

MODEL 320 SERIES **UNIQUE SHAPE & SAND SYSTEM**

Stacked Shaper Station: This station has a 3-tool capacity allowing different profiles to be stacked on the spindle at the same time. In addition, the Unique spindle can be moved completely away from the feed path, allowing other stations to be used for sanding only.

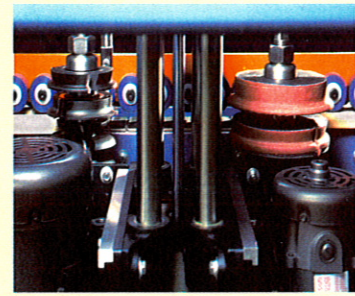
Motor: 5 HP standard, 7 1/2 HP optional.

Spindle: 1 1/4" runs at 5000 RPM for 5" diameter tools. RPM adjusted to match other tool diameters. 4" minimum tool diameter, 8" maximum tool diameter, 4 1/4" useable spindle height for tools.

Stacked Sander Station: This station allows you to stack 3 different sander profiles to match the 3 tools on the stacked shaper station, for increased productivity and no set-up time. If you have different straight profiles that need to be shaped and sanded, the stacked shaper station can be combined with 2 stacked sander stations running in opposite directions, for maximum sanding performance. With 1 pass you can shape and sand straight profiles, and by flipping a switch, the spindles will move to another height for a different profile to be shaped and sanded.

Motor: 1 HP variable speed 0 - 1750 RPM.

Spindle: 1 1/4" spindle, 3 tool capacity, maximum 4 1/4" height, no spindle tilting, 8" maximum sanding wheel diameter.



Stacked Tooling & Sanding Heads Eliminate Set-up Time

Straight Sander Station: Excellent for straight profile sanding of door edge details, straight panels or furniture parts. Two stations are recommended rotating in opposite directions for optimum sanding. This station holds one sanding head, which you can set-up at an angle for maximum sanding performance. Variable speed controls allow the operator to adjust rotation speed for different materials or for different types of sanding heads.

Motor: 1 HP variable speed 0 - 1750 RPM

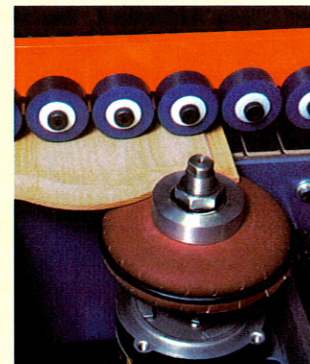
Spindle: 1" with tilt adjustment -20 degree to +45 degree, 8" maximum sanding wheel diameter.

Arched Sanding Station: Capable of sanding arched door panels or profiles by following a rub collar and using the exclusive arched sanding mechanism from Unique. This special station can also be used for all straight profile sanding with the same features as the Straight Sander Station. Eliminate hand sanding by simply feeding the arched panels through the Model 320 sanding stations.

Motor: 1 HP variable speed 0 - 1750 RPM

Spindle: 1" with tilt adjustment -20 degree to +45 degree (Arched sanding is done with no tilting of spindle).

Sanding Wheel: Single wheel capacity up to 8" diameter.



The Unique System allows both arched and straight profiles to be sanded

GENERAL SPECIFICATIONS:

Tooling: For maximum cutting performance we produce custom tools with special shear angles and diameters. With a wood sample or drawing we can match your specific profiles.

Sanding Heads: For optimum sanding we supply a very affordable and efficient sanding head system. Velcro backed, stretching abrasive is wrapped around a custom hub to match your profile. Abrasive is available in 100, 120 or 150 grit. A wood sample is all that is needed to design a custom wheel to match your profile.

Variable Speed Conveyor: Material is fed through the system at 0 to 22 Feet Per Minute. Approximately 1,000 parts can be shaped and sanded in an 8 hour day.

Material Sizes: 2" wood thickness capacity • 3" x 3" minimum part size

Electrics: 208-240 Volt, 3 Phase. Optional 440 volt available.

Air: 90 PSI required.

Dust Collection: 4" outlet per station.

Machine Dimensions: 36" wide, 96" long, 65" high. Floor space: 36" x 72".

Machine Weight: 1600 lbs. crated

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