

Hello,

We are very pleased to present the following machine for your review and approval:

## 1970 BARBER COLMAN 14-30

### HORIZONTAL HEAVY-DUTY GEAR HOBBER

Maximum rated work diameter 14" (355.6mm)  
Coarsest pitch (single cut in steel)  
3.5 DP (7.3 Mod.)  
Maximum travel of hob carriage 30" (762mm)  
Maximum distance, work spindle face  
to tailstock center 27.25" (692.15mm)  
Maximum distance work spindle centerline  
to hob spindle centerline 9.75" (247.6mm)  
Minimum distance work spindle centerline  
to hob spindle centerline 1.75" (44.4mm)  
Work spindle bore (standard) 4.18" (106.3mm)  
Index worm gear pitch diameter 17.9" (454.6mm)  
Maximum/Minimum number of teeth cut 300/4  
Maximum hob diameter (standard) 6.25" (158.75mm)  
Maximum swivel angle (Helix) setting R/L 50 degrees  
Maximum hobshift travel 4" (101.6mm)  
Main drive motor 10HP  
Hydraulic pump motor 3HP  
Lubricating pump motor 1/4HP  
Coolant pump motor 1HP  
Machine dimensions 130"x 80-3/4"x 90"  
Machine net weight (approx.) 13,500 lbs.



### -EQUIPPED WITH-

STANDARD HOB HEAD W/ANTI-FRICTION BEARING SPINDLE  
ANTI-FRICTION BEARING WORKSPINDLE  
DOUBLE-THREAD INDEX WORM, HARDENED & GROUND, BRONZE WORM GEAR  
BUILT-IN DIFFERENTIAL MECHANISM  
AUTOMATIC HOBSHIFT, CLAMPED DURING WORKING CYCLE  
AUTOMATIC 2-CUT CYCLE  
ONE (1) HOB ARBOR  
WORK-HEAD ARRANGED FOR HYDRAULIC CHUCKING (MINUS CHUCK)  
WORK SPINDLE ADAPTOR  
HYDRAULIC OPERATED TAILSTOCK W/CENTER  
HYDRAULIC POWER UNIT  
COOLANT PUMP TANK & PIPING

PRICE.....\$14,900

Best Regards,

Mike Heim - Sales Manager



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