FEATURE LIST

- ONE PIECE WELDED PRECISION GROUND FRAME
- (2) 10HP VARIABLE SPEED DIRECT DRIVE MOTORS
- STANDARD 40" WIDE TABLE
- SLIDING TABLE AUTOMATICALLY LOCKS AT CYCLE COMPLETION FOR SAFER MACHINE OPERATION
- 5" OF VERTICAL STACK HEIGHT WITH POSITIONING ON FRONT OF MACHINE
- MANUAL 3 POSITION ADJUSTMENT AVAILABLE WITH DIGITAL INDICATION FOR ACCURATE POSITIONING
- OPTIONAL 3 POSITION TURRET ADJUSTMENT FOR FAST ACCURATE CHANGEOVERS
- 4" OR 6" DIAMETER TOOLING MUST BE SPECIFIED
- HSK OPTION AVAILABLE
- PARTS CLAMPED FROM TOP AND SIDE
- THK LINEAR GUIDES AND BEARINGS

DESCRIPTION

The Model 310 was designed with counter-rotating cutterheads to eliminate tear-out of profiled edges when cope / tenon cuts are made after the stile or rail cut. The Unique sliding table & safety clamp hold down system provides safe, production while maintaining a high standard of quality parts quickly & efficiently.

Unique has answered the call from customers for increased capacity. The 310 now comes standard with a 40" capacity table & optional extra thickness capacity for custom jobs or entry door parts may be added. Unique also offers a multi-position option with air assisted changeover at the push of a button. The newest addition makes the stacking of three tools possible, with digitally indicated height settings or optional pro-scale..
Model 310GT

COPE MACHINE

310GT MACHINE DIMENSIONS

310GT MACHINE SPECIFICATIONS

TECHNICAL SPECIFICATIONS

SOME SPECIFICATIONS MAY VARY BASED ON STATION CONFIGURATION

- Shaper Motors (2) 10HP
- Shaper Spindle 1-1/4" Mandrel
- Electrical Requirements 220V, 60Hz, 3PH, 70.93A
- Compressed Air 440V, 60Hz, 3PH, 35.47A
- Dust Collection 90PSI, 1CFM
- Material Width 1200CFM Per Spindle
- Max Material Diameter 5in
- Max Material Thickness 1in Standard, 2-1/8in Optional
- Max Cutter Diameter 6in
- Machine Weight 1750lbs
- Work Height 36in

DESIGN FEATURES

- Emergency stop, disconnect and lockout features
- Safety interlock prevents table from moving in the unclamped position
- 40" capacity
- Precision machine heavy fabricated frame
- Dual precision mandrels
- Precision shafting and linear bearings
- Adjustable stops for end trimming

STANDARD OPTIONS

AutoFeed

The 310GT autofeed option allows for the feeding of door parts. This option assures consistent feedrate and production levels. In some cases this can extend tool life.

Turret

The three position turret option makes changeover quick and easy. The air assisted spindle moves into position after the desired cutter height is selected by the operator.

HSK

Two 16HP HSK-63F electro-spindles give you quick and accurate changeover to an infinite number of profiles. Allows the sharing of tools with other machines in many shops.