

MORTON

ALL GEAR HEAD BENCH LATHE



FI-900AEG WITH FLOOR STAND (OPT)

FEATURES:

- Lathe bed is made of high tensile cast iron in rigid structure, the bedways are hardened and ground.
- The main spindle is equipped with 2 precision taper roller bearing.
- Provides 18 spindle speed from 70-1500 rpm, change speed by means of lever.
- Totally enclosed oil bathed headstock

SPECIFICATIONS:

| | | | |
|-------------|--|---|----------------|
| Swing | Swing over bed | 12" | 304.8mm |
| | Swing over cross slide | 7-3/4" | 197mm |
| | Swing over gap | 18" | 457mm |
| Distance | Distance between centers | 36" | 914mm |
| | Distance from base to centers | 17" | 431mm |
| | Distance from base to top of headstock | 23" | 584mm |
| Spindle | Spindle nose | D1-4 | D1-4 |
| | Spindle bore | 1-9/16" | 40mm |
| | Taper of spindle bore | MT#5 | MT#5 |
| | Taper of center | MT#3 | MT#3 |
| | No.Of spindle speeds | 18 | |
| | Range of spindle speeds | L:70,100,140,210,280,395,550,770,1100 H:95,135,195,275,385,535,755,1050,1500 | |
| Threads | Leadscrew diameter | 7/8" | 22mm |
| | Threads (40 kinds) | 4-112 TPI | |
| | Threads (22 kinds) | | 0.25-6mm pitch |
| | Threads per inch of leadscrew | 8 TPI | |
| Tools slide | Cross slide travel | 6" | 150mm |
| | Compound rest travel | 3-1/2" | 90mm |
| | Saddle travel | 31-1/2" | 800mm |
| Tailstock | Spindle travel | 4" | 100mm |
| | Taper of center | MT#3 | MT#3 |
| Bed | Width of bed | 7-1/8" | 180mm |
| | Width of gap | 8" | 203mm |
| Motor | Main spindle motor | 1-1/2"HP | 1.35kw |
| Net weight | Approximate | 814 LBS | 370kgs |
| Packing | Approximate | 73X30X30" | 1860x760x760mm |

*the design and specifications of the machine are subject to change without further notice

STANDARD ACCESSORIES:

1. MOTOR 1-1/2 HP SINGLE PHASE.
2. CENTER SLEEVE (MT.NO.5)
3. CENTER (MT.NO.3)
4. TOOL BOX
5. TOOLPOST WRENCH.
6. CHANGE GEAR SETS
7. ALLEN WRENCH SET.
8. SCREWDRIVER.
9. OIL GUN.
10. OPERATION MANUAL AND PARTS LIST.

SUPPLIEMENT ACCESSORIES:

1. 3-JAW SCROLL CHUCK 160MM (6").
2. 4-JAW INDEPENDENT CHUCK 200MM (8").
3. STEADY REST.
4. FOLLOW REST.
5. FACEPLATE 10".

CE MARK FOR EUROPEAN-EXTR COST:

1. CHUCK GUARD.
2. LEADSCREW PROTECTION COVER.
3. TOOLPOST GUARD
4. CE STANDARD ELECTRICAL ELEMENTS AND ELECTRICAL PARTS

SPECIAL ACCESSORIES:

1. COOLANT PUMP SYSTEM.
2. FLOOR STAND.
3. WORK LAMP.
4. TAPER TURNING ATTACHMENT.
5. REVERSING SWITCH.
6. MICRO CARRIAGE STOP.
7. EMERGENCY SWITCH.
8. ROLLING CENTER MT.NO.3.
9. MICRO CARRIAGE STOP.
10. DRILL CHUCK 1/2" WITH ARBOR.
11. 5C LEVER OPERATED COLLET CLOSER.
12. 5C HANDWHEEL OPERATED COLLET CLOSER.
13. SINGLE TOOLPOST.
14. SPLASH GUARD.
15. QUICK CHANG TOOLPOST (4PCS.OR 6PCS).
16. TOOLPOST GRINDER.



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