
Production capacity

Slat production per shift (m ²)	550 – 800
Feed Speed (m/min.)	0.2 – 2.0

Motors

Main Motor (kW)	15
Motor to open machine (kW)	0.18
"Plus" System Motors (kW)	0.09 (2x)

Machine Dimensions

Length (mm)	2600
Width (mm)	800
Height max. (mm)	2200
Weight (kg)	3500

Technical data

Frame Saw Stroke Length (mm)	210
Strokes per Minute (rpm)	450
Cutting height (mm)	250
Cutting width (mm)	155
Kerf (mm)	0.9 – 1.4
Min. Slat Thickness (mm)	1.5
Min. Block Length (mm)	155
# of Top/bottom Drive Rollers	12/4
Top Dust Hood (Ø mm)	120
Bottom Dust Hood (Ø mm)	160
Air Speed (m/s)	25
Compressed air – min. (bar)	4.5
Compressed Air Volume (m ³ /h)	2 – 10


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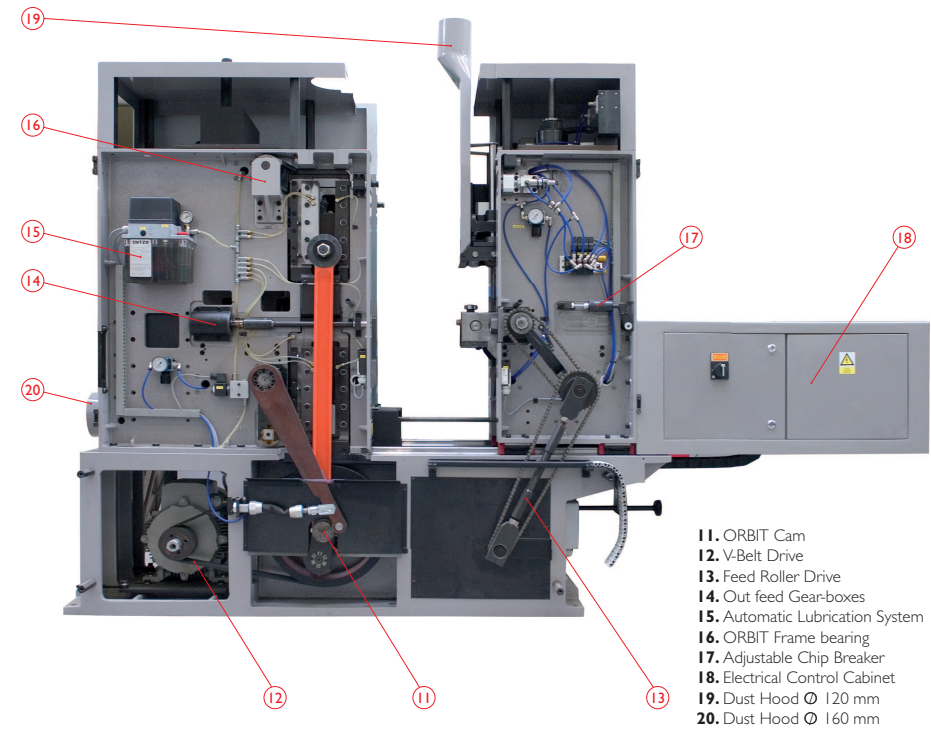
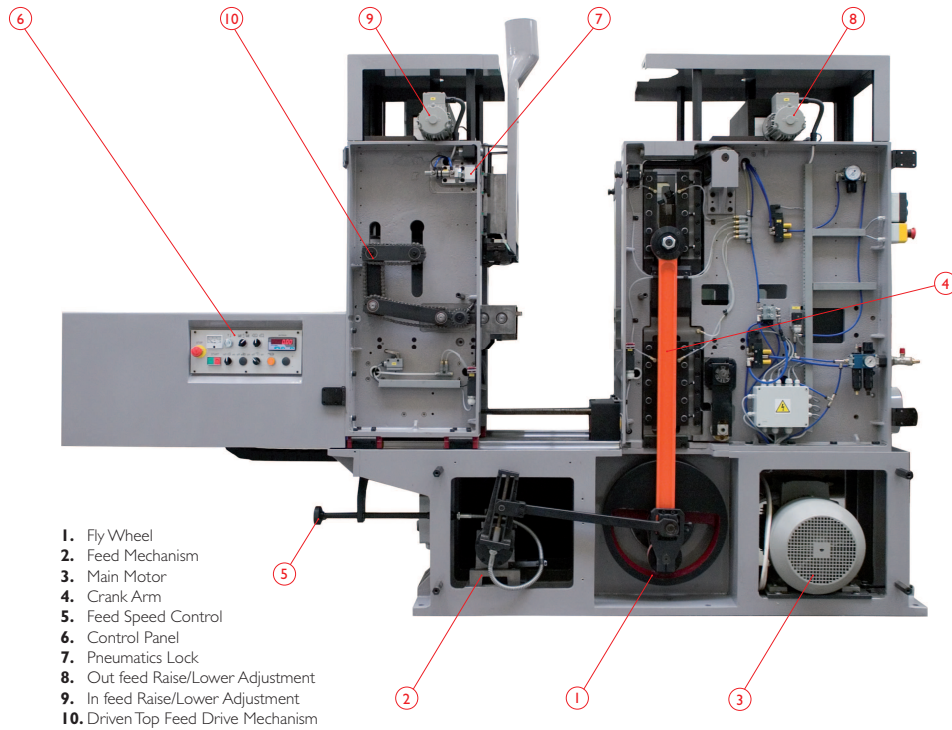
**A NEW GENERATION IN
THIN-CUTTING FRAME SAWS**

ORBIT

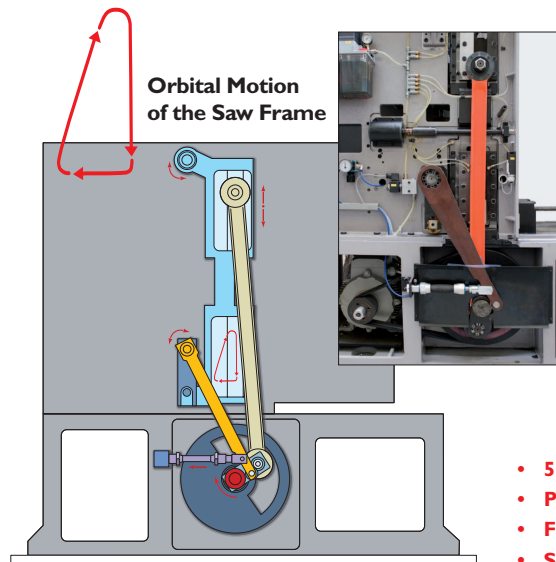
**THE
ONLY WAY
TO CUT**

- New and effective cutting technology
- Preferred System by customers worldwide
- Longest Warranty on the Market – 3 Years

WE KNOW HOW!



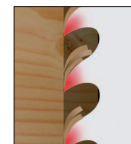
THE ORBIT SYSTEM



The ORBIT Frame Saw utilizes a completely new up/down method of movement for cutting lamellas/vener slats. During the downstroke of the saw frame, the cutting motion is perfectly lineal. At the bottom of the stroke, the saw frame swings out of the cut in the same direction as the wood is moving. Once the saw frame has retracted out of the cut, the frame travels back to the top, remaining out of contact with the wood during the entire upward motion.

Because the ORBIT saw frame moves out of the cut during the upstroke, wood chips and sawdust fall clear from the saw blades. The result is less heat build up on the saw blade, longer saw blade life, dust free lamellas, and the ability to use a thinner kerf saw blade.

OLD SYSTEM

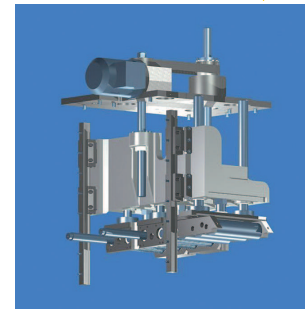


ORBIT SYSTEM



- 50 percent longer saw blade life
- Precision lamellas (tolerance ± 0.1 mm)
- Finish from frame saw is ideal for face-gluing
- Saw Blade kerf as thin as 0.9 mm

SYSTEM plus



Machine Advantages

- The "Plus" System is designed for fast and quick set-up and adjustment of the cutting height.
- Automatic raise and lower of the top feed rollers via electrical motor
- Feed roller movement is synchronized with the up/down movement of the saw frame
- Modular Feed can accommodate a center guide, side guide or channel system
- Automatic opening of the machine for safe and easy removal and installation of the saw frame
- Adjustable chip breaker prevents splintering on the bottom side of the wood
- Air Blast system located directly behind the saw blades keeps the saw blades clean and prevents heat build-up
- Solid cast iron machine construction minimizes vibration
- Top/Bottom Driven Feed Rollers
- Sturdy and durable Cast Iron Saw Frame Carriage
- Automatic central lubrication unit
- Solid Steel Crank Arms

START/STOP FEED MECHANISM

