

## SHAPE - STILE MACHINE

### FEATURE LIST

- NEW DESIGN - COMPACT RIGID STEEL FRAME
- VARIABLE SPEED 0-35 FT/MIN CONVEYOR / SELF-LUBRICATING GUIDES & REPLACEABLE PADS
- MECHANICAL-DIGITAL POSITION INDICATION FOR PRECISE CUTTER ADJUSTMENT PRO-SCALE OPTIONAL
- QUICK CHANGE 3 POSITION TURRET SETUP AVAILABLE
- 5-1/4" OF AVAILABLE HEIGHT ADJUSTMENT CAN STACK UP TO 4 TOOLS\*
- MECHANICAL DIGITAL POSITION INDICATION ON INFEED FENCE PRO-SCALE OPTIONAL
- DIRECT DRIVE 10HP SHAPER VARIABLE SPEED CONTROL REVERSING SWITCH
- OPTIONAL HOPPER FEED MECHANISM FOR AUTOMATIC OPERATION
- ACCURATE STILE SIZING WITH OPTIONAL HOPPER
- HSK 63-F QUICK CHANGE SPINDLE AVAILABLE



410H stile version shown

### DESCRIPTION

The affordable yet industrial-duty 410 offers precision & value with a maximum feed rate of 35 ft/min & optional dedicated hopper system. The Unique model 410 Shape/Stile machine will produce consistent rails, edges or even panels.

This machine can be configured as a manual part loading shaper with mechanical-digital indication loading fence. or optional automated hopper-feed system dedicated to volume production of Stiles (as shown above).

The quality design of the 410 provides quick cutter height adjustment with precise setup and ease of operation.

\*Depends on thickness of cutter bodies and cutting height requirements

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\*Due to continuous improvements, all specifications are subject to change without notice.\*

# Model 410

# UNIQUE

MACHINE & TOOL CO.

## SHAPE - STILE MACHINE

### 410 MACHINE DIMENSIONS

WORKING HEIGHT 3FT.

# NEW IN ATLANTA 2012

### 410 MACHINE SPECIFICATIONS

#### TECHNICAL SPECIFICATIONS

SOME SPECIFICATIONS MAY VARY BASED ON STATION CONFIGURATION

- |                           |  |
|---------------------------|--|
| • Shaper Motors           | 10HP Direct Drive                            |
| • Electrical Requirements | 220V, 60Hz, 3PH, 40A<br>440V, 60Hz, 3PH, 20A |
| • Compressed Air          | 90PSI, 1CFM                                  |
| • Dust Collection         | 1200CFM                                      |
| • Max Material Width      | N/A Std - 8In (hopper version)               |
| • Max Material Thickness  | 2.25In                                       |
| • Max Feed Rate           | 35ft/min                                     |
| • Machine Weight          | 1200lbs                                      |
| • Work Height             | 36In   |

\*6" Diameter Tooling Design Required

#### DESIGN FEATURES

- Emergency stop, disconnect and lockout features
- Hands-free operation with fully enclosed cutterhead
- Precision machine heavy fabricated frame
- Precision shafting and Industrial-Duty conveyor
- Adjustable stop for variable part widths
- Optional Hopper feed for automated stile operation
- No length limitations

### STANDARD OPTIONS

#### 410 -3

The 410-3 option provides a pneumatic controlled cutter-stack for easy selection of up to three cutting tools using a 3 position Unique turret.

#### 410 HSK

The 410 HSK option uses an upgraded HSK-63F Electro-Spindle allowing for easy change over of multiple profiles. Three position turret stop available.

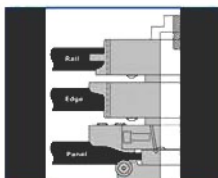
#### Proscale

The 410 proscale incorporates linear encoders which are attached to the motors. This option expedites the setup process and provides quick, accurate and easy adjustment of the cutter height.

Replaceable  
Conveyor Pads



Tool Stacking



Quick Set Turret



Hopper Feed  
Option for  
Stile Production

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