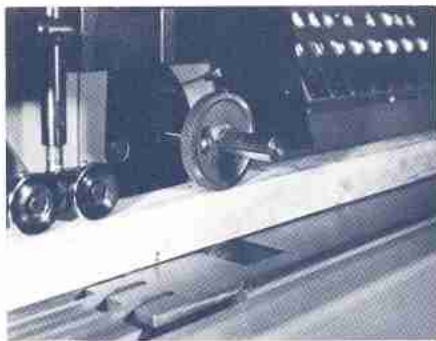


Art. 2057  
Throughfeed straightening moulder - Mod. "P18-P22"  
8 head.



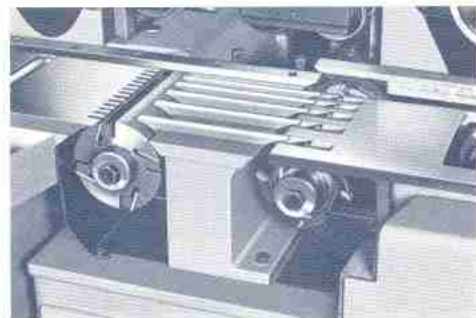
Art. 2058  
Throughfeed straightening moulder - Mod. "P18 - P22"  
6 head.



Feed by the PHT system



Universal spindle



Pre-planer

Technical data	P/18	P/22	
Width working	180	220	mm.
Height working	120	120	mm.
Speed spindle	6000	6000	rpm
Speed spindle (on request)	8300	8300	rpm
Speed of feed	5-40	5-40	m/min.
Motor	5,5/7,5/10	5,5/7,5/10	HP

## THROUGHFEED STRAIGHTENING MOULDER MOD. SCM P/18 - P/22 WITH PHT SYSTEM.

### Specifications:

PHT means Pure Horizontal Thrust.

Have a pure horizontal thrust in the draft system of a matching machine means to thrust the wood bars to be profiled, exactly in the ideal direction, among the tools, without causing "loads" in other directions.

This possibility has been applied with a mass system to the whole range of matching machines "P/18" - "P/22".

The draft system PHT is a simply realization, and consists of a motorized rollers couple, and upper and a lower one, which tighten the wood without thrusting it against the platen, and therefore without causing those vertical "loads" which are determining the increasing of the drags at the feeding.

The "P/18" - "P/22" adds thus, to the well-known advantages of constant pressing, those derived from the higher power of upper and lower rollers, and from the elimination of great part of the platen-wood friction; each draft point of the "P/18" - "P/22" is constituted by a PHT couple from before machining till after the last shaft.

This solution is determining in the manufacturing of stout pieces, which are to be straightened.

In fact, in this case, only a system like the PHT allows to keep a draft point before the machining begins, beyond and beneath without causing deformations, for its possibility to swing vertically.

A remarkable advantage is available also for those who wish to profile particularly resinous and damp wood, which mostly stick to the machine platen.

The PHT system helps to improve the surfaces finishing, as the bigger power of developed thrust comes together with a constant "lead", which means a constant picks number per mm.

An indirect possibility, but as much important, consists in saving wood.

Specially for frames producers, who mostly work on thin rods, the PHT system's power has allowed the drastic reducing of the draft rollers teeth height to limit the scratches on the wood surface and, consequently, its removal.

The feeding PHT system is certainly the most important and revolutionary prerogative of the "P/18" - "P/22"; there are, although, other technological solutions which are to be considered:

- Sectors preplane with grooved surface;
- Modular system SCM;
- High precision operator units;
- Centralized suction.