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265 Series Single End Cope Machine

Rev. D

BASIC





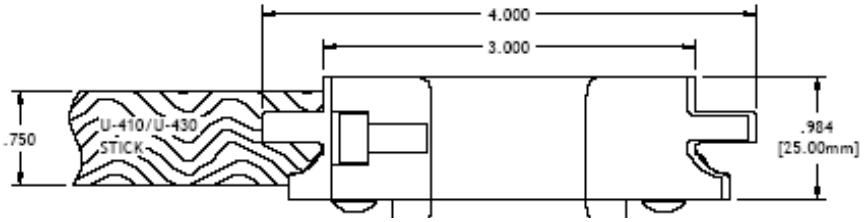
ADVANCED

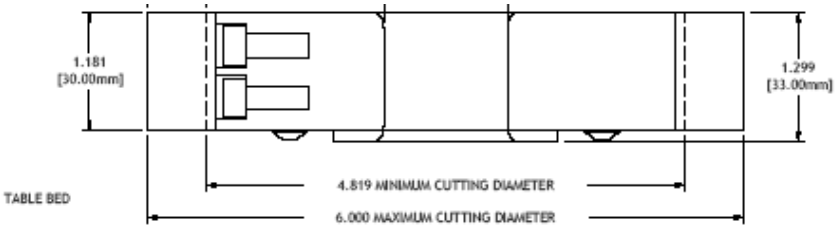
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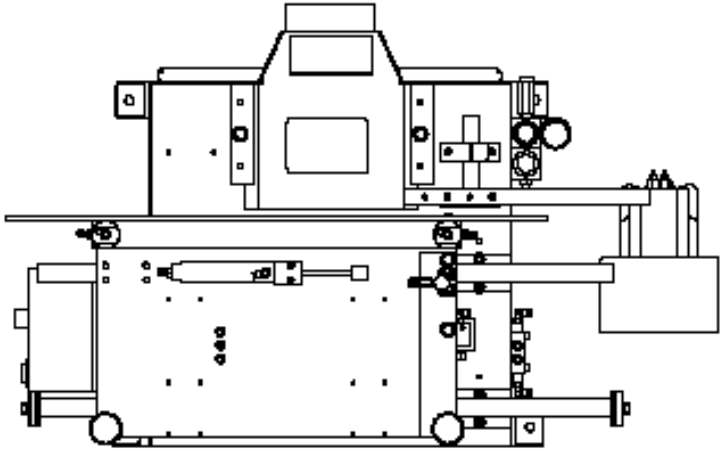
265 Single End Cope Machine - Basics

Specify 4” or 6” Diameter Tooling for optimal performance









Standard Cut Direction

RPM

6000-9000 – 10 HP
Direct Drive and 8 Hp
HSK 63F

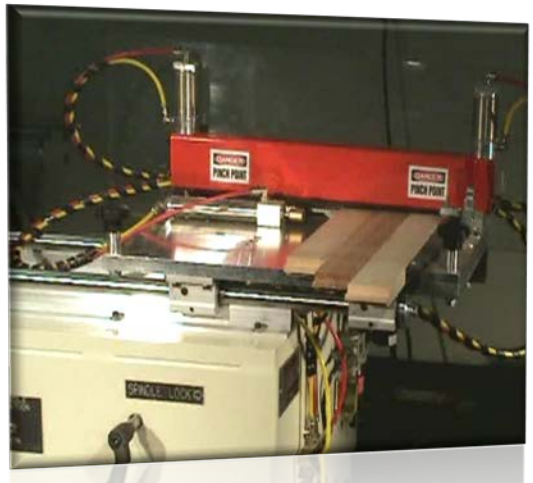
Standard feed direction

Optional “Left Hand” – CW rotation Units available

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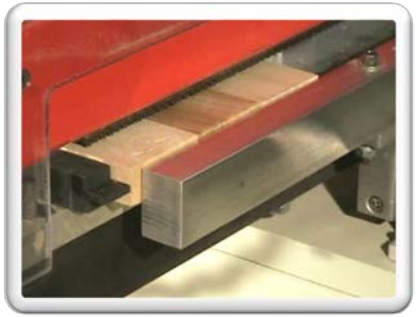
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265 Single End Cope Machine - Basics





- **A True Industrial purpose built machine designed for single to multiple part Cope, Tenon or End-match Machining.**
- **Safety Clamp & Work Table is guided by Precision Linear Rails mounted onto a Thick, Precision Ground, Steel Plate supported by a quality fabricated and welded base frame.**
- **15” Single or Multiple part Table Clamping Capacity is standard.**
- **Clamp pressure provides constant contact with multiple** *(same thickness)* **parts.**
- **Additional Standard Side clamp assures parts are held tight and square during machining process.**



- **Sturdy fixed fence to locate parts consistently.**

Optional Mechanical Fences are Available

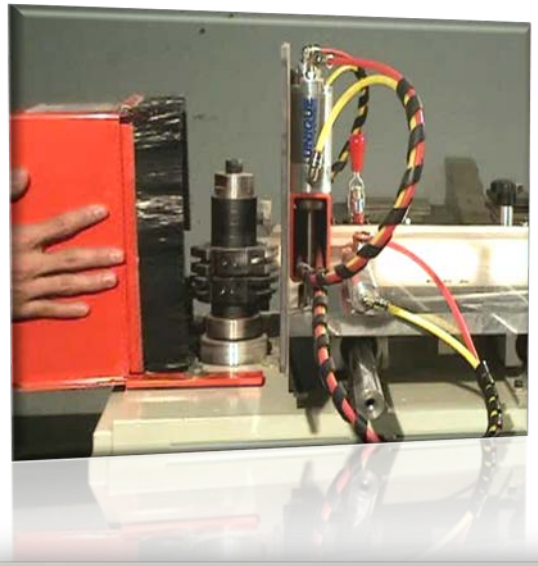


- **Quick release clamp to make backer changes easy**

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265 Single End Cope Machine - Basics



•Quick and easy tooling changes, whether it's a simple single cutter standard Belt Drive unit or a multi-cutter stackable tooling system.



•Simple quality brand controls provide years of consistent operation



•Locking dust hood can be easily removed with the quick turn of a wrench and slipped out of the way for complete access

•Smart Safety Work-Table automatically locks in place when the table is returned to the 'home' position.

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265 Single End Cope Machine – Belt Drive Machine Upgrades





•265-2 Option on the Belt-Drive Version offers a simple, quick and repeatable way to switch from one profile to a second profile in seconds using a pneumatic cylinder and two adjustable stops.

Common use: *For shops who use a* ***Bead Profile*** *and* ***Shaker Profile*** *for the majority of their production.*





•265 Proscale Option offers a precise way of making fine adjustments to profile settings using an easy to read magnetic digital readout *(pictured left)*

Common use: Quicker and More accurate setups… *For shops who use one Profile for the majority of their production & have many other tools that are occasionally used.*

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265 Single End Cope Machine – Direct Drive Machine Options



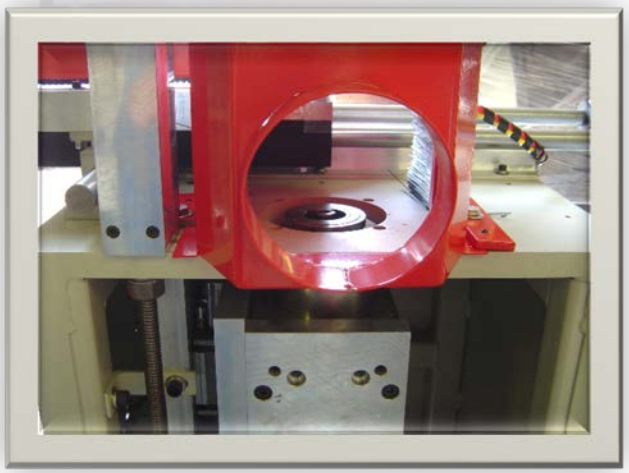
•All adjustments are made from the front of the machine allowing for faster and more user-friendly changeover.



•Variable frequency drives produce a RPM range from 6,000 ~ 12,000 + RPM*

**Varies by Motor type*

•265 DD Base Model uses a 10HP Direct Drive Perske motor



• 265 DD - HSK uses a 10HP – 18 HP HSK- 63F quick change spindle

varies based on specs of motor used

Common use: *(Very fast and accurate setups) For shops who use many profiles and use all of those profiles frequently and constantly changing between those profiles and can realize the value of the added expense..*

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•Simple key switch activated tool release.

For DD HSK-63F option only.

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265 Single End Cope Machine – Direct Drive Machine Options



•265 DD has an mechanical adjustable Z-Axis with SIKO indicator for quick accurate positioning of cutters on the tool stack. (A)

•Optional Adjustable Fence for material Stop also has a mechanical adjustable Axis with SIKO indicator for quick accurate positioning. (B)



•Power-Feed Tables are available for those shops who wish to have consistent feed rates which help provide predictable production numbers & tooling wear.

• “Left Hand” versions of the 265 are available built with the fence on the Left and feeding left to right with a “CW” rotation cutting setup.



• Easy to Use HSK and Power Feed Controls.

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265 Single End Cope Machine

•**What does it do?** The 265 is designed to produce a profile one end of material from a S4S board.

•**What if I have pre-moulded material?** A single end machine will tenon one end fine, however it will tear out the face of the material on the second pass. A reverse backer can be used to counter this, however it is not recommended. Unique Machine & Tool recommends either purchasing both a 265 R & L hand machine or the model 310GT Double cope machine for this application.

•**What are the benefits of running S4S stock instead of pre-molding it?**

There are ways to prove this method both wrong and right. The benefits include, minimize inventory, increased yield & less set up on moulder.

•**What is the smallest part it can produce?** 1 ½" plus the depth of cut (ex. ½" Tenon + 1 ½ of remaining material = 2".

•**What is the largest part it can produce?** Unlimited in length as the machine is a single end machine. 1 1/8" height capacity is standard, call for quote for up to 2 ¼" material thickness capacity.

•**Can I use existing tooling?** It is best to send copy of tooling drawings to either your local dealer or your Unique Machine & Tool factory representative.

•**How many parts can it do?** This is dependent on the width of the part. The 15" table capacity and clamps will assure of solid hold down when running multiple parts of the same thickness.

•**Can it size parts?** No, the machine is set up to only remove a set amount of material. However, many customers have added sizing fences to the table themselves.