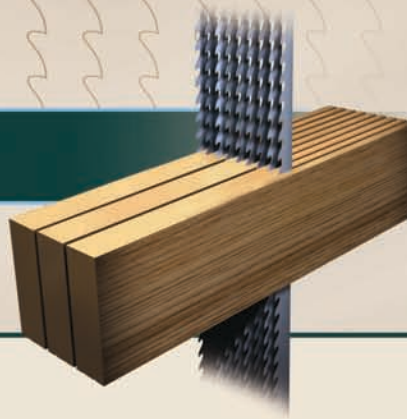


# ECO-POWER

**ogden**  
enterprises, inc.



The **ECO-POWER Plus** Thin Cutting Frame Saw was developed to be affordably priced for companies with medium to small production needs. The machine has a sturdy, solid cast iron base and is equipped with a 15 kW(20 HP) main motor. The Frame Saw cuts solid wood blocks into glueable slats with minimum saw kerf waste. The machine can run products up to 165 mm in width (6.5") and 250 mm in height (10"). The Eco Power Plus Frame Saw provides the smaller manufacturer a high performance and quality machine for the production of their veneer slats/lamellas; all for an economical price.

## Features

- **Affordable Price**
- Play-Free Linear Guides for Smooth Carriage Movement.
- Easy Access for Saw Frame Changing
- Automatic Central Lubrication System
- Solid Cast Iron Machine Construction
- Precision Stop/Start Feed System
- Adjustable Chip Breaker
- Solid Steel Crank Arms



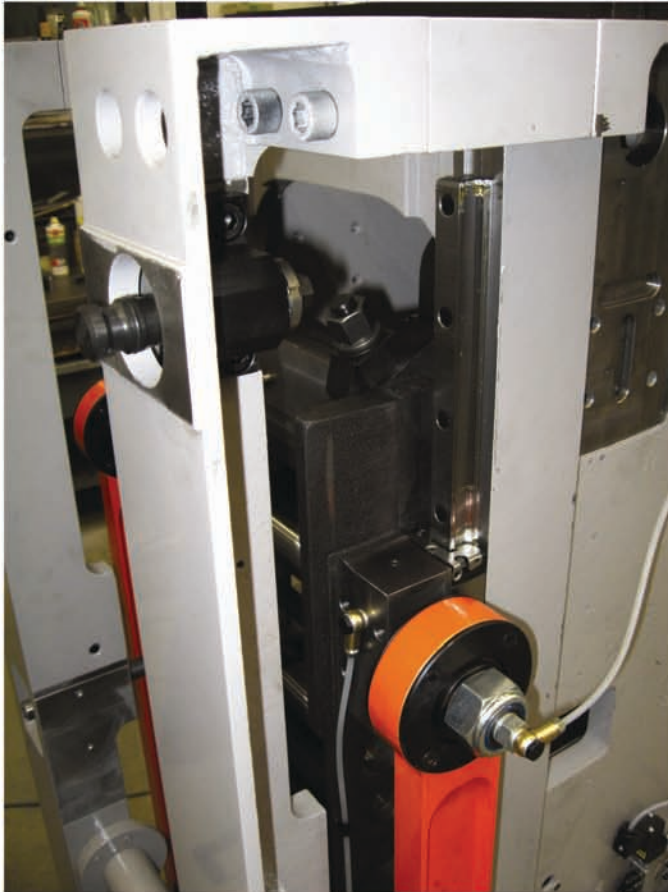
## Standard Equipment

- Automatic Raise/Lower of Top Feed Rollers via Push button
- Driven Top and Bottom Feed Rollers
- Dust Free Enclosed Gear Boxes
- Side or Center Guide System
- Cast Iron Carriage
- Air Blast System

## Optional Equipment

- Wet/Green Lumber Cutting Option
- Channel Guide System
- Top/Bottom Planer
- Hopper Feed

# Features and specifications



**Linear Guides of the Main Carriage Frame**

## Capacity

Veneer Slats	1150 - 1650 ft <sup>2</sup> /shift	350 - 500 m <sup>2</sup> /shift
Feed Speed	1 - 6.5 ft/min	0.3 - 2.0 m/min

## Motors

Main Motor	20 hp	15 kW
Top Planing Head	2 hp	1.5 kW
Bottom Planing Head	2 hp	1.5 kW
Motor to open Machine (kW)	.34 hp	0.25 kW

## Machine Dimensions

Length	8.5 ft	2600 mm
Width	31 in	800 mm
Height	6 ft	1800 mm
Weight	7,700 lb	3500 Kg

## Technical Specifications

Stroke	8 in	210 mm
Strokes per minute	450	450
Cutting height	10 in	250 mm
Cutting width	6 in	165 mm
Saw blade kerf	.043 in - .053 in	1.1 - 1.6 mm
Min. slat thickness	.080 in	2.0 mm
Bottom/top driven rollers	11/4	11/4
Bottom dust hood	6 in	160 ø mm
Top dust hood	5 in	120 ø mm
Air speed	82 ft/sec	25 m/s
Compressed air	90 psi	6 Bar
Dust collection volume	30 - 350 ft <sup>3</sup> /h	2 - 10 m <sup>3</sup> /h

## The Neva collaboration



Since the late 1990s, Ogden Enterprises and Neva Trade have worked cooperatively to share knowledge and resources in the field of thin-cutting technology.

Through the strength of our ongoing relationship, our two companies have successfully taken this technology to the next level. Ogden Enterprises and Neva Trade have combined their vast engineering and manufacturing resources to offer these machines jointly from their facilities in the United States and the Czech Republic.

For detailed application information,  
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