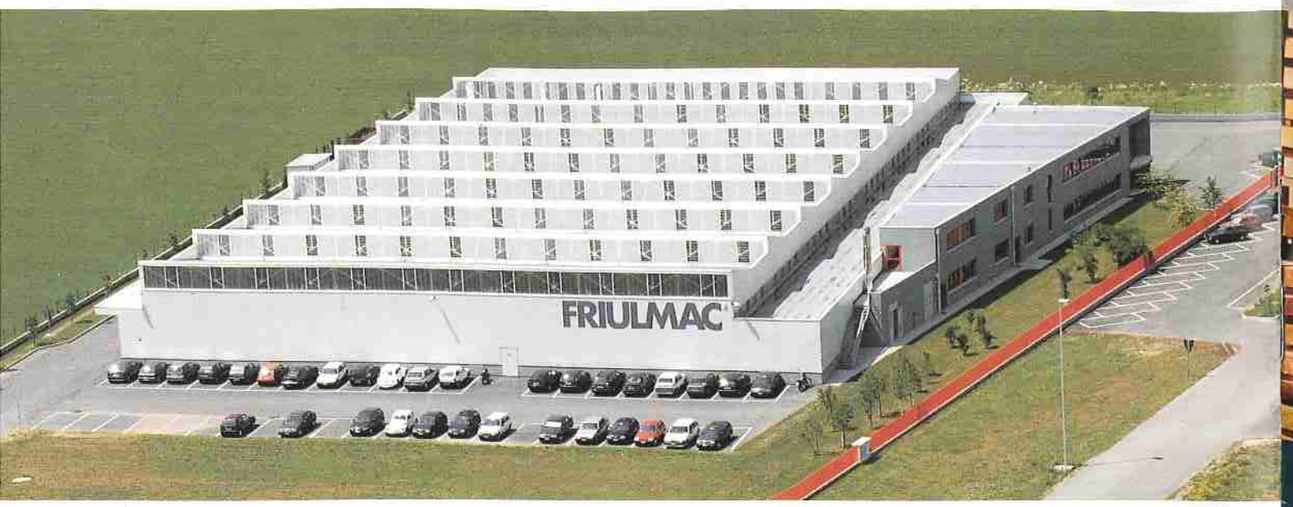

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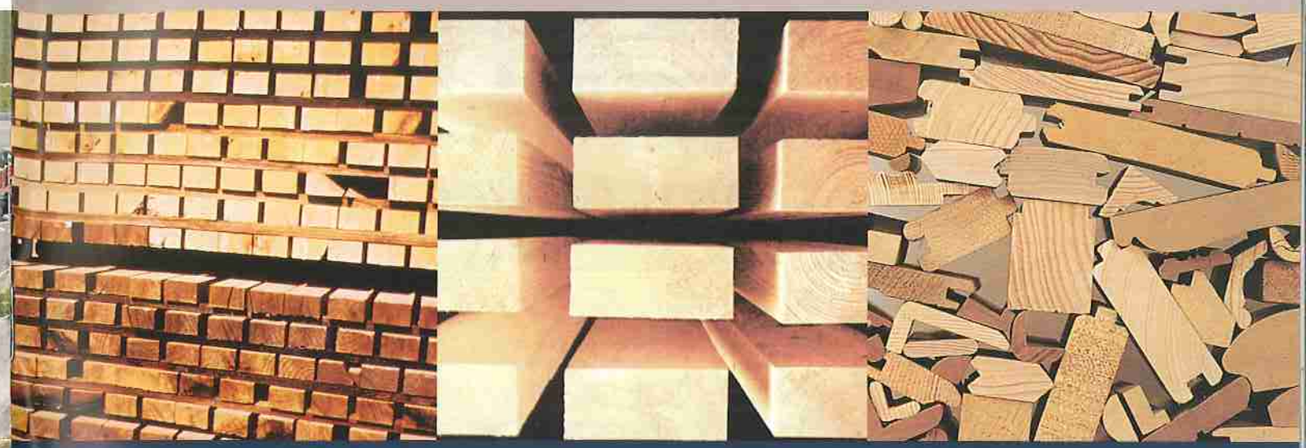
FRIULMAC

HANDLING EQUIPMENT



If you want your planer/moulder at full speed, while simultaneously connecting it with double-end profiling machines, you need the correct handling equipment.

Make full use of your moulder's capacity by using the correct hopper feeder.

All Friulmac hopper feeders guarantee continuous timber feeding, whether the material is uniform length or consists of short pieces with random lengths. This assures continuous butt-feeding, resulting in a smoother operation. The mechanisation of timber feeding reduces lost production time and makes the operator work more easy.

ECOFEED

For transportation of workpieces of uniform length to a planer/moulder with a straightening table.

The Friulmac hopper Ecofeed is mounted on the straightening table of any planer/moulder in a space saving manner. The workpieces are manually loaded from above and are stabilized at the same time by the back wall, which is mounted on the edge-jointing fence of the moulder. The pneumatically driven cylinder is equipped with a kicken pawl. The workpieces are fed under the infeed roller of the moulder with maximum pressure.

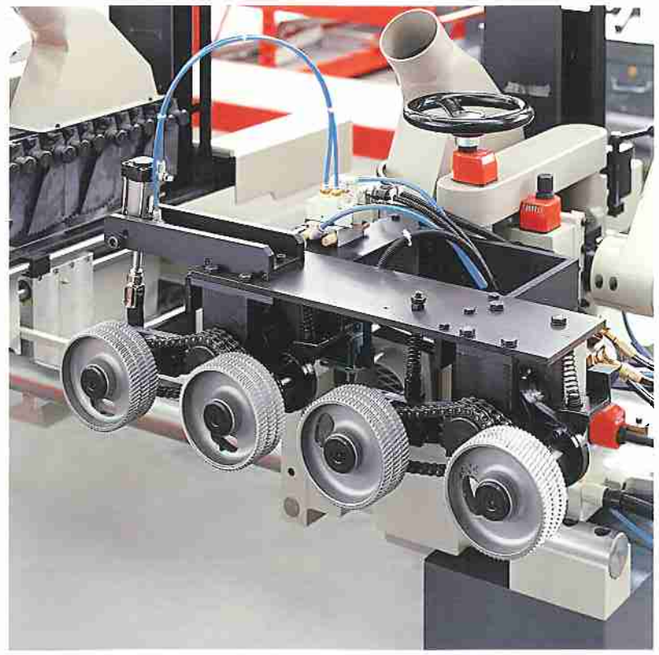
TECHNICAL DATA

Workpiece length	250-1500 mm
Workpiece width	30-170 mm
Workpiece thickness	10-60 mm
Height of the magazine	500 mm
Capacity	50 pcs/min.

DUALFEED

The Friulmac Cut-off saw/Hopper is positioned directly in front of the straightening table of any planer/moulder. The workpieces are manually loaded from above and are stabilized at the same time. Hydraulically driven dogs feed the workpieces through the cut-off saw units and pusher linked to the feed system push the material to the fence and under hydraulic driven rollers to the infeed roller of the moulder.

For squaring the workpieces and for transportation to a planer/moulder with a straightening table.



TECHNICAL DATA

Workpiece length	260-1300 mm
Workpiece width	40-110 mm
Workpiece thickness	10-80 mm
Height of the magazine	600 mm
Feed motor	2.2 Kw hydraulically driven
Spindle motors	3 Kw / 2800 rpm
Spindle diameter	35 mm
Tool cutting circle	400 mm
Capacity	55 pcs/min. (subject to timber dimension)
Voltage	400 V / 50 Hz

RANDOMFEED

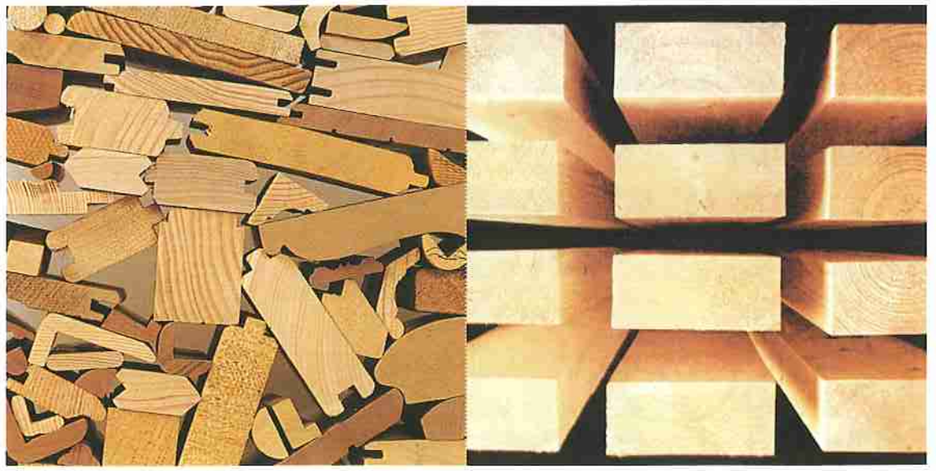
For transportation of uniform and random lengths to a planer/moulder with a straightening table or with short infeed table.

The Friulmac hopper Randomfeed is positioned directly in front of the infeed table of any planer/moulder. The workpieces are manually loaded from above and are stabilized at the same time. The hydraulically driven bar push the material to the fence and under the hydraulically driven feed roller to be accelated into the planer/moulder.

TECHNICAL DATA

Workpiece length	250-3500 mm
Workpiece width	40-230 mm
Workpiece thickness	12-80 mm
Height of the magazine	500 mm
Feed motor	1,8 Kw
Infeed bar	hydraulically driven
Capacity	55 pcs/min. (subject to timber dimension)
Voltage	400 V / 50 Hz

The correct handling equipment guarantees the full production capacity of your double-end tenoner, especially if it is connected to a planer/moulder.



In order to operate double-end tenoners in conjunction with other machining centres, it is essential to use the correct concept. Friulmac handling equipment guarantees trouble-free transportation of planed or profiled components between machines. Friulmac experts will advise you on the appropriate solution for any application to meet your production needs.

FN/GP

Transfer including turning device, to link any moulder with a Friulmac double sided end cut profiling machine. This unit is mainly used for lam parquet production, when 2 pieces are produced in the moulder at the same time.

TECHNICAL DATA

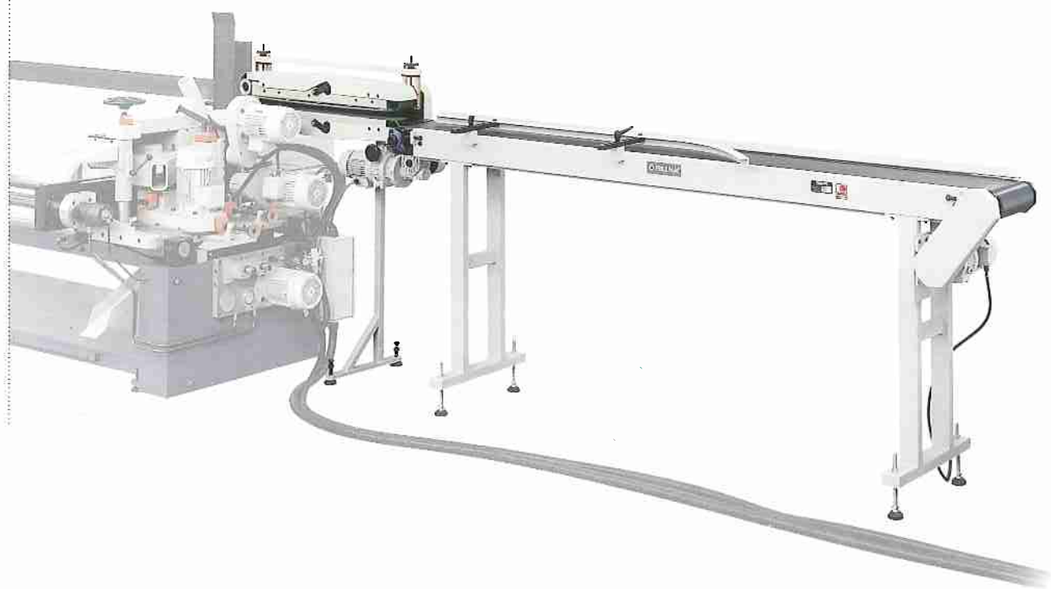
Workpiece length	200-350 mm
Workpiece width	40-60 mm
Workpiece thickness	8-12 mm
Belt length	3000 mm (1500 mm horizontal, 1500 mm in rising)
Belt width	150 mm
Inclination angle	30°
Drive motor	0,5 Kw
Belt speed	20-100 m/min. stepless adjustable
Table height	850 mm adjustable ±30 mm (height at highest level 1160 mm)
Voltage	400 V / 50 Hz

FN/TT-25/DC

Transfer and infeed system to link any planer/moulder with a Friulmac double sided end cut profiling machine. This unit is mainly used for the parquet floor production.

TECHNICAL DATA

Workpiece length	180-2000 mm
Workpiece width	20-230 mm
Workpiece thickness	10-40 mm
Transfer TT-25	
Belt length	2000 mm
Belt width	250 mm
Drive motor	0,25 Kw
Belt speed	20-100 m/min. stepless adjustable
Table height	1000 mm adjustable ±50 mm
Voltage	400 V / 50 Hz
Infeed system DC	
Belt width	90 mm
Drive motor	0,3 Kw
Belt speed	60 m/min.
Voltage	400 V / 50 Hz



FN/SGP

Transfer to link any planer/moulder with a Friulmac double sided end cut profiling machine.
This unit is mainly used for the parquet floor production.

TECHNICAL DATA

Workpiece length	180-1500 mm
Workpiece width	20-150 mm
Workpiece thickness	10-40 mm
Belt length	3000 mm (1500 mm horizontal, 1500 mm in rising)
Belt width	150 mm
Inclination angle	30°
Drive motor	0,5 Kw
Belt speed	20-100 m/min. stepless adjustable
Table height	850 mm adjustable ±30 mm (height at highest level 1160 mm)
Voltage	400 V / 50 Hz

FN4-D

Transfer system consist of:
- turning table
- wide belt conveyor
- inclined infeed conveyor.

This system is needed if T&G parquet is produced and if the moulder as well as the Friulmac double sided end cut profiling machine should not be changed with tool by producing left and right parquet pieces.

TECHNICAL DATA

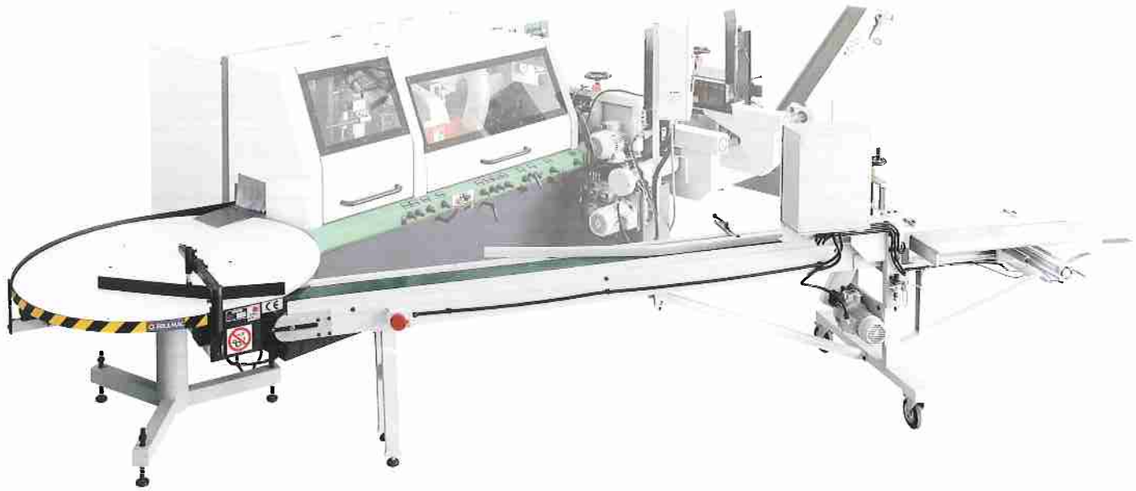
Workpiece length	180-800 mm
Workpiece width	40-150 mm
Workpiece thickness	10-30 mm

MP 1/3

Return transport system for workpiece back to the operator, incl. semi-automatic stacker.
After the planer/moulder, the pieces are turned on a turning table and moved onto a longitudinal belt.

TECHNICAL DATA

Workpiece length	250-1300 mm
Workpiece width	50-230 mm
Workpiece thickness	10-40 mm
Table diameter	1500 mm
Belt length	3000 mm
Belt width	250 mm
Belt speed	20-100 m/min.
Drive motor	0,25 Kw
Compressed air supply	6 bar
Voltage	400 V / 50 Hz



MP 3

Return transport system for workpiece back to the operator, incl. semi-automatic stacker. After the planer/moulder, the pieces are sliding down on a drop plate onto a longitudinal belt.

TECHNICAL DATA

Workpiece length	250-1500 mm
Workpiece width	50-230 mm
Workpiece thickness	10-40 mm
Belt length	3000 mm
Belt width	250 mm
Belt speed	20-100 m/min.
Drive motor	0,25 Kw
Compressed air supply	6 bar
Voltage	400 V / 50 Hz

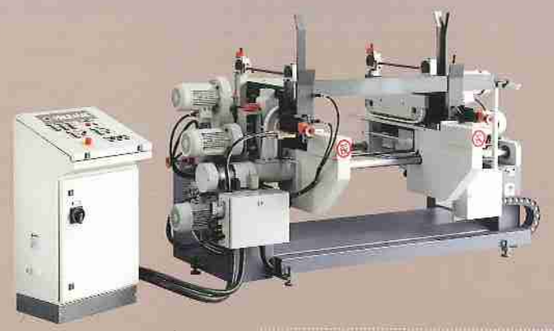
MP 7

This right angle transfer system is used for transfering workpiece of uniform length from lengthwise in crosswise direction.

TECHNICAL DATA

Workpiece length	200-1000 mm
Workpiece width	30-180 mm
Workpiece thickness	10-40 mm
Belt length	2500 mm
Belt width	250 mm
Belt speed	20-100 m/min.
Drive motor belt	0,35 Kw
Transfer motor	0,35 Kw each
Arms	2
Capacity	25 pcs/min.
Voltage	400 V / 50 Hz

FRIULMAC OFFERS MORE



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