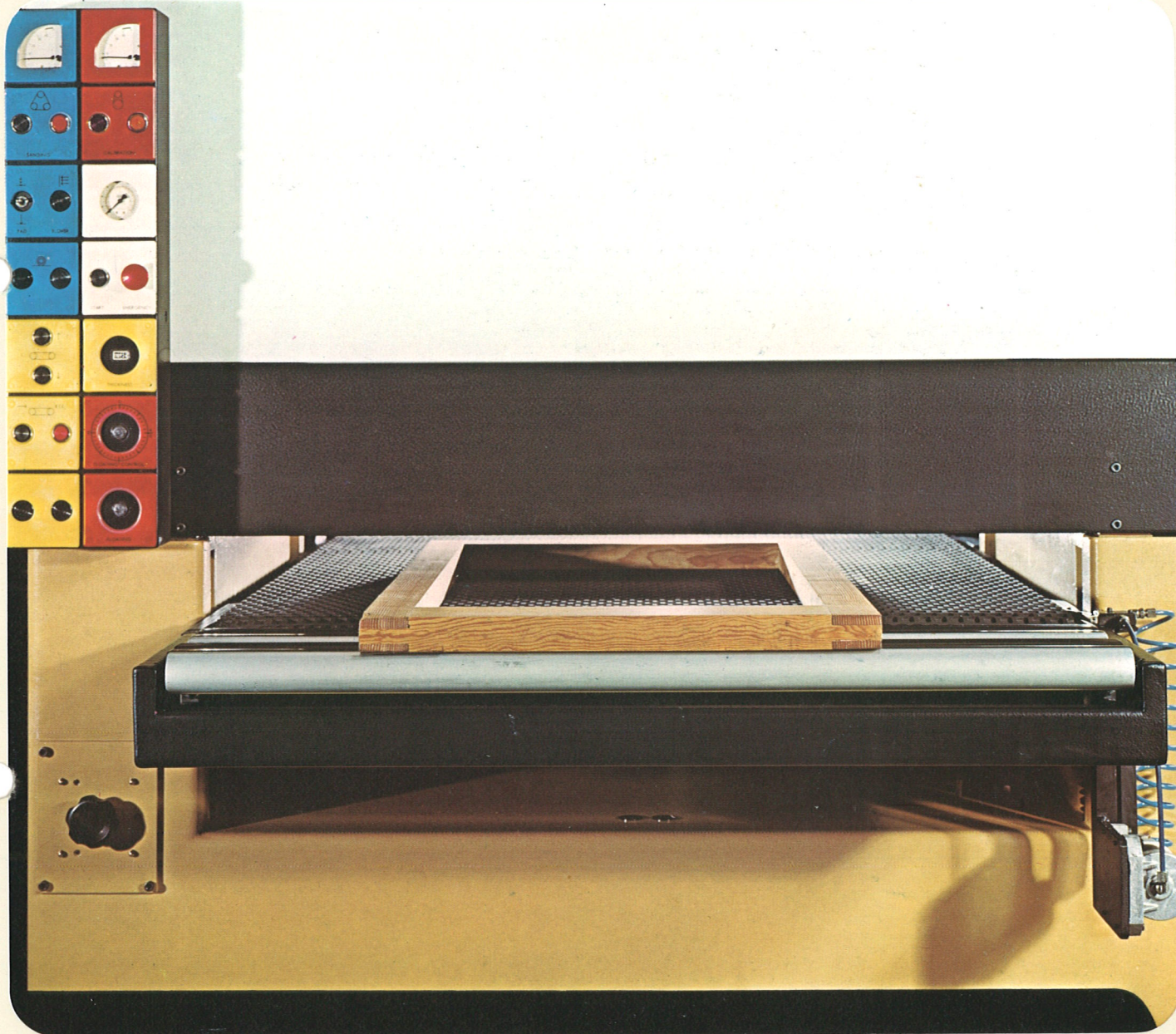


CL 110 TWIN OVERHEAD WIDE BELT SANDER



CL110 TWIN OVERHEAD WIDE BELT SANDER



CL 110 Calibrating - Finishing Sander.

The CL 110 is the ideal calibrating-finishing sander for joineries and small-medium sized industries for its simplicity and versatility. Although it is particularly suitable for machining rough and solid wood, as well as veneer, particle board and core panels, it can also be used for finish sanding of lacquer coated panels.

The rational compact design, fruit of attentive ergonomic study, and the colour scheme adopted, perfectly harmonize the CL 110 with its surroundings.

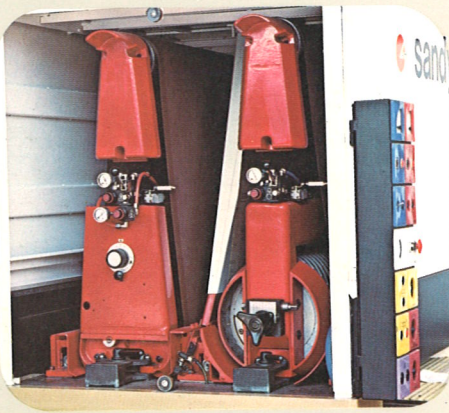
EASY TO USE



Practical controls.

The control board is characterized by the differently coloured groups chosen to enable an immediate identification and visive control of all the operating and regulation devices.

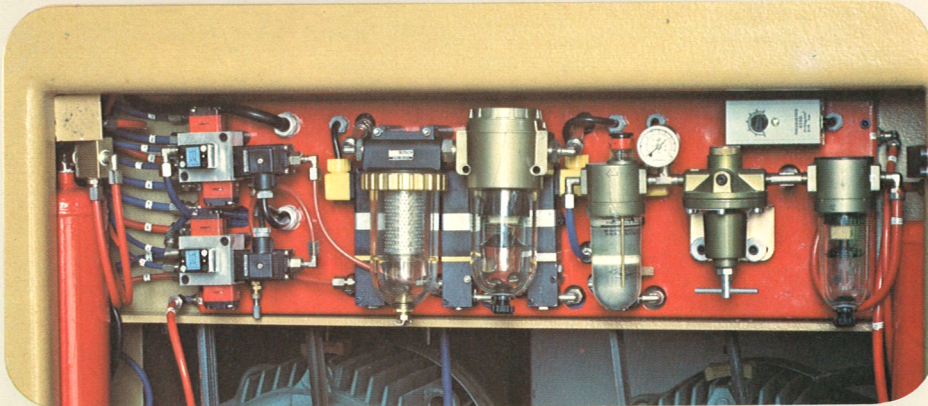
- Besides this the CL110 is standardly equipped with:
- a digital indicator for easy and accurate control of working table height
 - a pressure gauge for rapid control of working pressure
 - amperometers enabling easy control of main motor loads shown by amperometric indicator.



Easy to set up.

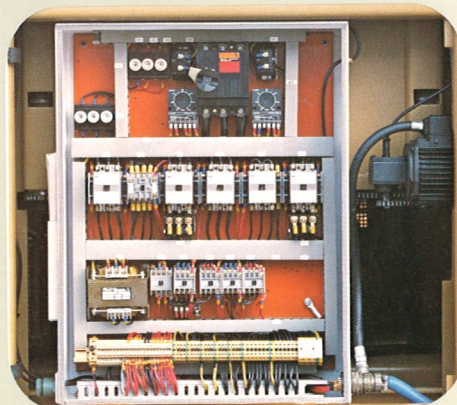
Group adjustment is made easier in the CL110 by:

- pressure gauges which show working pressure and abrasive belt tension
- rational and practical hand grips with graduated scale for roller and pad regulation
- specially designed belt insertion guide ways plus simple blocking of groups help to reduce replacement times.



Increased versatility.

Various executions can be obtained from the basic structure of the CL 110 in order to meet customer request, enabling machine to be supplied to suit user working requirements.

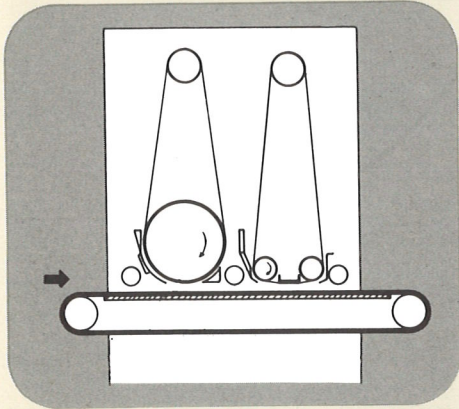


Increased operating safety.

The CL 110 is equipped with overload switch protection to protect the calibrating and sanding group electric motors from overload or operating errors.

The CL110 is also fitted with safety devices ensuring the automatic intervention of the pneumatic brakes in the event of belt breakage or loss of air pressure.

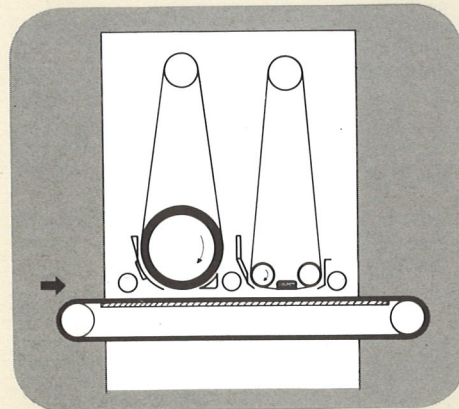
INCREASED WORKING POSSIBILITIES



CL 110: for calibrating and sanding solid wood, chipboard, frames and veneer panels.

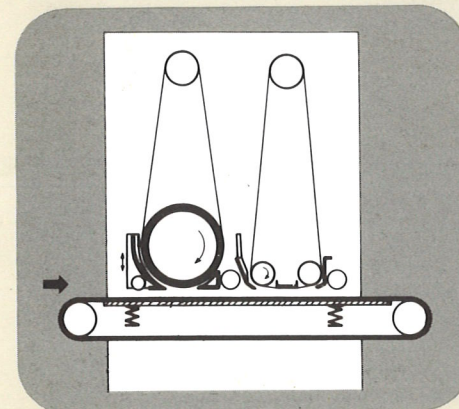
Basic version of the CL110 calibrates and sands solid wood, veneer panels, frames and chipboard. The machine is made up as follows:

- Calibrating group with steel roller
- A finishing sanding group with semi-stiff and stiff pads synchronized with speed adjustment
- Automatic feed belt tracking



CL 110: for calibrating and sanding solid wood, veneer panels, frames, chipboard and honey-comb panels.

In order to sand honey-comb panels as well as solid wood, veneer panels, frames and chipboard, the CL 110 is equipped with a pad whose elasticity enables it to maintain a uniform pressure on slightly uneven honey-comb surfaces.



CL 110: to sand a series of panels of slightly different thicknesses.

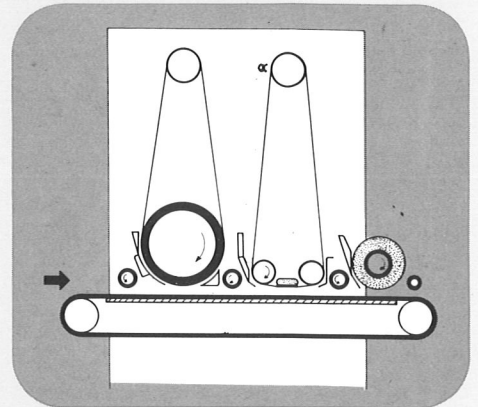
To enable constant and uniform sanding, basic model is equipped with floating table on request, which takes up any slight thickness discrepancies in a series of panels.

Besides this, during pre-sanding, it is possible to determine cut by adjusting front presser.

CL 110: for sanding finish coated surfaces.

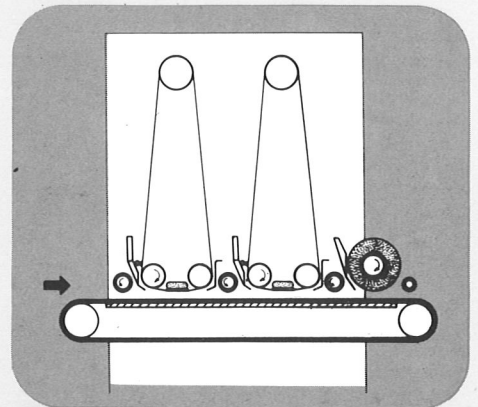
On request, the basic model of the CL 110 can be equipped with the following items to sand finish coated surface:

- sanding group with continuously variable feed speed from 4,5 to 17 m/sec to enable choice of abrasive belt cutting speed to sand finish coated panels
- inflatable pad for core panels
- electronic programmer which ensures utmost accuracy in pad operation
- powered pressure rollers to ensure constant and uniform feeding
- buffing roller (scotch-brite) on outfeed table to improve finish of finish coated surfaces
- blowers on sanding group for cleaning and cooling abrasive belt, increasing belt life.



CC 110: for calibrating of solid and rough timber when deep cuts are to be performed.

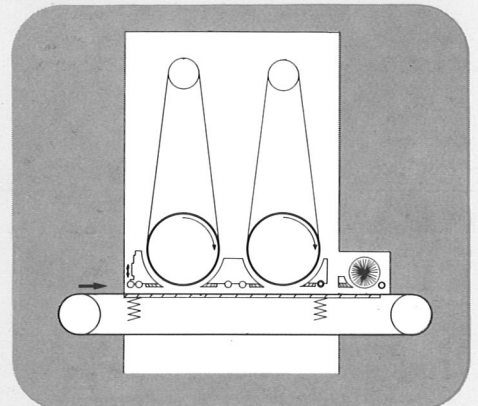
A calibrating group substitutes the sanding group of the basic model for this type of work. Both calibrating groups have rollers of different hardness to enable the first one (rubber covering 85 Sh^a) to remove a larger portion of material and the second (65 Sh^a) to perform a lighter, more accurate cut.



CC 110: for calibrating and sanding solid wood, chip board, honey comb, veneer and finish coated surfaces.

The CC 110 enables sanding of veneer, cupboard doors, short components up to 130 mm and finish coated surfaces by equipping basic version with:

- 2nd roller coated in 18-20 Sh^a. rubber to enable sanding of rough and finish coated surfaces such as cupboard doors and honey comb
- 2nd group with constantly variable feed speed from 4,5 to 17 m/second to enable choice of abrasive belt cutting speed according to sanding requirements for rough or finish coated surfaces
- floating table to take up eventual thickness differences in components to be sanded
- outfeed scotch-brite roller to improve finish of paint coated surfaces
- blowers on 2nd group for cleaning and cooling of abrasive belt.



VANGUARD TECHNOLOGY ENSURES INCREASED RELIABILITY

Thickening group.

Thickening sanding group can be of steel, coated with helicoidal grooved rubber, to improve cooling of belts and guarantee their longer life.

Sanding group.

The CL110 meets all types of sanding requirements thanks to the possibility of using the most suitable pad (one semi-stiff, one hard) according to the type of wood (veneer or solid wood) to be sanded, and resolves the problem of dubbing (during infeed and outfeed) by means of an automatic control device of pad.

Belt-tracking.

Belt tracking is automatic and central position is constantly guaranteed without aid or control of operator.

Adjustment of work table.

Work table is electrically adjusted, whilst micrometric adjustments are made by handwheel and digital indicator allows for reading up to decimal precision.

Floating table.

On request the CL110 can be equipped with floating table to pre-sand and sand with roller a series of panels with slight thickness discrepancies without necessitating operator's intervention.

Vacuum table.

Vacuum table is available on request for working short rough timber or lacquer coated surfaces and guarantees continuous feeding by constant contact with feed belt.

The illustrations and the data contained in this brochure are not binding. SCM reserves the right to make changes for technical, commercial and organisational reasons, the main characteristics of the machines remaining unaltered. In addition, the parts added, such as the protections, accessories, etc. can differ to conform to the laws and special requirements of the countries to which the machines are to be supplied.

Specifications

Max. workpiece width	1100 mm
Max. workpiece thickness	160 mm
Size of abrasive belt	2150x1115 mm
Calibrating belt speed	21 m/sec
Sanding belt speed	18 m/sec
Calibrating motor	15 kW (20 HP)
Sanding motor	11 kW (15 HP)
Table raising and lowering motor	0,4 kW (0,5 HP)
Feed motor	1,1 kW (1,5 HP)
Feed speed (constantly variable)	from 4,5 to 23 m/min
Working pressure	6 atm
Air consumption	200 NI/min
Exhaust air for each hood \varnothing 160 mm	2000 m ³ /h
Net weight	2800 kg
Gross weight with seaworthy packing case	approx. 3160 kg
Overall measurements of seaworthy packing case	2100x1870x2220 mm (8,72 m ³)

Optionals

Calibrating motor up to 25,8 kW (35 HP)
Sanding motor up to 18,5 kW (25 HP)
2 speed motor (Calibrating and sanding group)
Abrasive belt with adjustable speed from 4,5 to 17 m/sec
Blowers for cleaning belts of 1st - 2nd group (Compressed air consumption 580 NI/min)
Floating table
Elastic pad
Vacuum table
Scotch-brite roller fixed or floating
Cleaning brush roller
Powered pressure rollers
Sectional pressure unit
Electronic pad programmer
Workpiece support rollers
60 HZ electricals
Helicoidal ribbed rubber coated roller.

