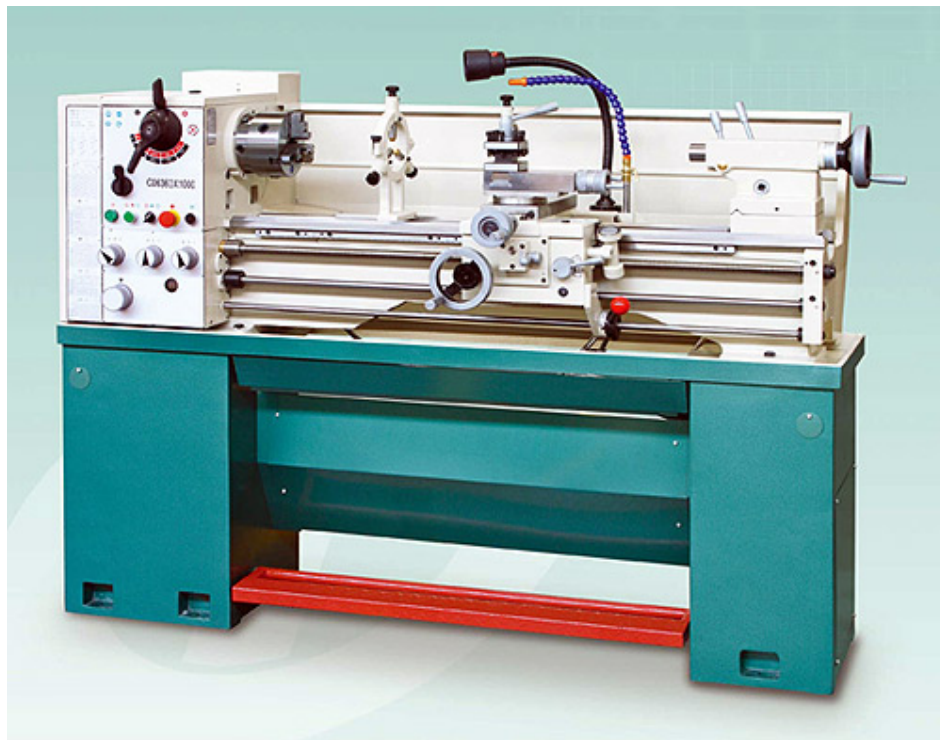


Precision Gearhead Lathe KGY-1640 and KGY-1660



| SPECIFICATION | MODELS | |
|---------------------------------|------------------------------------|-----------------------------|
| | CD6241×1000 | CD6241× 1500 |
| CAPACITY | KGY-1640 | KGY-1660 |
| Swing over red | 410mm(16") | 410mm(16") |
| Swing in gap | 590(23-1/4") | 590(23-1/4") |
| Distance between centers | 1000mm(40") | 1500mm(60") |
| Center height | 1073mm | 1073mm |
| Width of bed | 250(10") | |
| HEADSTOCK | | |
| Spindle nose | D1-6 | |
| Spindle bore | 52 mm (2") | |
| Taper of spindle bore | No.6Morse | |
| Range of spindle speed | 16 changes 45-1800r/min | |
| FEEDS AND THREADS | | |
| Max.travel of compound rest | 102mm (4") | |
| Max.travel of cross slide | 210mm (8-1/4") | |
| Leadscrew pitch | 4T.P.I. | |
| Max.Section of tool | 20×20mm (13/16") | |
| Longitudinal feeds range | 0.05-1.7mm/rev (0.002"-0.067"/rev) | |
| Cross feeds range | 0.025-0.85mm(0.001"-0.0335"/rev) | |
| Metric threads range | 39 kinds 0.2-14mm | |
| Inch threads range | 45 kinds 2-72T.P.I. | |
| Diametrical pitches range | 21 kinds 8-44D.P. | |
| Module pitches range | 18 kinds 0.3-3.5M.P. | |
| TAILSTOCK | | |
| Travel of tailstock sleeve | 120mm(4-3/4") | |
| Morse taper of tailstock sleeve | No.4 Morse | |
| Cross adjustment | ±13mm(±12") | |
| MOTOR | | |
| Power of main motor | 6HP / 3PH | |
| Power of coolant pump | 0.1kw(1/8HP), 3PH | |
| DIMENSION AND WEIGHT | | |
| Net weight / Gross weight | 1550 /1800kg (3960 lbs) | 1750 / 2030kg (4500 lbs) |

Precision Gearhead Lathe KGY-1440GH



- ◆ No change gear in tool box.
- ◆ The thread category complete, not only cutting metric thread and imperial thread, but also cutting diametric thread and module thread.
- ◆ Minimum Cross feed 0.01mm/rev, Minimum Longitudinal feed 0.046mm/rev.

| MODELS | KGY-1440GH |
|--------------------------|-----------------------------|
| Swing over bed | 360mm(14") |
| Swing over cross slide | 224mm (8-13/16") |
| Swing in gap diameter | 502mm (19-3/4") |
| length in gap | 210mm (8-1/4") |
| Center height | 179mm (7") |
| Admits between | 750mm (30") or 1000mm (40") |
| Spindle bore | 38mm (1-1/2") |
| Spindle nose | D1-4 or D1-5 |
| Taper in nose | No 5 Morse |
| Speeds number | 8 |
| Speeds range | 70-2000 r/min |
| Cross slide travel | 170mm (6-11/16") |
| Compound rest travel | 95mm (3-9/16") |
| Lead screw thread | 8T.P.I. or 3mm pitch |
| Feed rod diameter | 19mm (3/4") |
| Cutting tool max section | 16mm×16mm (5/8"×5/8") |
| Threads imperial pitches | 42 Nos. 4-112T.P.I |
| Threads metric pitches | 44 Nos. 0.1-7mm |

| | |
|-----------------------------|---|
| Threads diametral pitches | 25 Nos. 16-112DP |
| Threads module pitches | 34 Nos. 0.1-1.75MP |
| Longitudinal feeds imperial | 24 Nos. 0.00168-0.1175"/rev |
| Longitudinal feeds metric | 24 Nos. 0.046-3.249 mm/rev |
| Cross feeds imperial | 32 Nos. 0.00046-0.03231"/rev |
| Cross feeds metric | 24 Nos. 0.01-0.703 mm/rev |
| Quill diameter | 32mm(1-1/4") or 42mm (1-21/32") |
| Quill travel | 100mm (3-15/16") |
| Quill taper | No3 Morse |
| Main motor power | 1.5kW (2HP) |
| Coolant pump power | 40W (1/16HP) |
| Packing size (cm) | 168 x76 x153 (750mm) or 193x76x153 (1000mm) |
| NG/GW (kg) | 510/630 (750mm) or 540/645 (1000mm) |

Standard Accessories for KGY-14 / 16

1. Reduction Sleeve 5/3#
2. Center MT3#(Dead Center, Alloy Center)
3. Three Jaw Chuck 160mm
4. Four Jaw Chuck
5. Chip Tray
6. Splash Guard
7. Tool Box & Tools 1set
8. Face Plate
9. Steady Rest
10. Follow Rest
11. Brake
12. Coolant System
13. Work Light

Optional Accessories:

1. Quick Change Tool Post
2. Taper Turning Attachment
3. Live Center
4. Drill Chuck
5. Chuck Cover
6. Tool Post Cover
7. Leadscrew Cover
8. Driving Plate