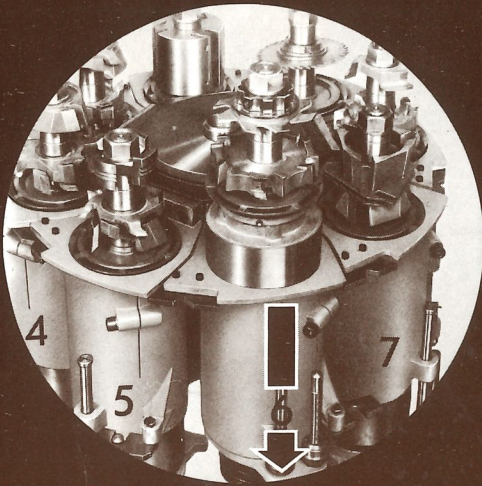
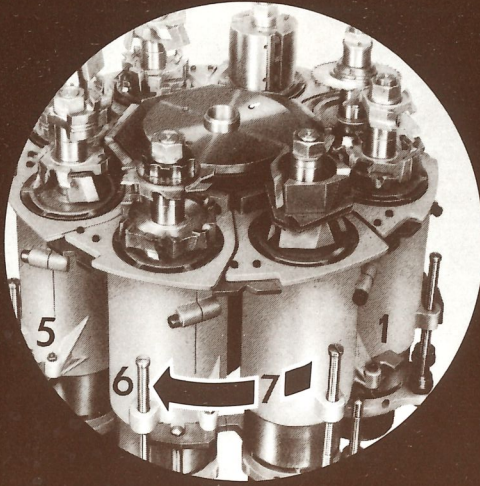
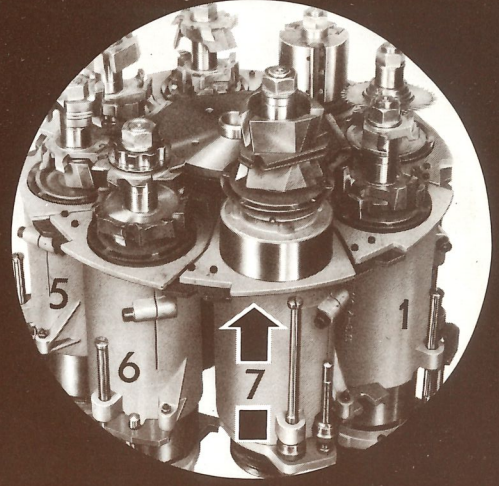


**HEMAG****R 191 & R 252**

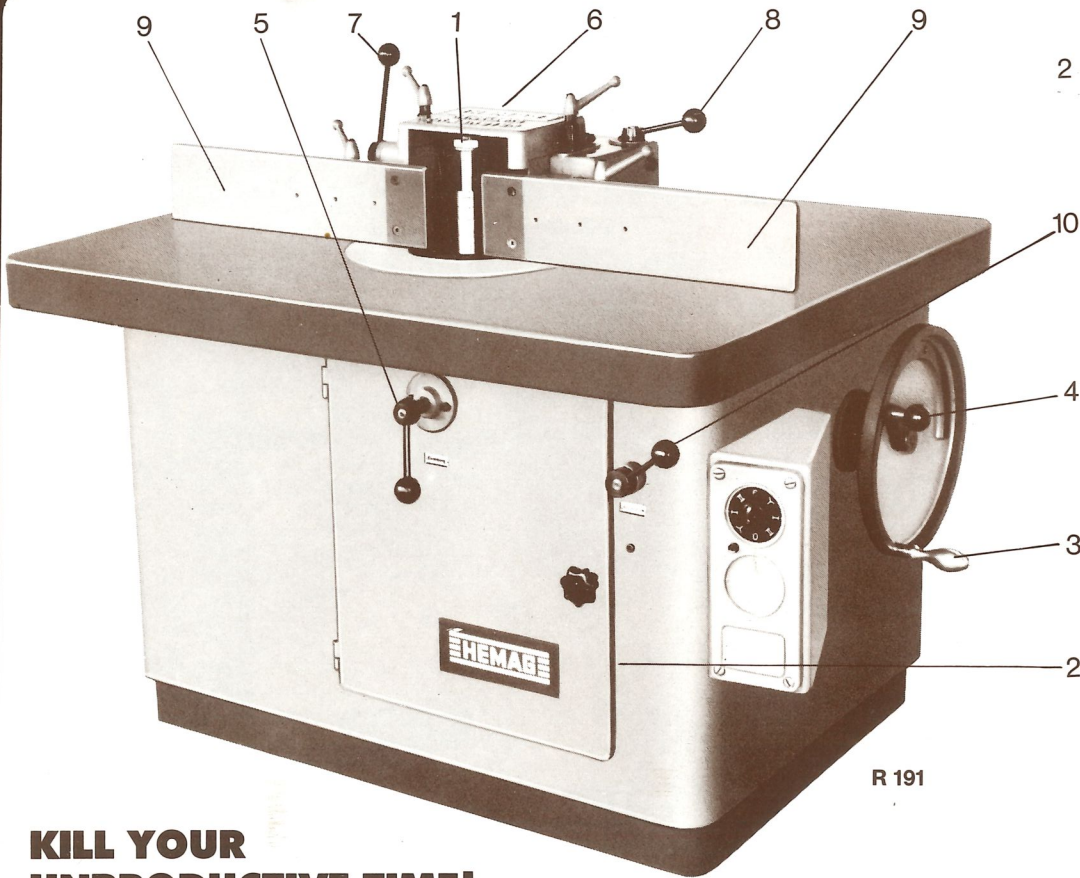
5 sec.



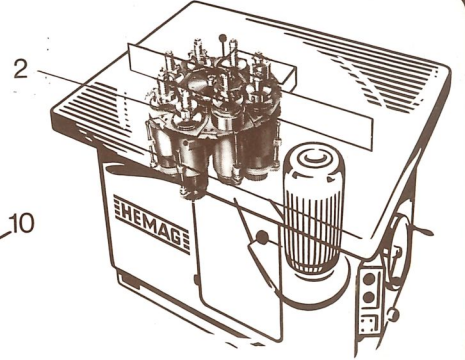
5 sec.



5 sec.



R 191



- 1 One of the 7 turret spindles
- 2 Built-in carousel
- 3 Handwheel for spindle
- 4 Speed selection lever
- 5 Spindle locking
- 6 16 stops for fence position
- 7 Lever for fence shifting
- 8 Depth adjustment (right guide)
- 9 Metal fence for precision
- 10 Brake

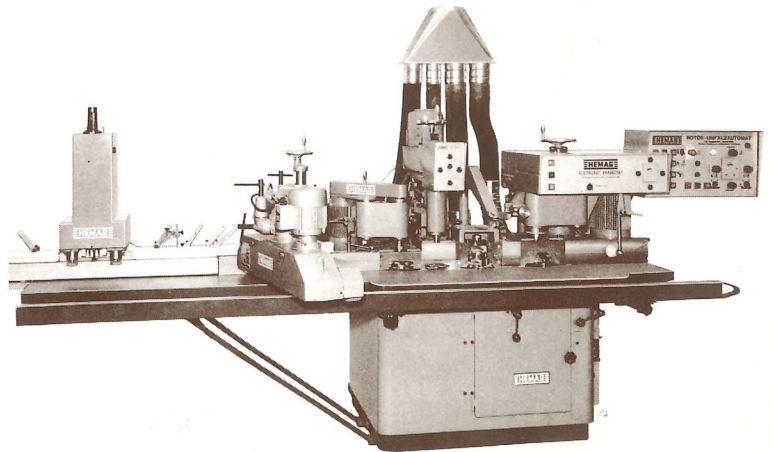
**KILL YOUR UNPRODUCTIVE TIME!**

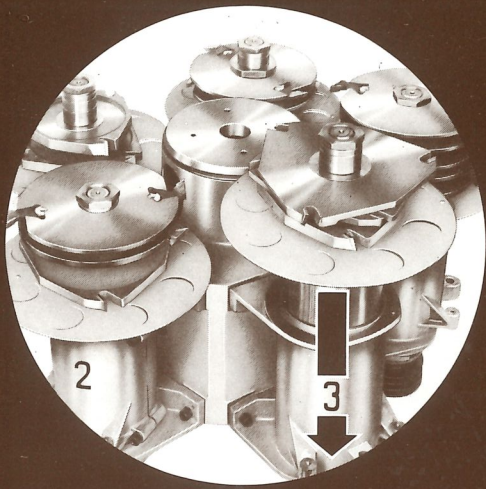
Eliminate any tool setting time, test cuts, adjustments and tolerances!

The HEMAG Rotor stores 14 or more stacked heads on its 7 turret spindles. Changing a head takes 15 seconds. So that's that.

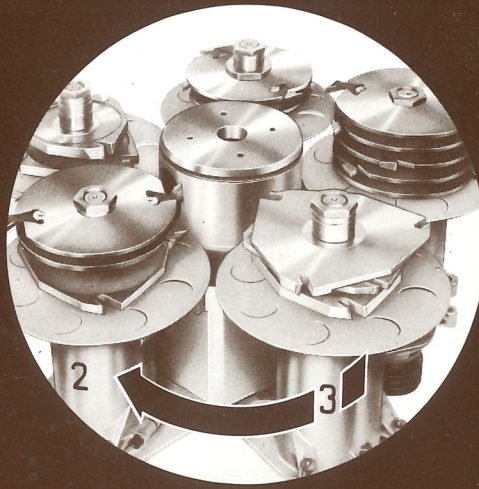
**SOME 1000 ENTHUSIASTIC USERS WOULD NEVER AGAIN BE WITHOUT IT!**

Below: HEMAG RUA type 191 with additional accessories for rebating assembled sashes.

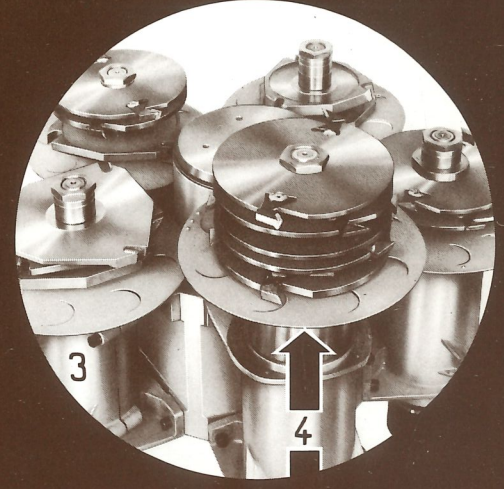


**HEMAG****ZR 351**

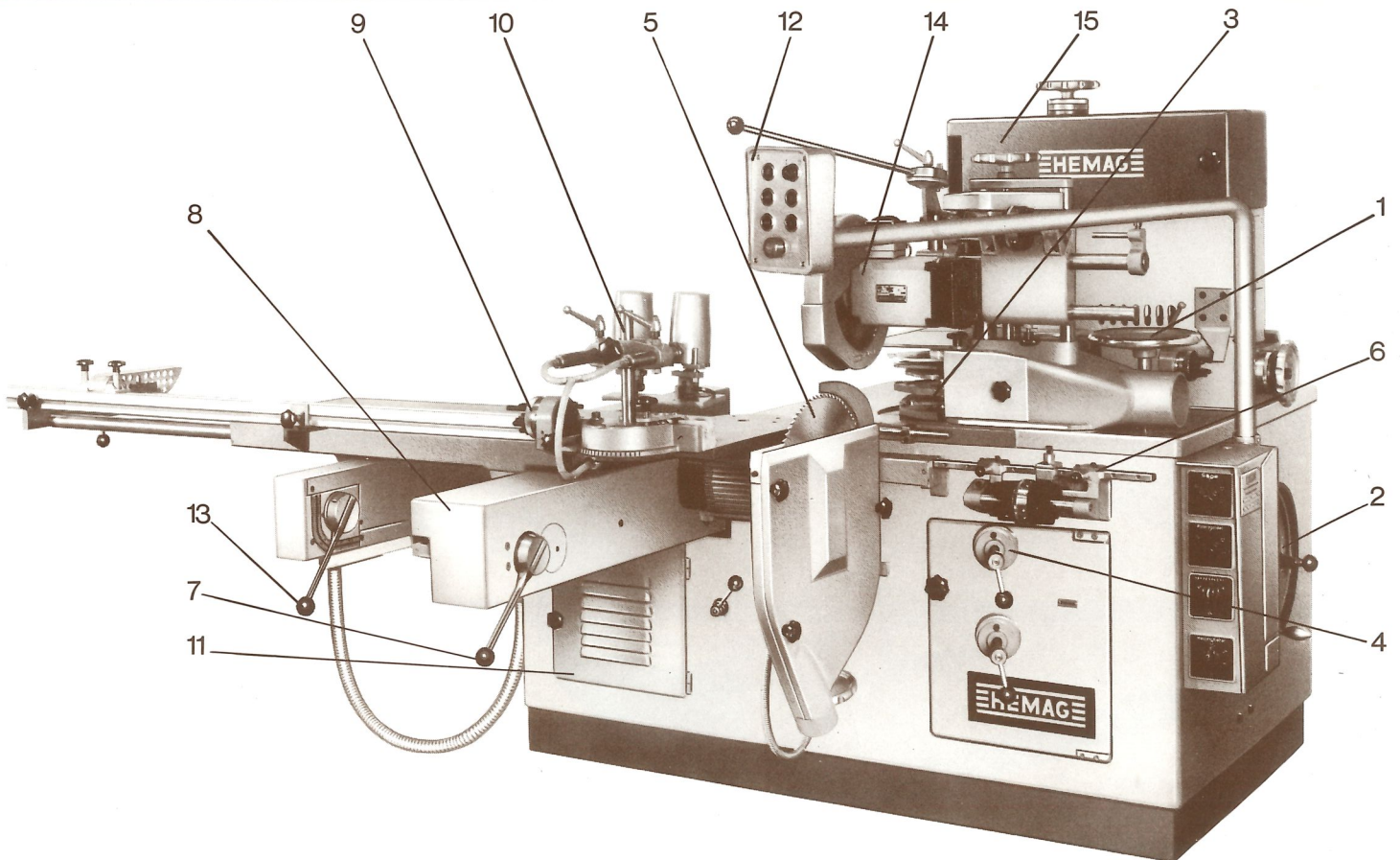
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5 sec.



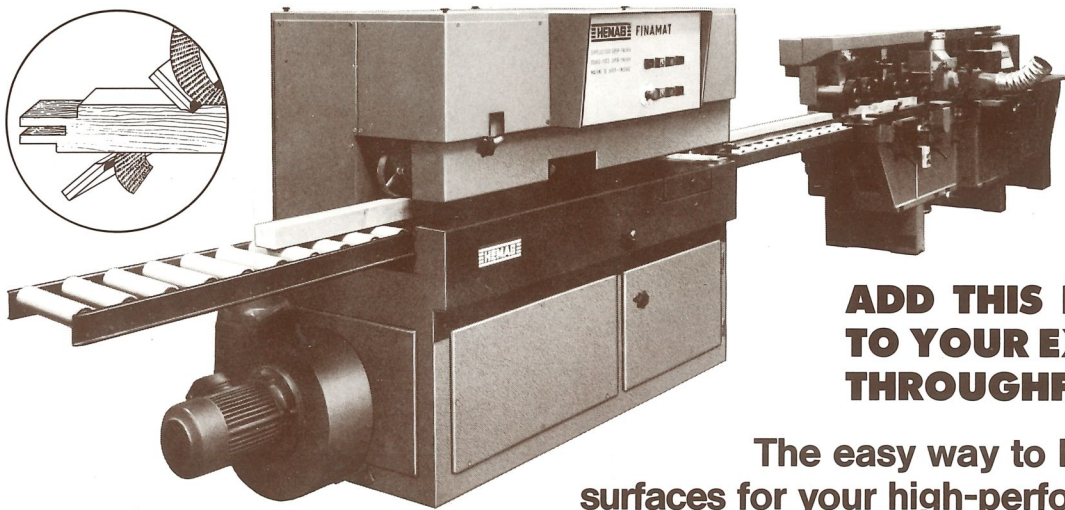
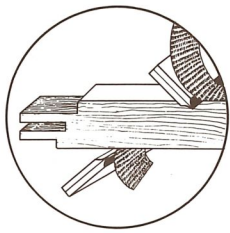
## FORGET ABOUT TOOL SETTING TIMES!

The HEMAG carousel-type tenoner stores 10 and more stacked banks of cutters on its 5 turret spindles.

All tool heights, tenon lengths and fence positions presettable with turret stops.

**THIS SUPER-TENONER CAN EVEN BEAT ORDINARY DOUBLE-ENDERS!**

- 1 Handwheel for carousel
- 2 Handwheel for spindle
- 3 2 stacked tools
- 4 Spindle locking
- 5 Cross-cut saw
- 6 24 stops for saw positions
- 7 Lever for saw shift
- 8 Hardened table tracks
- 9 16 stops for fence position
- 10 Work piece clamps
- 11 Automatic feed system
- 12 Control panel
- 13 Lever for feed variation
- 14 Top saw (option)
- 15 Mitreing unit for glass-beads (option)

**HEMAGE****FINAMAT**

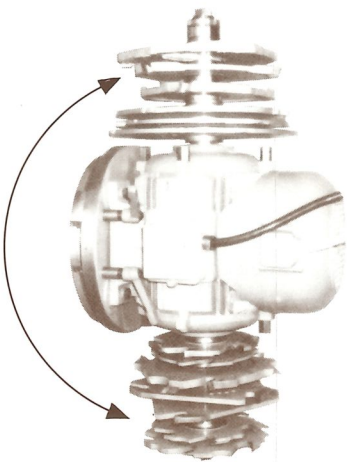
**ADD THIS FINISH PLANER  
TO YOUR EXISTING 4-SIDE  
THROUGHFEED MOULDER!**

The easy way to high-performance  
surfaces for your high-performance windows.

**HEMAGE****SA 400/6 & SA 400/12**

**DO AWAY WITH LIFTING HEAVY TOOLS!**

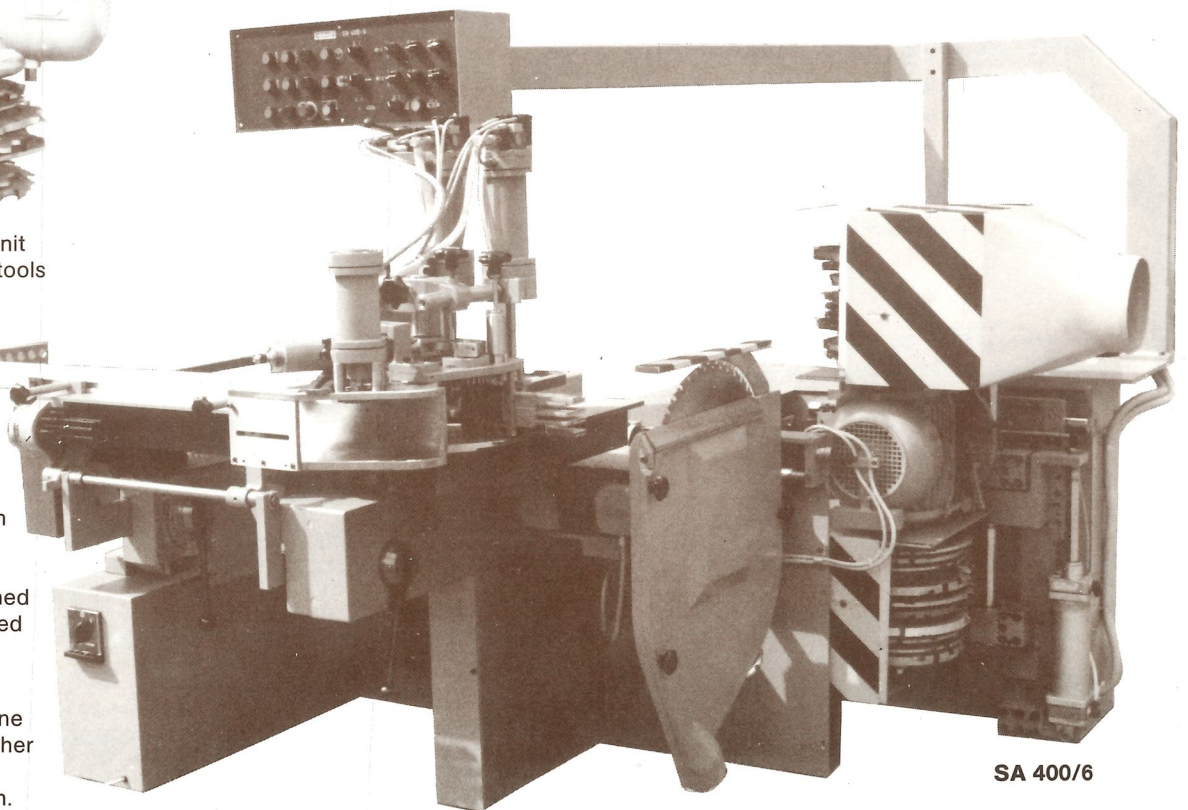
The tenoner SA 400/6 with 1 Duplo unit allows  
for 3 + 3 stacked tools. The change from frames  
to sashes is done by simply reversing the unit –  
simplicity itself!



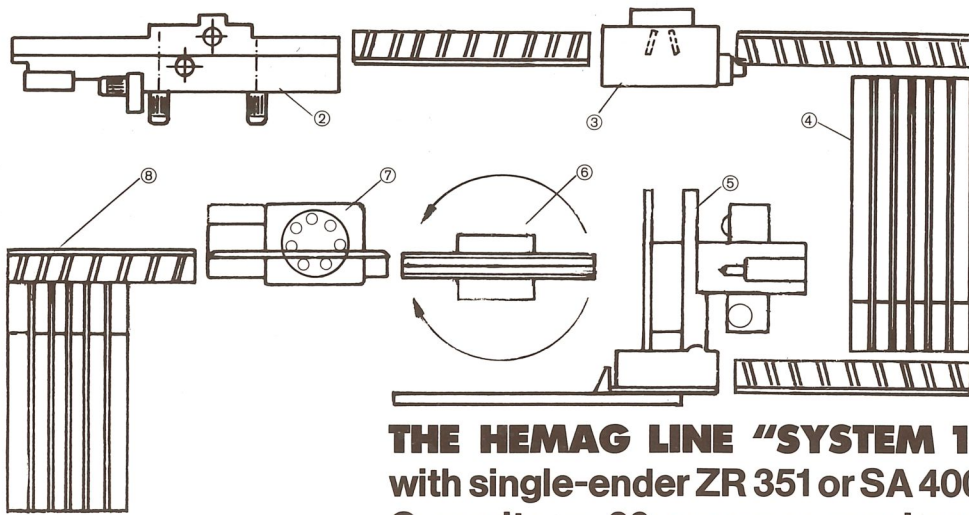
Duplo unit  
for 3 + 3 tools

The SA 400/12  
model is equipped with  
2 Duplo units, allowing  
for 6 tools without the  
reversing. The 6 attached  
backing pieces are fitted  
on a turret head.

After reversion of the  
Duplo units, the machine  
is already set for 6 further  
tools of a different  
window or door system.

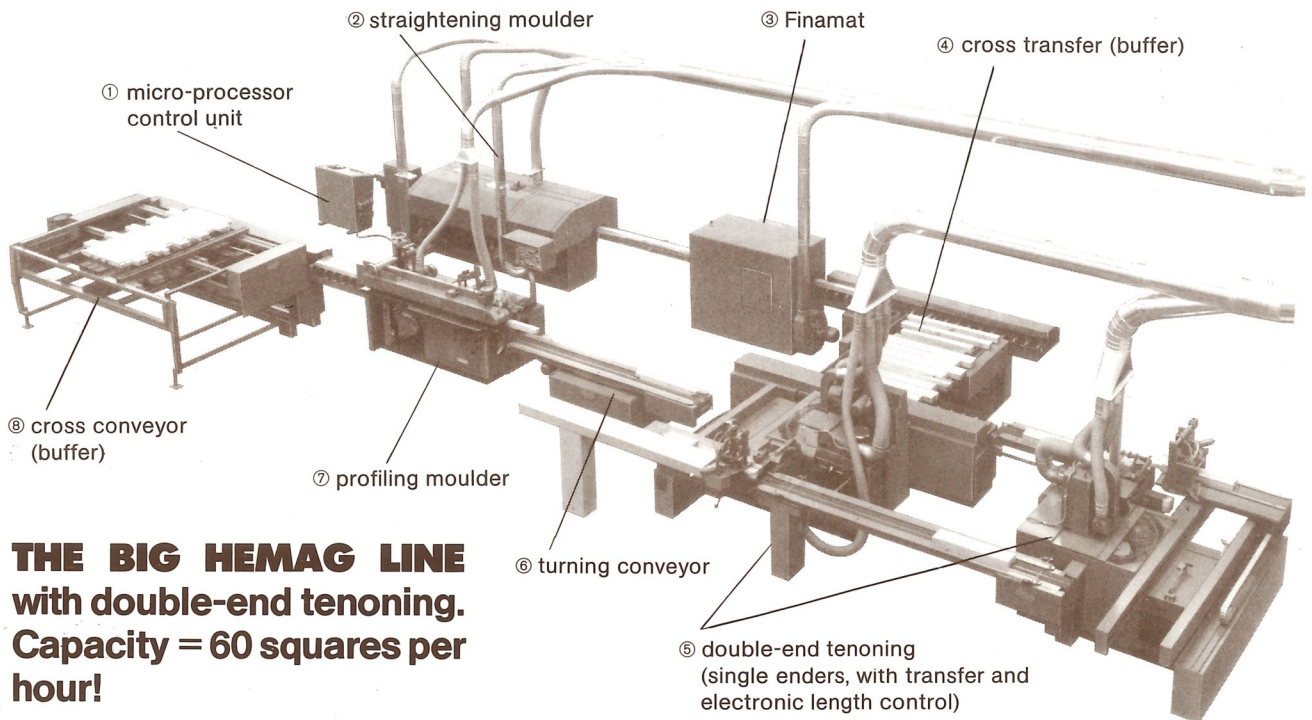


SA 400/6

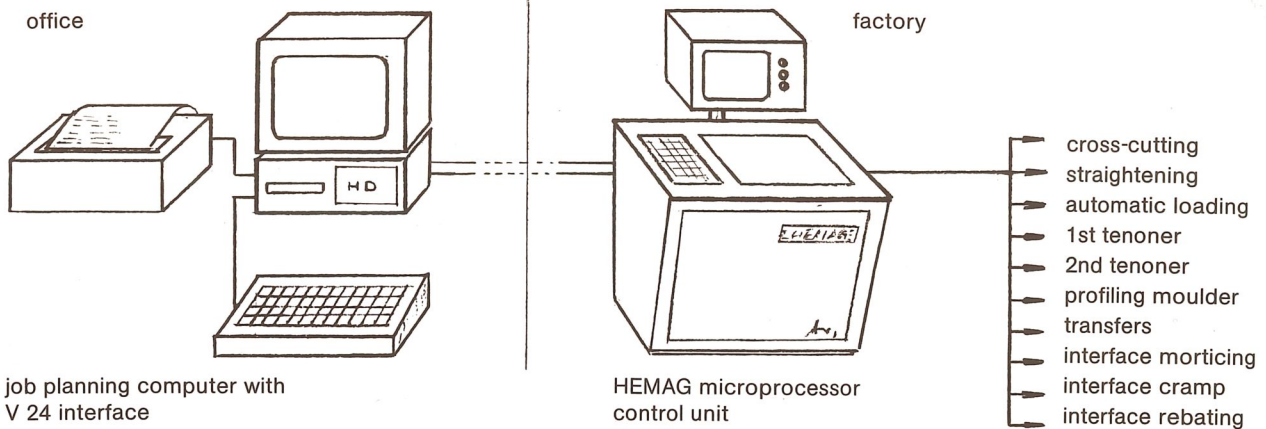


All HEMAG lines can be equipped with automatic mitreing and stapling of the glazing bead with the machining of sash elements.

**THE HEMAG LINE "SYSTEM 1"**  
 with single-ender ZR 351 or SA 400.  
 Capacity = 30 squares per hour!



**THE BIG HEMAG LINE**  
 with double-end tenoning.  
 Capacity = 60 squares per hour!



**DATA TRANSFER from job planning computer**



For further information, please contact:  
**HEMAG Maschinenbau** \* Langgarten 32  
 D-6900 Heidelberg 1 \* West Germany  
 Telephone: 06221 - 71002 \* 461-577 hemag-d