



Sennerskov
Presser a/s



Sennerskov Hydraulic Presses

Since year 1943 approx. 5.000 hydraulic presses have been manufactured in the Sennerskov factory in Copenhagen, Denmark and installed worldwide.

In our manufacturing plant in Northern Europe, not only single hydraulic hot and cold presses are being supplied all over the world, but also complete production lines comprising additional machines such as:-

- *Panel-infeeder / brushcleaning / gluespreading / kniferoller-conveyor and infeedconveyors in front of the press and*
- *outfeed-conveyors and/or portalstackers after the press.*

Each single Sennerskov press is equipped with the patented all-welded 200 mm thick chamber pressplates of steel, ensuring a perfect temperature tolerance of $\pm 1^\circ$ centigrade all over the pressing surface.

Sennerskov Presser a/s also manufactures presses for the rubber, plastic and metallic industries.

For large, heavy presses a 20 Meters assembly hall incorporating a 115 tons capacity travelling crane is being used.

All new presses are built to order. Certain elder types of hydraulic presses (of own brand) are rebuilt to modern performance and sold from stock.

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The Sennerskov Chamberplatten® has proven its strength.

Apart from its great strength, the Chamberplatten has a number of further advantages compared with conventional drilled platens-:

1. Far greater strength:

The majority of the steel material is positioned at the upper and the lower side of the Chamberplatten. This is very sensible, since the largest stresses occur here, when the pressplaten is not loaded uniformly during the daily operation.

2. Better pressure distribution:

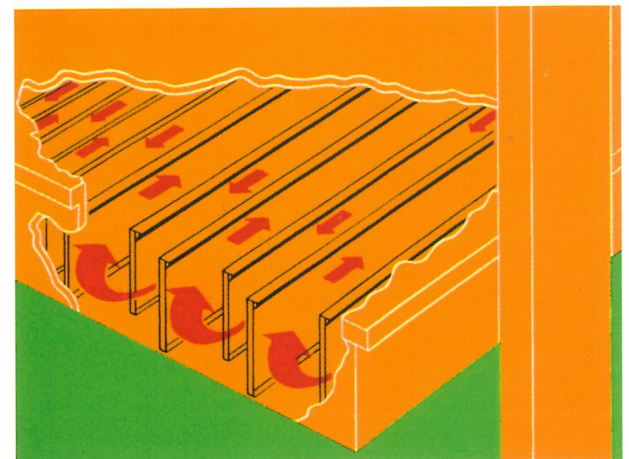
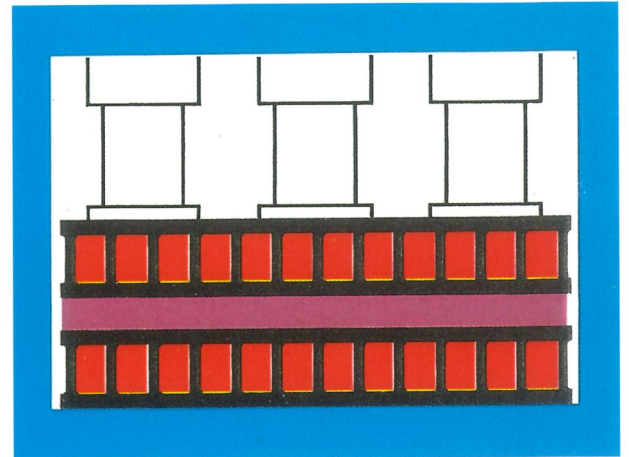
The special patented construction gives a very high resistance moment. The Chamberplatten itself acts as a pressure distribution beam/bolster, and remains level, even by asymmetrical loads.

3. Better heat distribution:

The large flow-through crosscut per channel of a Chamberplatten makes the Chamberplatten act as an accumulator, as it distributes evenly and generates new energy during use.

4. Better economy:

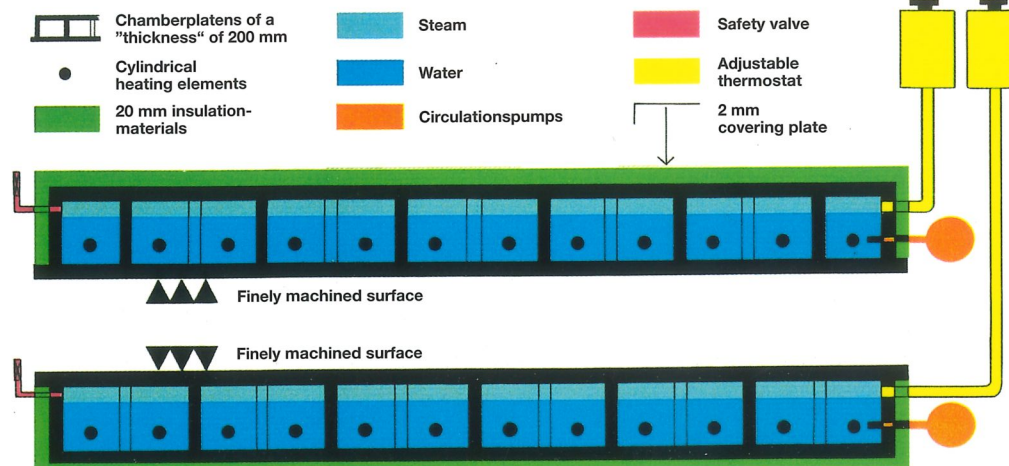
The channel volume is very large (compared with drilled platens) and the steel volume - which is heated up and passes on the heat - is relatively small. This, of course, gives a shorter heating-up time, faster transfer of the heat-energy to the workpieces, shorter pressing time.....and thereby higher production.



Special Sennerskov system for electrical heating:

The Sennerskov patented Chamberplatten are equally suitable for all types of heating media, from 0.2 atm. lowpressure up to say 30 atm. high-pressure with steamheating, hot water, superheated water, hot oil etc.

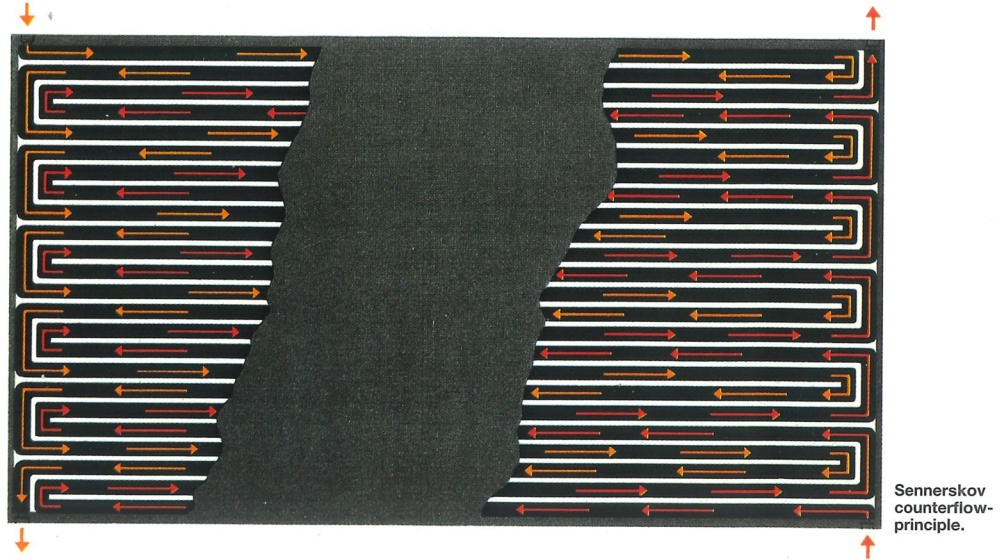
The Chamberplatten may also be equipped with built-in electrical heating. The special incorporated electrical resistance heating-elements combined with an effective thermostat-control give substantial savings on electricity consumption.



Chamberplaten with a double channel system in the counter-flow-principle ensures two further important advantages:-

1. Worktemperature at only $\pm 1^{\circ}\text{C}$..

With this extremely close temperature-tolerance all over the pressing surface, a high output in a perfect quality is ensured. Also in sensible productions of plasticlaminate, rejects, heating stripes, hotspots etc. are avoided.



2. Quick temperature changes:

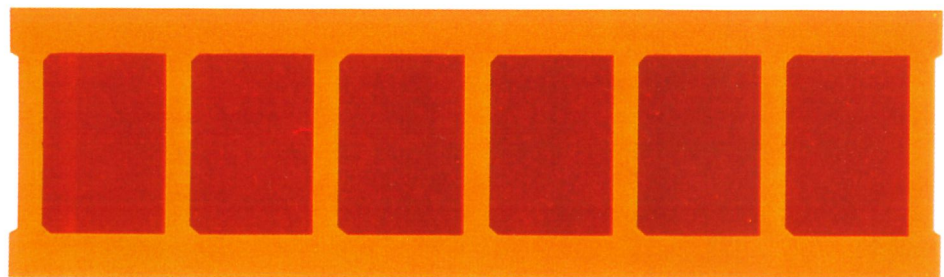
In heating/cooling processes the heating-up time and the cooling-down time is minimal, since the heatingmedia or the coolingmedia enter the Chamberplaten from the two diagonally positioned corners. The outlet-holes are positioned correspondingly in the other two diagonally placed corners.

The Sennerskov Chamberplaten is a fully-welded, patented construction with unsurpassed advantages:-

The most important advantage is the completely uniform temperature distribution from the entire platensurface. This is noted in the absolute top-quality of the pressed articles.

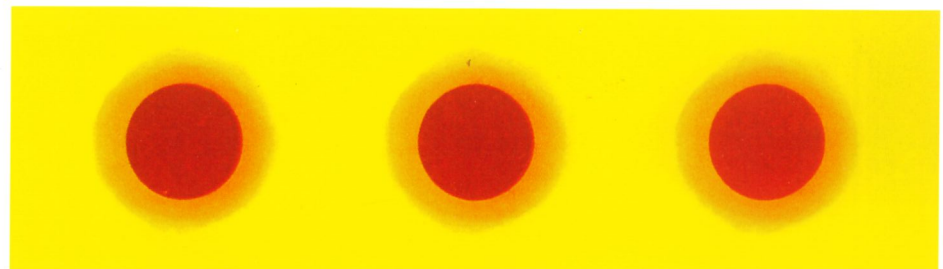
The Chamberplaten are manufactured in thicknesses ranging from 40-400 mm, and all characterized by a high bending-strength. The thickness of the front steelplaten and the distance between the single ribs are adjusted in accordance with the individual production, so that the deflection between the ribs will be maximum 0.01 mm. Obviously, each rib is fully welded top and bottom in its entire length to the two front steelplates.

The large internal volume of the Chamberplaten creates the condition for a superior uniform heatdistribution and minimum resistance towards the heating-media.



▲ Chamberplaten.

▼ Conventional drilled platen.

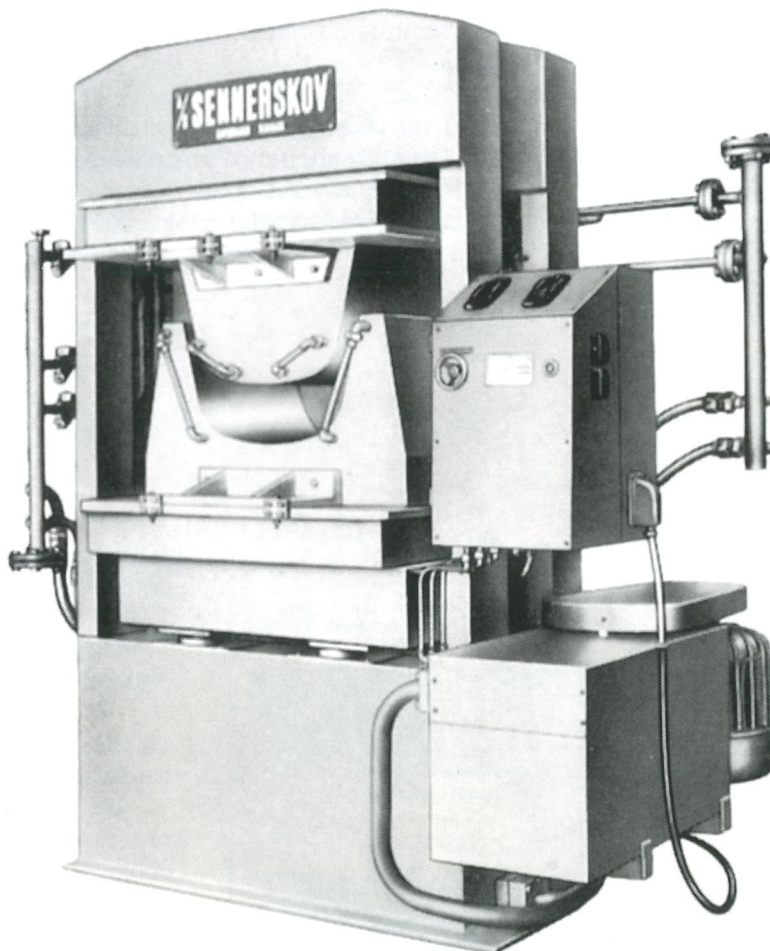
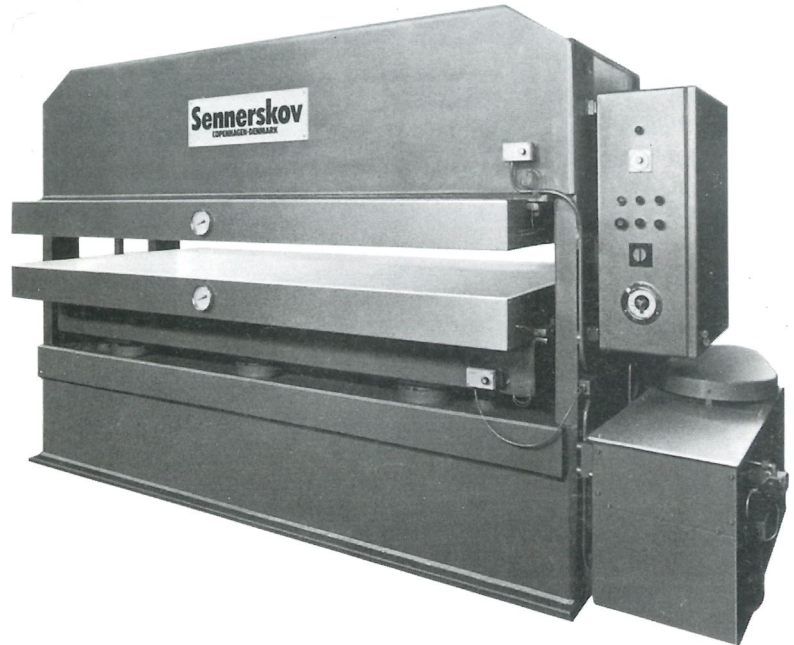


Presses for WOOD



Sennerskov

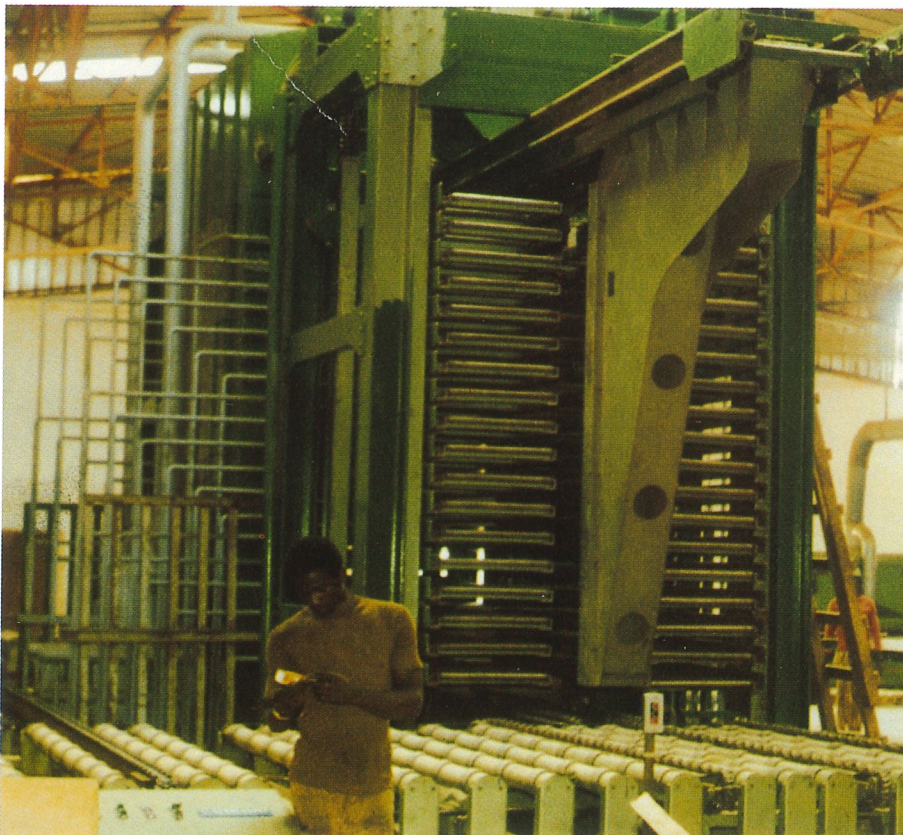
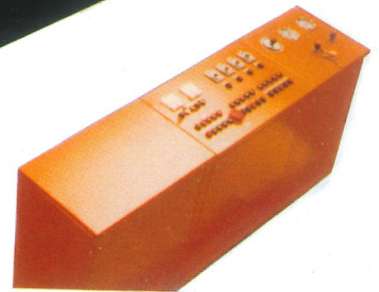
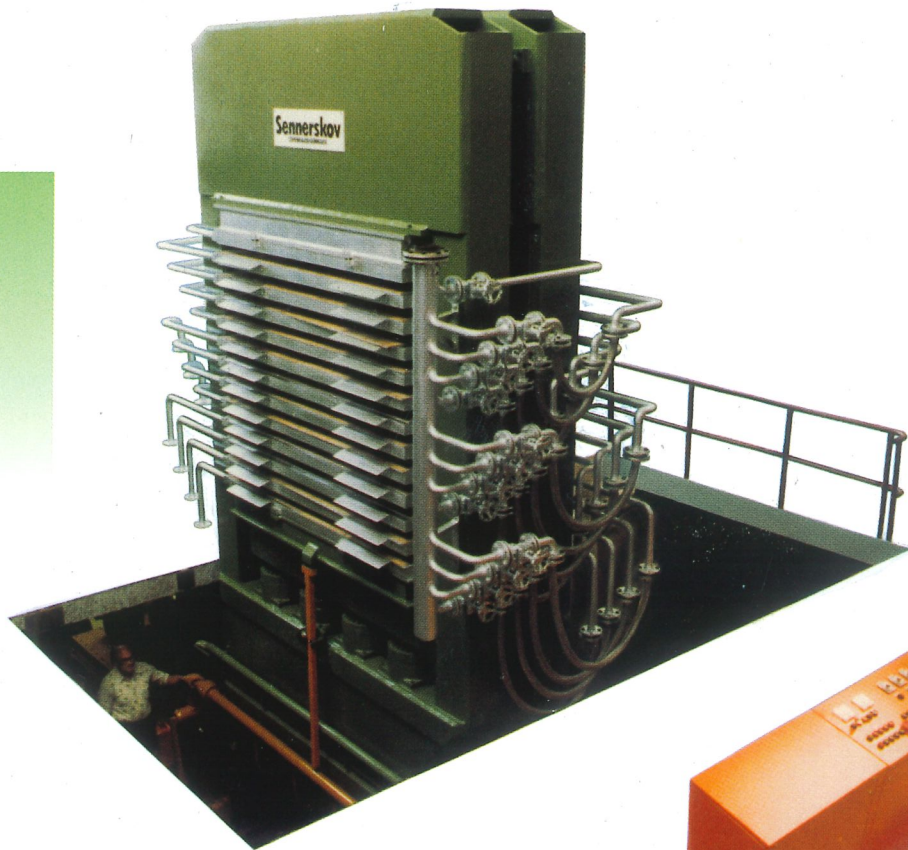
*Standard single-opening
sideloaded wood-veneering
hotpress (supplied in many
different sizes).*



*Single-opening moulding
hotpresses for various types
of mould-applications.*

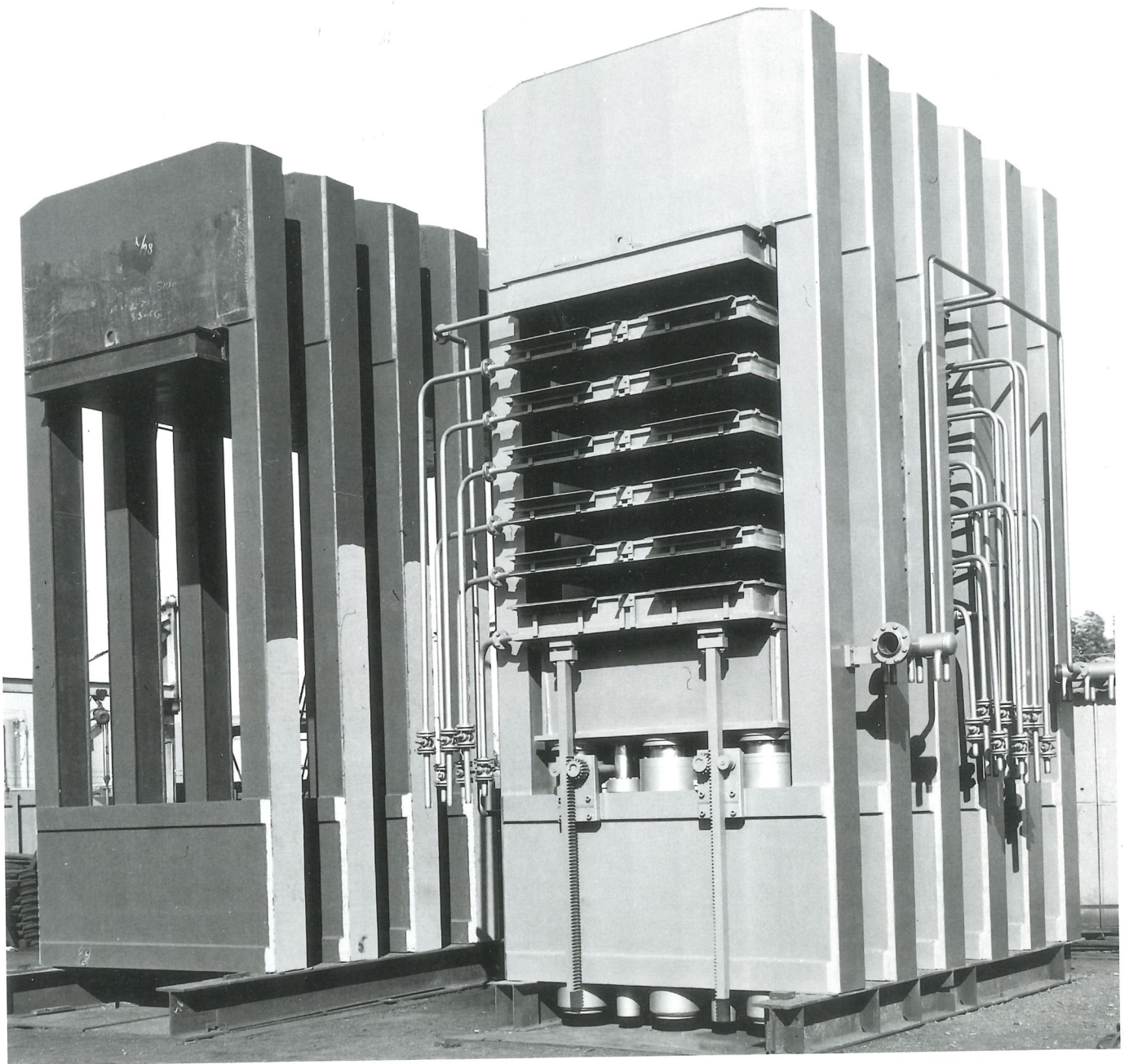
*12-opening upstroke high-pressure press.
Heating/cooling application.*

Total pressure 1000 tons.



*18-opening upstroke
Plywood press.*

Total pressure 1700 tons.



Multi-opening particleboard presses (produced in various sizes).

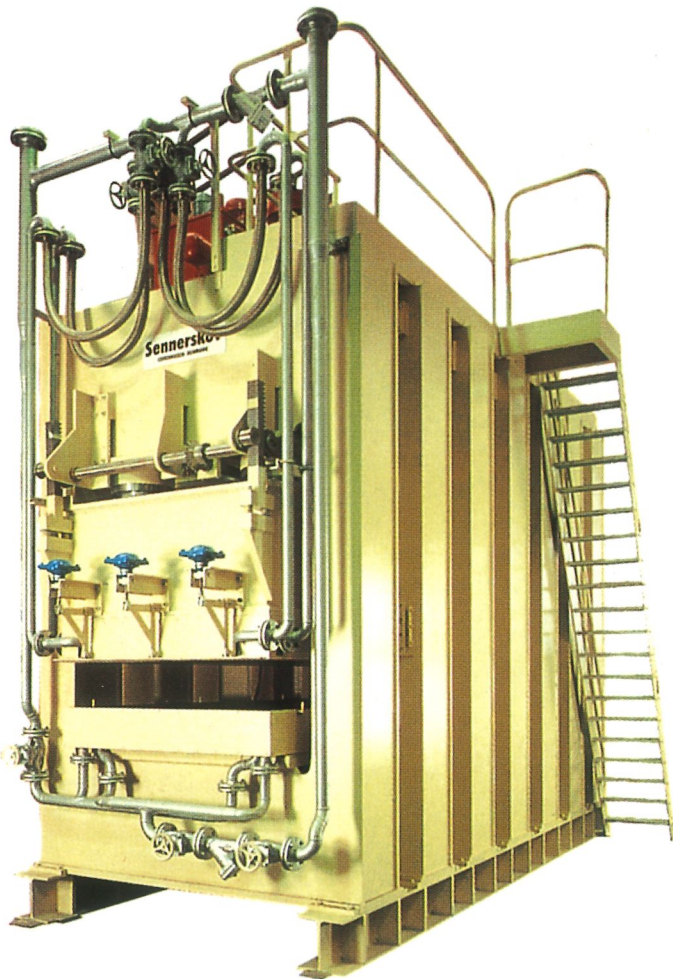
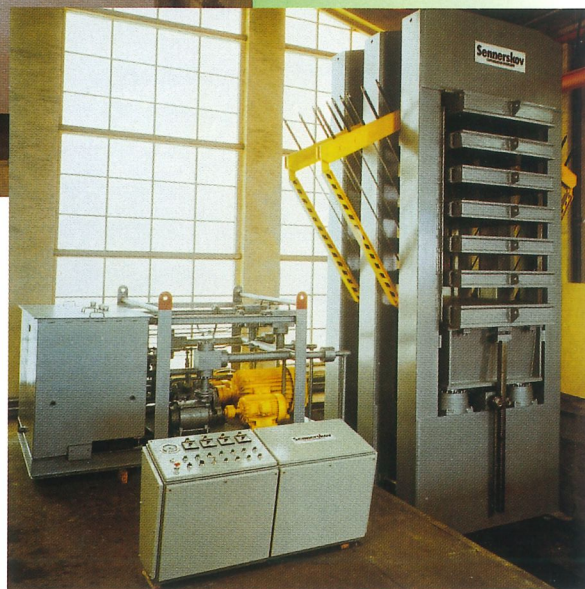
For boardsize 6' x 12'.



◀ **6-opening particleboard press with simultaneous closing system. Closed.**

For boardsize 4' x 8'.

6-opening particleboard press with simultaneous closing system. Open.



Single opening particleboard presses.

Press shown produces boards in size 4' x 16'.



*Melamine presses.
Press shown produces boards
in size 4' x 8'.*

*Automatic loading/unloading
not shown.*



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Complete pressline for melamine coated particle boards during test-run prior to shipment. Incorporating complete hot-oil heating plant.

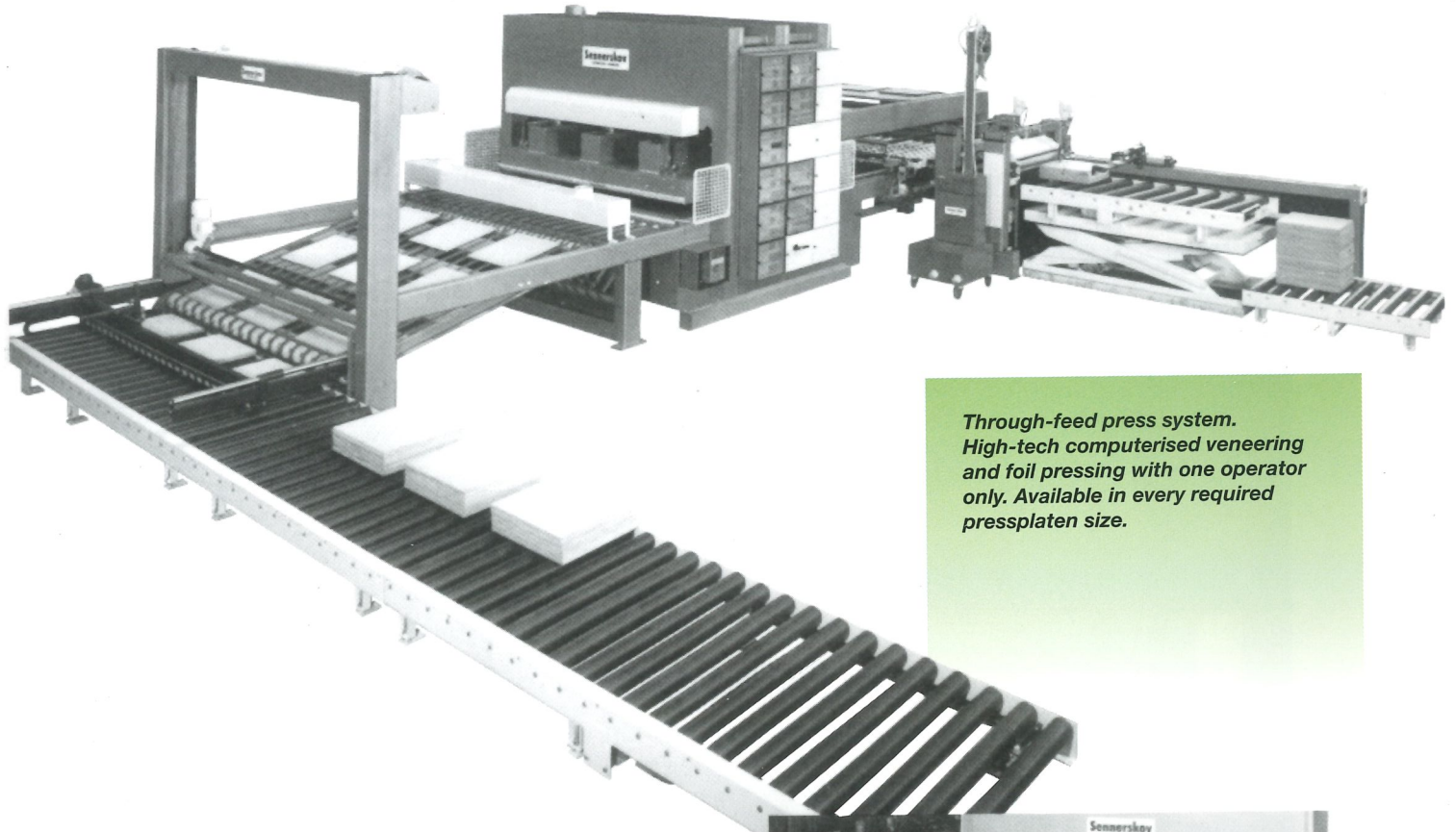
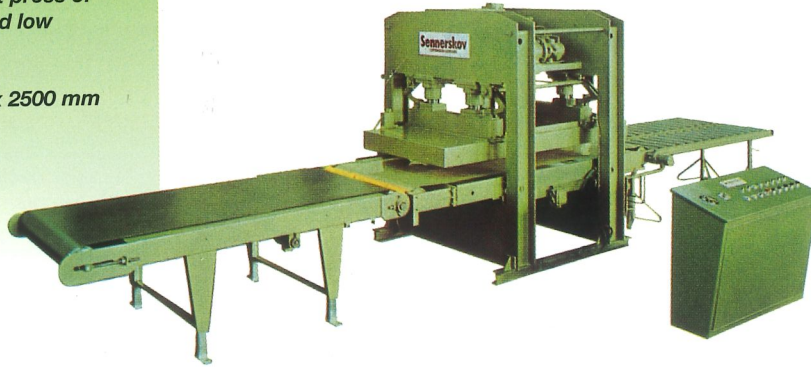
For boardsize 5' x 10'.



View of manufacturing of various multi-/single-opening presses.

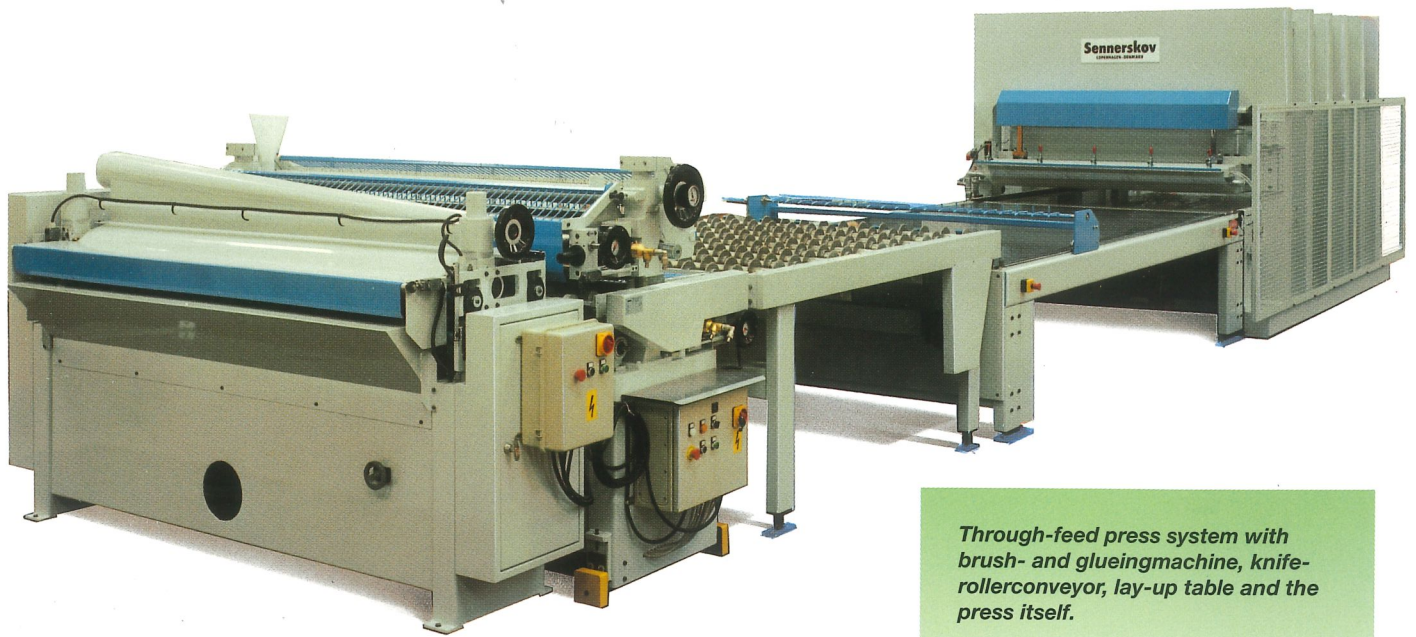
Through-feed low-budget press of uncomplicated design and low investment.

1100 x 2200 mm or 1300 x 2500 mm pressplattensize.



Through-feed press system. High-tech computerised veneering and foil pressing with one operator only. Available in every required pressplaten size.





Through-feed press system with brush- and glueingmachine, knife-rollerconveyor, lay-up table and the press itself.

Pressplatensize 2000 x 4100 mm.



High pressure press for parquet floorboards.

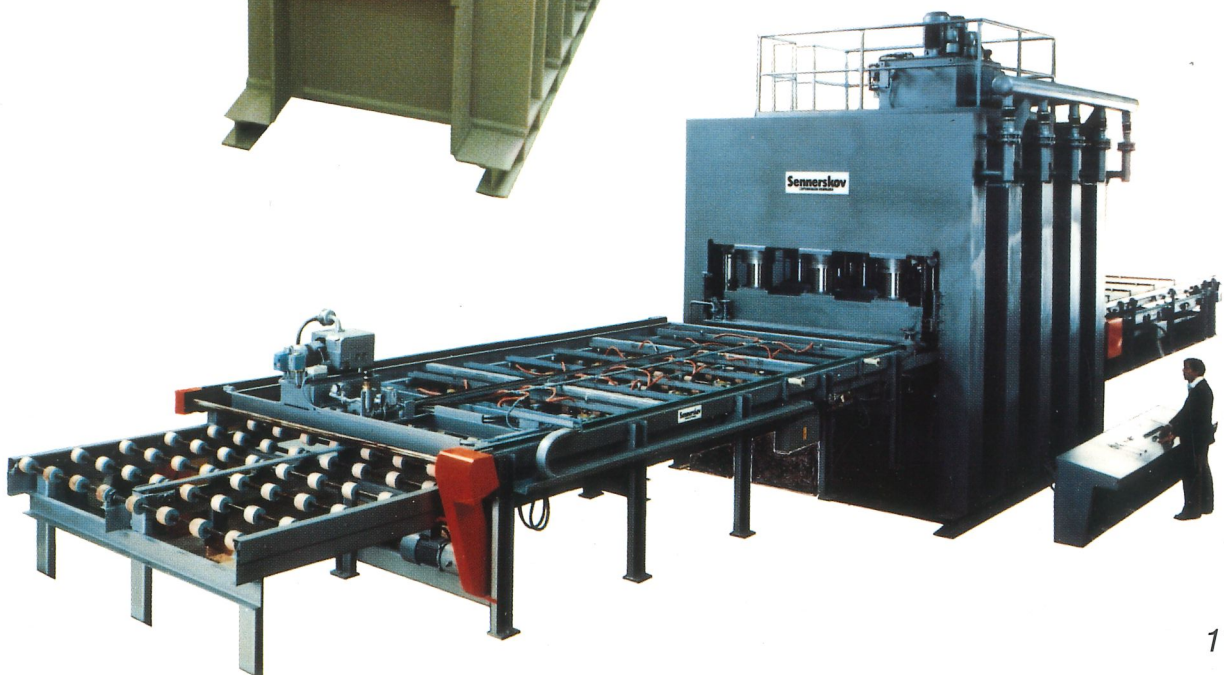
Pressplatensize 1300 x 5700 mm.

Total pressure 3500 tons.

"Foil" press with traybelt loader and vacumm unloader.

*Pressplatensize 2700 x 5700 mm.
Producing 4 each 8' x 4' panels/operation.*

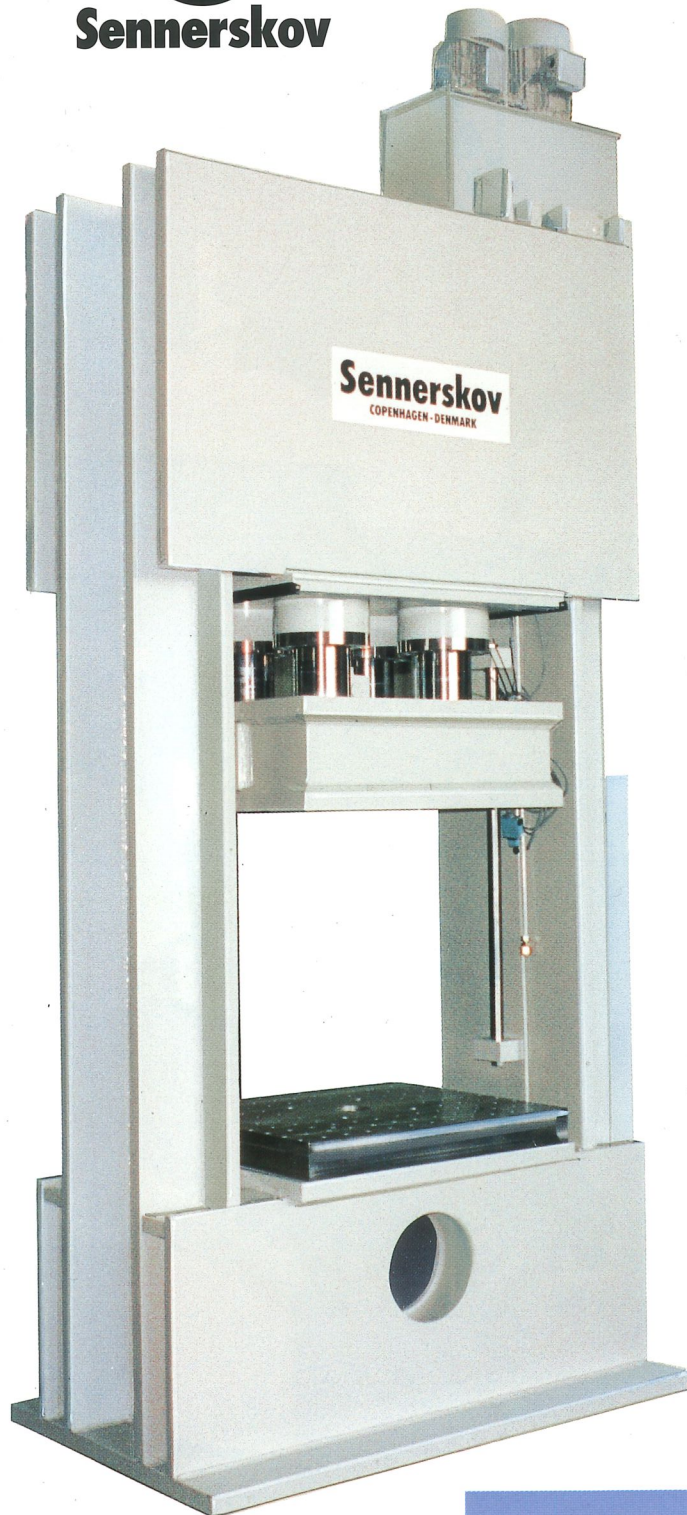
Total pressure 3000 tons.



Presses for PLASTIC

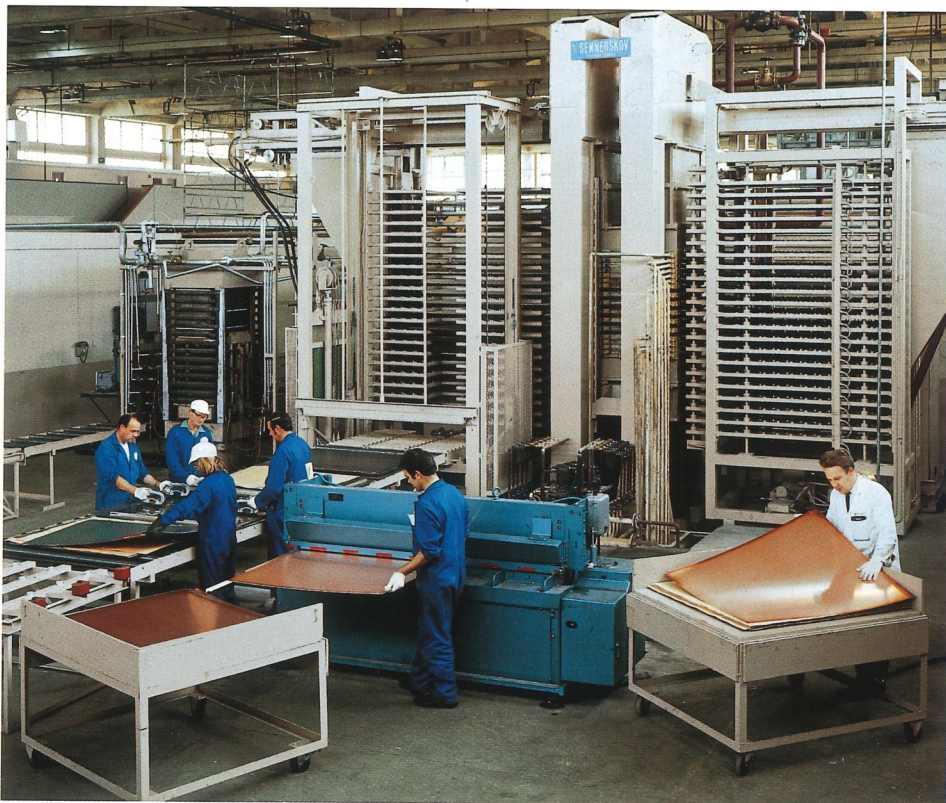


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*Single opening downstroke
coldpress for mould-applica-
tions.*

Total pressure 450 tons.



◀ *Upstroke multi-opening heating/cooling pressplant for copper clad boards.*

Single-opening downstroke hotpress for large size PUR-panels (shown press = 3 x 10 mtr.)



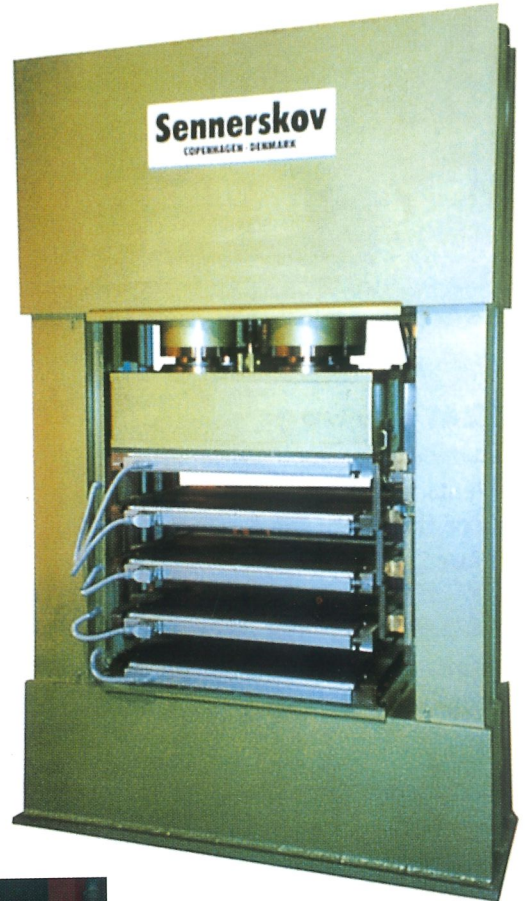
Presses for RUBBER



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*4-Opening press for rubber
incorporating electrically
heating of the pressplatens
in size of 930 x 600 mm.*

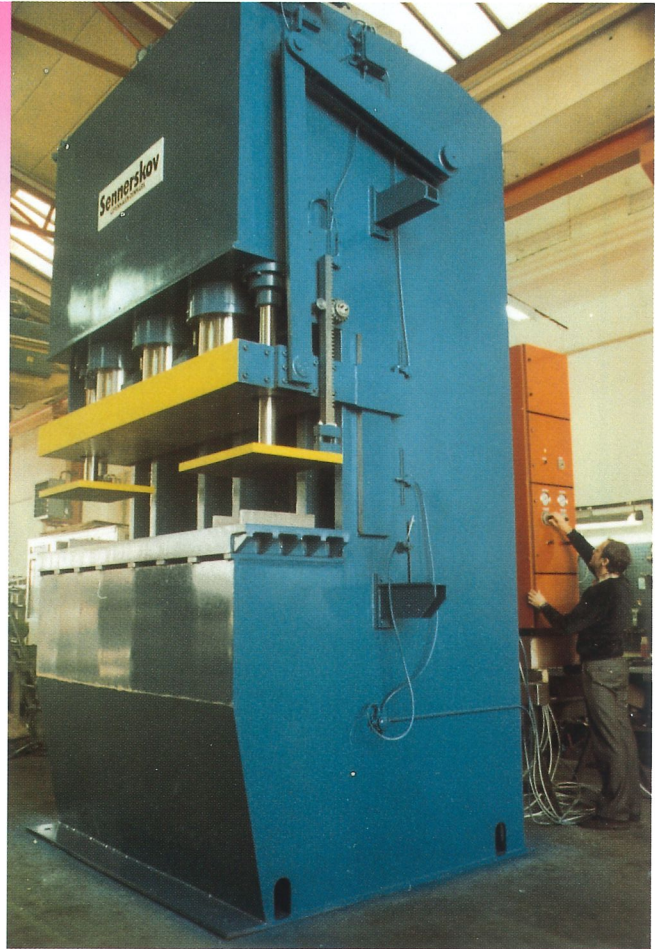
340 Tons pressure.



*Repair-press for endless
rubber belts.*

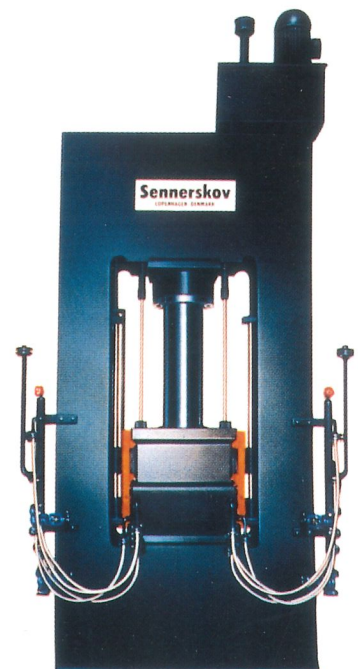
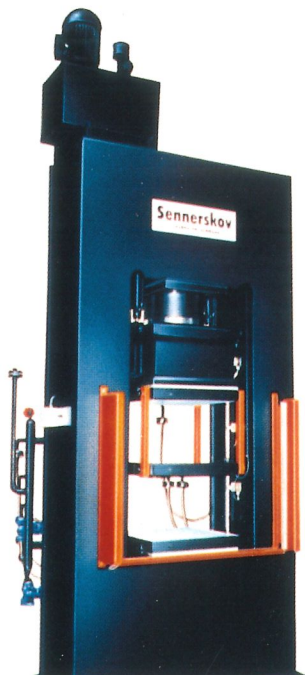
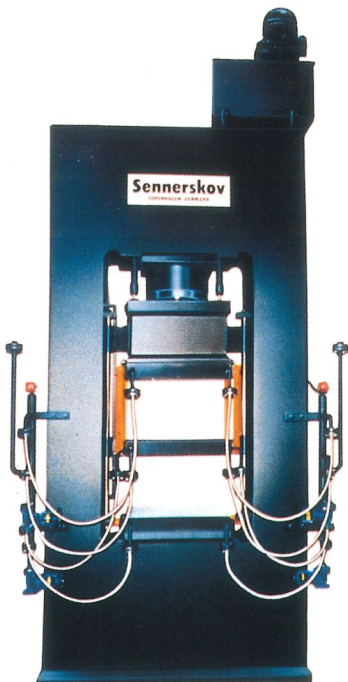
*Heavy duty production press
for rubber belts.*

Total pressure 600 tons.



*2-opening downstroke
rubber moulding hot-press.*

Total pressure 200 tons.



Presses for METAL



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Downstroke cold press for steel, with shock absorbers + electronic preselection of strokes + photoelectric guards.

Total pressure 400 tons.



Hydraulic blanking press with shock absorbers and electronic preselection of strokes.



Downstroke cold press for aluminum moulding (during installation).

Total pressure 340 tons.

SPECIAL-PRESSES

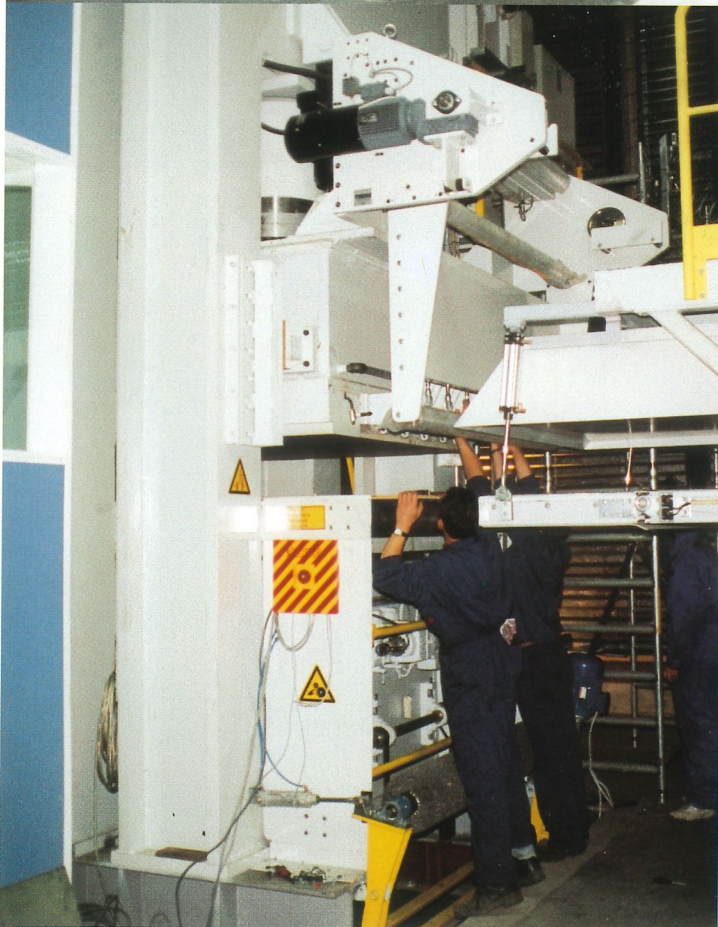
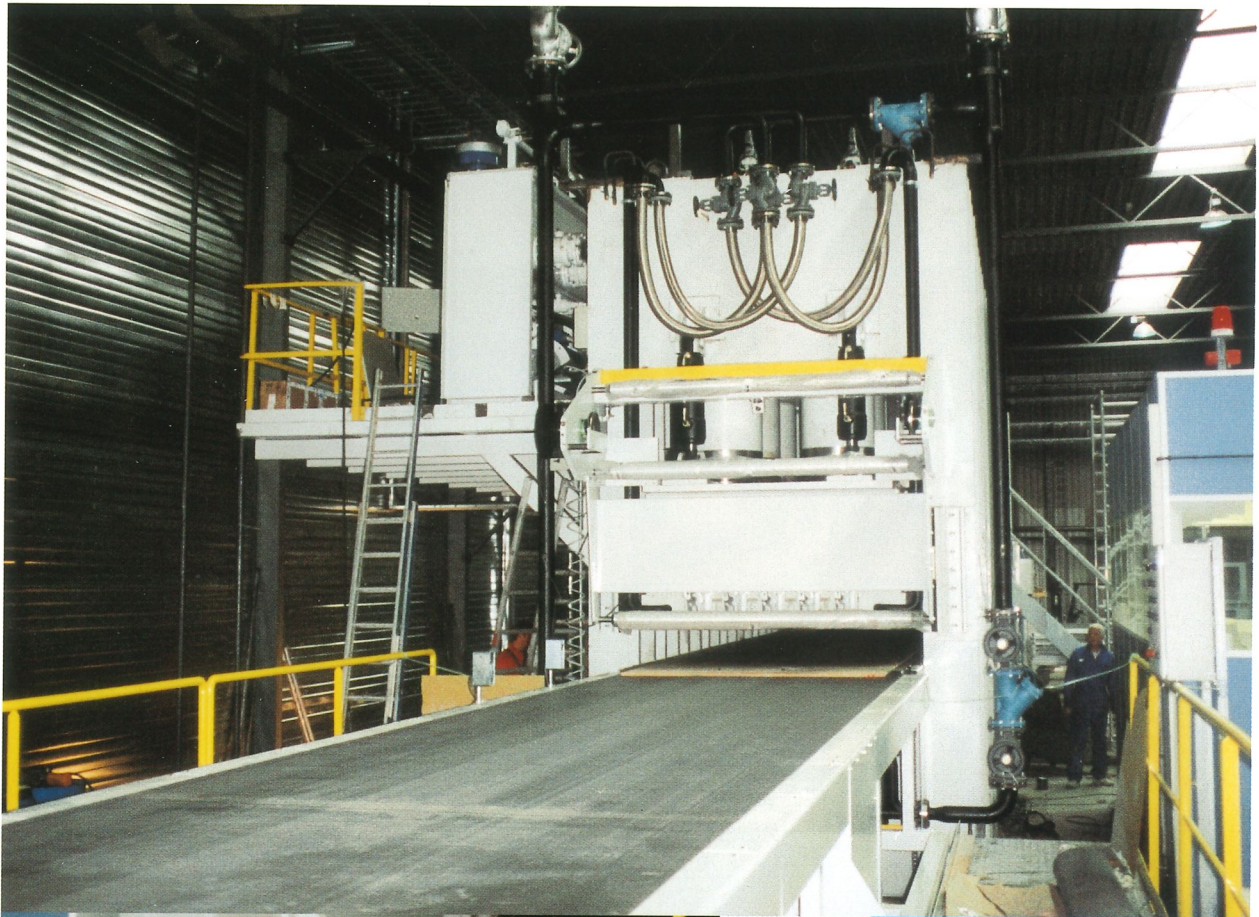


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Laboratory hot-press.

(Supplied in many different executions).

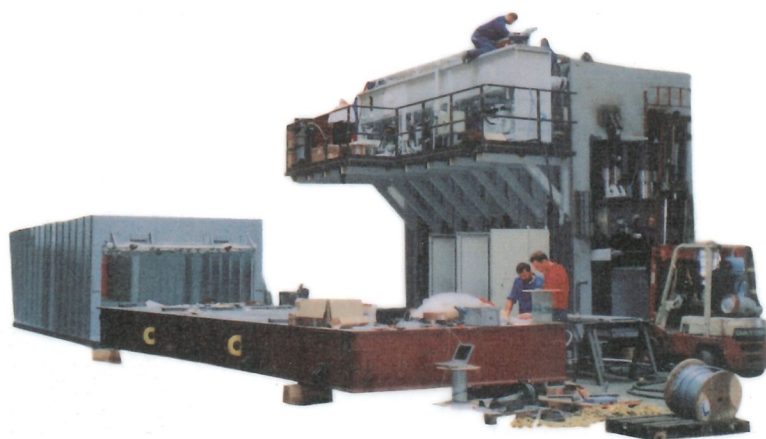


*Infeed-end of hot press for
special building/insulation
boards.*

Total pressure 6000 tons.

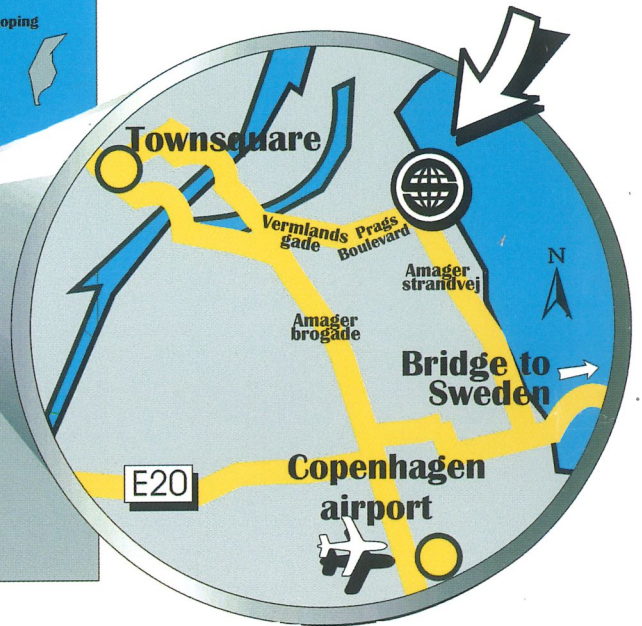
*Outfeed-end of hot press for
special building/insulation
boards (during installation).*





*Presslines during
manufacturing in
our 20 meter high
assembly hall.*

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