Features

Spindles
- Quick change blades
- Dual spindle
- Accommodates multiple blades per spindle
- 50 HP per spindle
- Robust 2 1/2” diameter
- Replaceable threaded insert for blade lock bolt
- Oversized bearings

Board feed
- Self-centering and line bar cutting (setup dependent)
- Five knurled driven in-feed rolls (adjustable force)
- Six driven pull rolls (adjustable force)
- Variable Speed from 100 to over 400 feet/minute

General
- Extra heavy duty construction
- Clear board path minimizes opportunity for jams
- Optional in-feed and takeaway conveyors
- Easy access guards for quick blade change
- Oversized Lexan front guard for strength and visibility

A high-speed, thin kerf, industrial saw, the HY400 is designed for a variety of high-speed cutting applications in your mill. It is capable of both center splitting and line bar cutting.

Each 50-HP spindle can accommodate multiple blades. The oversized bearings provide long life, even in severe applications.

The saw is equipped with a driven in-feed system and a driven exit system to pull boards through the blades at the approximate rate of 400 board feet per minute during ideal running conditions.

Also included is a dust collection outlet to remove excess sawdust through a dust collector system you specify and provide.

To see the saw in action, go to: http://youtu.be/FYkS1EKVye8 or scan the QR code on the opposite side to view the video on your mobile device.
SPECIFICATIONS

**Board Size**  | Minimum | Maximum | **Blade Size** | Diameter | **Machine Size** (approximate) | Width | Depth | Height  | **Electrical Requirement** | VAC | Amp. | Frequency  | **Pneumatic Requirement** | Pressure | Flow  
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Length | 27” | N/A | | 12” |  |  |  |  |  |  |  |  |  |  |  |  |  
Width | 2.5” | 8” | |  | Machine cabinet | 63” | 48” | 76” | |  |  |  |  |  |  |  
Thicknness | 1” | 4” | |  | Electrical cabinet | 19” | 36” | 73” | |  |  |  |  |  |  |  
**Electrical Requirement** | VAC | Amp. | Frequency |  |  |  |  |  |  |  |  |  |  |  |  |  |  
--- | --- | --- | --- | --- |  |  |  |  |  |  |  |  |  |  |  |  |  |  
480 | 200 | 60 Hz. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
**Pneumatic Requirement** | Pressure | Flow |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
--- | --- | --- | --- | --- |  |  |  |  |  |  |  |  |  |  |  |  |  |  
90 PSI | 0.1 CFM |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  

**SAW FEEDER OPTIONS**

(Not shown)

**Setup #1**
- Flat belt into saw
- Unscrambler to feed flat belt
- Tilting feed conveyor for two stacks

**Setup #2**
- Flat belt into saw
- Board conveyor onto flat belt
- Single stack board layer sliding feeder

Five In-feed rollers

High-speed timing belt

Easy height adjustment for various boards

Dual spindle 12” blades (shown with three blades)

Scan to view HY400 video

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