

SHAPER - SANDERS MACHINE

FEATURE LIST

- NEW DESIGN - COMPACT RIGID STEEL FRAME
- DIRECT DRIVE 10HP SHAPER EXCELLENT QUALITY VFD SIMPLE CONTROLS
- OPTIONAL POSITION INDICATION FOR PRECISE QUICK 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 2HP SANDERS VARIABLE SPEED & REVERSE SELECTOR SWITCHES
- HD CONVEYOR & HOLD-DOWN PROVIDE HIGH QUALITY MACHINING
- SELF-LUBRICATING CONVEYOR GUIDES
- HSK 63-F QUICK CHANGE SPINDLE AVAILABLE



412 adjustable shaper Y-Z shown

DESCRIPTION

The affordable & industrial 412 Shaper with two Sanders re-creates the popular Unique 336 model at an entry-level price point. Unique's NEW 412 will produce consistent rails, edges, panels & more with even greater sanding time savings.

The 400 series was designed for simplicity, quick setup & ease of operation; in its most basic form a dedicated workhorse. Choose the entry level fixed position shaper or upgrade to the Mechanical, Proscale, 3-Position or even HSK-63F Quick-Change Shaper Options to fit most shop applications.

High-quality electric devices, robust design & USA MFG make the Unique 412 the ideal first shape/sand investment.

*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 412

UNIQUE

MACHINE & TOOL CO.

SHAPER - SANDERS MACHINE

412 MACHINE DIMENSIONS

WORKING HEIGHT 3FT.

NEW IN ATLANTA 2012

412 MACHINE SPECIFICATIONS

TECHNICAL SPECIFICATIONS

SOME SPECIFICATIONS MAY VARY BASED ON STATION CONFIGURATION

- | | |
|---------------------------|--|
| • Shaper Motor | 10HP Direct Drive |
| • Sander Motors (2) | 2HP Direct Drive |
| • Electrical Requirements | 220V, 60Hz, 3PH, 60A
440V, 60Hz, 3PH, 30A |
| • Compressed Air | 90PSI, 1CFM |
| • Dust Collection | 1200CFM |
| • 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
- Precision Linear Bearings on Sander and Shaper stations
- No length limitations

STANDARD OPTIONS

412 -3

The 412-3 option provides a pneumatic controlled cutter-stack for easy selection of up to three cutting tools using a 3 position Unique turret. (NOT AVAILABLE ON SANDERS)

412 HSK

The 412 HSK option uses an upgraded HSK-63F Electro-Spindle allowing for easy change over of multiple profiles. Three position turret stop available.

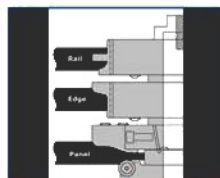
Proscale

The 412 proscale incorporates linear encoders which are attached to the motors. This option expedites the setup process providing quick, accurate and easy adjustment of the cutter & sander heights.

Replaceable
Conveyor Pads



Tool
Stacking



Quick Set
Turret



Sanding
Wheel



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