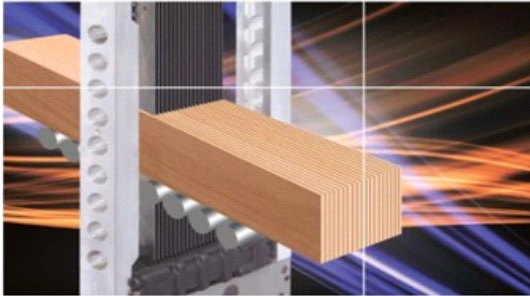




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Thin Cutting Frame Saw

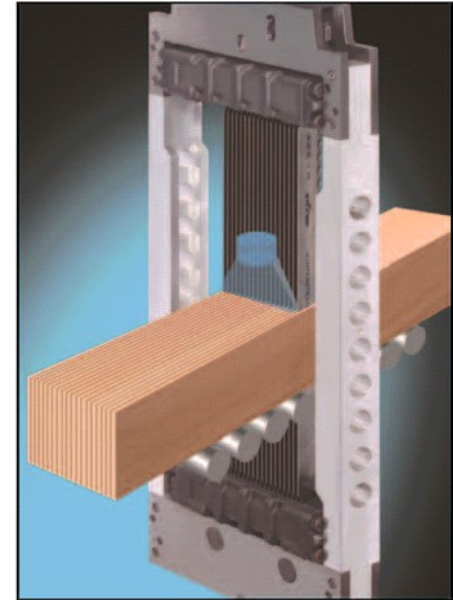


TRS-150F Multiple Slice Thin Rip Frame Saw

Features:

- Minimum kerf multiple blade frame saw designed to maximize production and minimize material loss.
- Thin frame saw design accepts different saw frames & blade combinations.
- Unique design allows multiple saw fence configurations to produce single, double or multiple cuts in a single pass.
- Machine supplied with PLC controller to allow operator to maximize saw production & minimize down time.
- Production times are reduced because of the machine's durability to consistently produce.
- Saw is engineered and designed to make extremely accurate cuts, cutting products with very tight tolerances up to 0.004" and eliminating the sanding before proceeding to the next step in production.
- All controls are centrally located to permit operator to easily adjust & maintain the machine.
- Material waste reductions of up to 20% are achievable by use of the thin kerf blades (0.043" ~ 0.055").
- The rigid saw blade frame is available in different configurations.
- A special air blast system that cools the blade for longer service intervals & removes sawdust from the gullet of the blade for reducing temperature and increasing blade life.

SPECIFICATIONS	TRS-150F
Working Width	0.75" ~ 6"
Working Height	1.25" ~ 10"
Finish Material Thickness	> 0.079"
Thickness of Saw Blade	0.043" ~ 0.055"
Max. No of Saw Blade	22 PCS
Saw Blade Cutting Cycle	450/Min
Stroke	8.25"
Saw Blade Size	1.575" W x 19.685" L
Main Motor	20 HP
Feed Motor	1 HP
Feed Speed	1 ~ 5 FPM
Air Pressure	90 PSI
Lubrication System	Auto Oil Lubrication
Cooling System	Water & Air
Machine Size	142" x 32" x 75"
G.W.	5800 LBS
N.W.	5070 LBS



Sawblade Air Blast

The air blast device provides cooling to the sawblades for extending blades service life. In addition, the device also can remove saw dust existed in blade teeth ensuring high quality cutting at all times.

Stable Cutting

The wood to be cut is supported steadily, ensuring high stability of cutting.



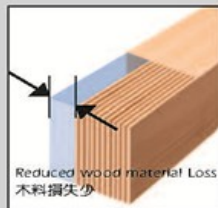
Fine Surface

Extremely fine surface effect after cutting which permits direct glue jointing for saving 0.15mm sanding tolerance.

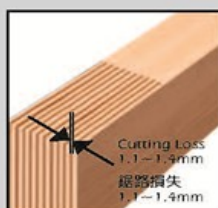


Accurate Thickness Of Cut

High accuracy thickness of cut is $\pm 0.1\text{mm}$. No gapping problem on the cut surface.



Wood cutting performed by the frame saw may reduce material loss to a minimum for saving production cost.



SAVING COST

The frame saw reduces material loss to a minimum. It saves 20% wood material when comparing with that by a conventional machining method.



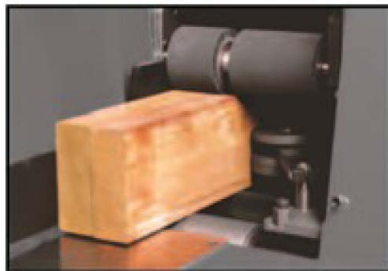
Centralized Pressure Regulations

- Each pressure roller is equipped with independent pressure regulator for individual air pressure adjustment.
- All pressure regulation valves are centralized for convenient adjustment and maintenance.



MICRO-COMPUTER CONTROL

- The machine is equipped with a PLC control for maximum operation convenience.
- Electronic components and circuit design fully meet CE safety regulations.
- Comprehensive anti-interference protection devices.
- Self-diagnostic functions and warning lamp displays.



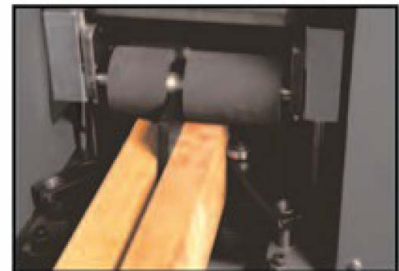
Guide Fence At Side

In case the guide fence is mounted at the side, the machine allows for cutting a single wood material.



Multiple Guide Fence

Upon request, the machine is available to supply with several guide fences. Fence sizes can be specified by customer. The use of multiple guide fence enables the machine to cut several wood materials at a time.

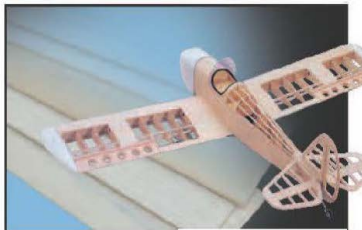


Guide Fence At Center Position

In case the guide fence is mounted at the center position, the machine allows for cutting two wood materials at a time for increasing efficiency.



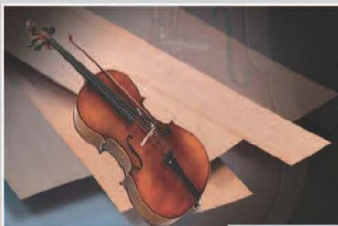
Thin wood



Toy: Airplane model



Composite flooring, stair plate and venetian blind



Musical Instrument : Guitar



Stationery: pencil



Sporting Goods: Ski



Choice of various saw frames