2	37-1/2
Tailstock Spindle Travel (in.)	4-3/4	4-3/4
Taper in Tailstock Spindle	MT-3	MT-3
Steady Rest Capacity (in.)	3-1/2	3-1/2
Follow Rest Capacity (in.)	2-3/4	2-3/4
Width of Bed (in.)	10-1/4	10-1/4
Overall Dimensions (in./ L x W x H)	78 x 38 x 59	78 x 38 x 59
Motor: Stock Number 321810/321830	3HP, 1Ph, 230V	3HP, 1Ph, 230V
Motor: Stock Number 321820/321840	3HP, 3Ph, 230/460V Prewired 230V	3HP, 3Ph, 230V/460V Prewired 230V
Net Weight (lbs.)	2,081	2,191



321810



**GHB-1340W-1 LATHE AND ACCESSORY PACKAGES INSTALLED**

GH-1340W-1 with Taper Attachment	321521
GH-1340W-1 with Collet Closer	321151
GH-1340W-1 with Taper Attachment & Collet Closer	321160
GH-1340W-1 with Acu-Rite VUE 2 Axis DRO	321401
GH-1340W-1 with Acu-Rite VUE 2 Axis DRO & Taper Attachment	321425
GH-1340W-1 with Acu-Rite VUE 2 Axis DRO & Collet Closer	321146
GH-1340W-1 with Acu-Rite 200S 2 Axis DRO	321532
GH-1340W-1 with Acu-Rite 200S 2 Axis DRO & Taper Attachment	321128
GH-1340W-1 with Acu-Rite 200S 2 Axis DRO & Collet Closer	321526
GH-1340W-1 with Acu-Rite 200S 2 Axis DRO, Taper Attachment & Collet Closer	321538
GH-1340W-1 with Newall DP700 2-Axis DRO	321132
GH-1340W-1 with Newall DP700 2-Axis DRO & Taper Attachment	321154
GH-1340W-1 with Newall DP700 2-Axis DRO & Collet Closer	321142
GH-1340W-1 with Anilam 411 DRO	322401
GH-1340W-1 with Anilam 411 DRO Taper Attachment & Collet Closer	321126

**GHB-1340W-3 LATHE AND ACCESSORY PACKAGES INSTALLED**

GH-1340W-3 with Taper Attachment	321516
GH-1340W-3 with Collet Closer	321555
GH-1340W-3 with Taper Attachment & Collet Closer	321577
GH-1340W-3 with Acu-Rite VUE 2 Axis DRO	321402
GH-1340W-3 with Acu-Rite VUE 2 Axis DRO & Taper Attachment	321172
GH-1340W-3 with Acu-Rite VUE 2 Axis DRO & Collet Closer	321170
GH-1340W-3 with Acu-Rite 200S 2 Axis DRO	321459
GH-1340W-3 with Acu-Rite 200S 2 Axis DRO & Taper Attachment	321447
GH-1340W-3 with Acu-Rite 200S 2 Axis DRO & Collet Closer	321562
GH-1340W-3 with Acu-Rite 200S 2 Axis DRO, Taper Attachment & Collet Closer	321546
GH-1340W-3 with Newall DP700 2-Axis DRO	321133
GH-1340W-3 with Newall DP700 2-Axis DRO & Taper Attachment	321143
GH-1340W-3 with Newall DP700 2-Axis DRO & Collet Closer	321537
GH-1340W-3 with Newall DP700 2-Axis DRO, Collet Closer & Taper Attachment	321547

**OPTIONAL EQUIPMENT****STOCK NUMBER**

5C Collet Set (16 pc.)

650014

**GHB-1440W-1 LATHE AND ACCESSORY PACKAGES INSTALLED**

GH-1440W-1 with Taper Attachment	321517
GH-1440W-1 with Collet Closer	321518
GH-1440W-1 with Taper Attachment & Collet Closer	321500
GH-1440W-1 with Acu-Rite VUE 2 Axis DRO	321403
GH-1440W-1 with Acu-Rite VUE 2 Axis DRO & Taper Attachment	321175
GH-1440W-1 with Acu-Rite VUE 2 Axis DRO & Collet Closer	321173
GH-1440W-1 with Acu-Rite 200S 2 Axis DRO	321549
GH-1440W-1 with Acu-Rite 200S 2 Axis DRO & Taper Attachment	321550
GH-1440W-1 with Acu-Rite 200S 2 Axis DRO & Collet Closer	321548
GH-1440W-1 with Acu-Rite 200S 2 Axis DRO, Taper Attachment & Collet Closer	321564
GH-1440W-1 with Newall DP700 2-Axis DRO	321134
GH-1440W-1 with Newall DP700 2-Axis DRO & Taper Attachment	321145
GH-1440W-1 with Newall DP700 2-Axis DRO & Collet Closer	321558

**GHB-1440W-3 LATHE AND ACCESSORY PACKAGES INSTALLED**

GH-1440W-3 with Taper Attachment	321522
GH-1440W-3 with Collet Closer	321729
GH-1440W-3 with Acu-Rite VUE 2 Axis DRO	321404
GH-1440W-3 with Acu-Rite VUE 2 Axis DRO & Taper Attachment	321176
GH-1440W-3 with Acu-Rite VUE 2 Axis DRO & Collet Closer	321406
GH-1440W-3 with Acu-Rite 200S 2 Axis DRO	321533
GH-1440W-3 with Acu-Rite 200S 2 Axis DRO & Taper Attachment	321563
GH-1440W-3 with Acu-Rite 200S 2 Axis DRO & Collet Closer	321524
GH-1440W-3 with Acu-Rite 200S 2 Axis DRO, Taper Attachment & Collet Closer	321572
GH-1440W-3 with Newall DP700 2-Axis DRO	321135
GH-1440W-3 with Newall DP700 2-Axis DRO & Taper Attachment	321144
GH-1440W-3 with Newall DP700 2-Axis DRO & Collet Closer	320536

**CALL FOR ADDITIONAL PACKAGES****Newall DP700 - DRO****Acu-Rite 200S - DRO**