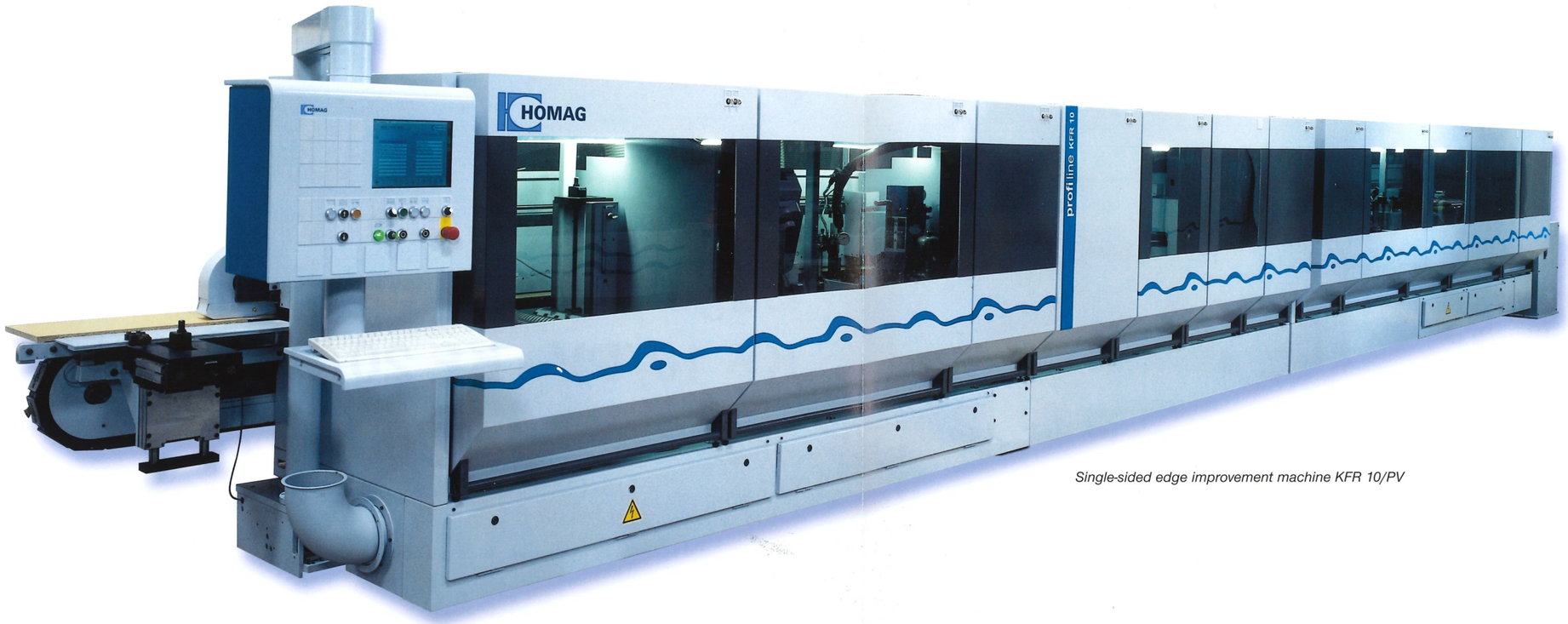
HOMAG

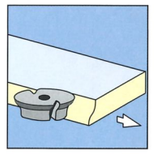
Edge improvement machines
KF 10/PV - KF 20/PV

Optimat | profi line | power line

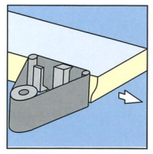
Edge improvement, panel finishing: Your passport to more profit!



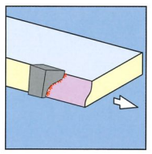
Single-sided edge improvement machine KFR 10/PV



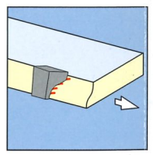
Trimming/profiling



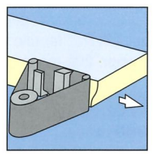
Sanding



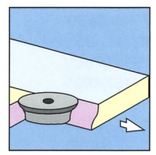
Applying the lacquer



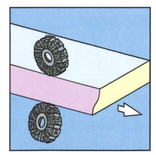
Drying



Sanding



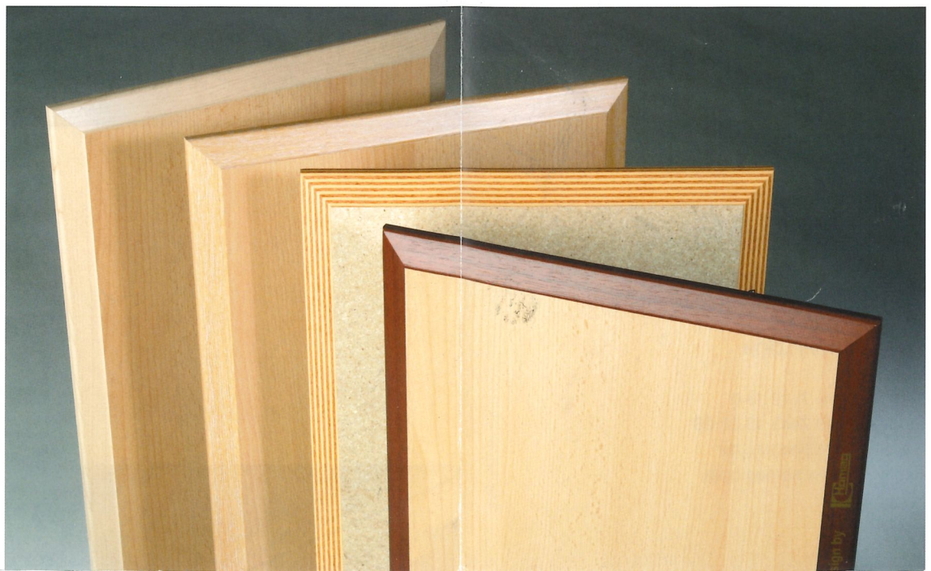
Transfer finish



Buffing

Treating chipboard edges with the Homag edge improvement machine produces a perfect, hardened edge surface capable of being coated in the same pass using the hot foiling technique.

Using the new edge improvement process, chipboard edges – particularly the sensitive corners – are improved using a special lacquer material to produce a high surface quality. Edge improvement is a technique developed by Homag which also allows softformed edges to be produced without the need for a finish processing stage. The patented technique allows four-sided processing of workpieces, including an impressively high processing standard in the corners. The result: A flawless, tidy edge with no joins which eliminates the need for any finish processing operation. The edge improvement process opens up scope for a whole range of applications.

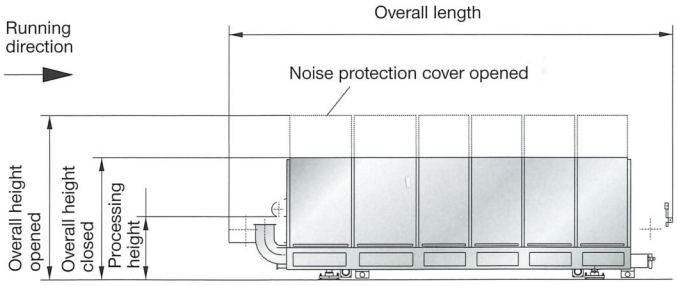


Profiled:
Even deep profiles can be trimmed for edge improvement.

Improved using a lacquer:
Once the chipboard pores are improved with a special lacquer, a tidy, smooth surface is produced.

Coated:
The smoothed surface is subsequently coated using the hot foiling technique, opening up unlimited scope for the edge design of your workpieces.

Specifications KF 10/PV – KF 20/PV



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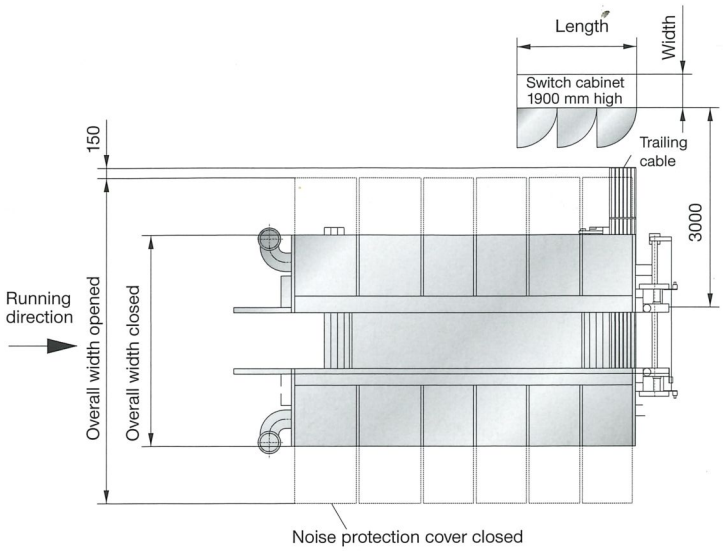

Machine dimensions

- Overall length mm — according to machine type
- Noise protection cover
  Overall width closed/opened — 2300/3830 mm — (90,551"/150,787")
  Overall height closed/opened — 1840/2480 mm — (72,441"/97,638")
  Working height — 950 mm — (37,401")

Processing dimensions

- Workpiece width
  min. double-sided — 240-270 mm — (9,449" - 10,630")
  max. double-sided — 1000/1500/ (39,37"/59,055"/
  2000/2500/ 78,74"/ 98,425"/
  3000/3500/ 118,11"/137,795"/
  4000 mm — 157,480")
- Workpiece thickness min. /max — 8 mm / 60 mm — (0,315") / (2,362")
- Workpiece overhang fixed — 40 mm — (1,575")
  optionally adjustable — 30 - 80 mm — (1,181" - 3,15")

Connected loads

- Operating voltage — 400 V
- Control voltage — 24 V
- Frequency — 50 Hz
- Static converter — Optional
- Switch cabinet — free-standing
- Total electrical connected load kW — depending on equipment
- Overall extraction output m³/h — depending on equipment
- Chip conveyor belt — optional
- Air flow rate — 28m/sec. — (91,863 ft.p.sec.)
- Compressed air consumption — depending on equipment
- Compressed air port — R1/2" female thread, supply line R1"
- Pressure loss — appr. 200 mm/WG — (7,874 in./w.g.)

Miscellaneous

- Steplessly adjustable feed — 10-40 m/min. — (32,808 - 131,233 ft.p.min.)
- Width adjustment speed/standard — 2,6 m/min. — (8,53 ft.p.min.)
- Machine with servo axis — max. 20 m/min. — (65,617 ft.p.min.)
- Dog spacing/standard — 1000 mm — (39,37")
- Dog height/standard — 11mm — (0,433")
- Option stepless dog height — up to 25 mm — (0,984")

Specification and photo details without commitment. We reserve the express right to make changes in the interests of progress.

A member of the Homag Group

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