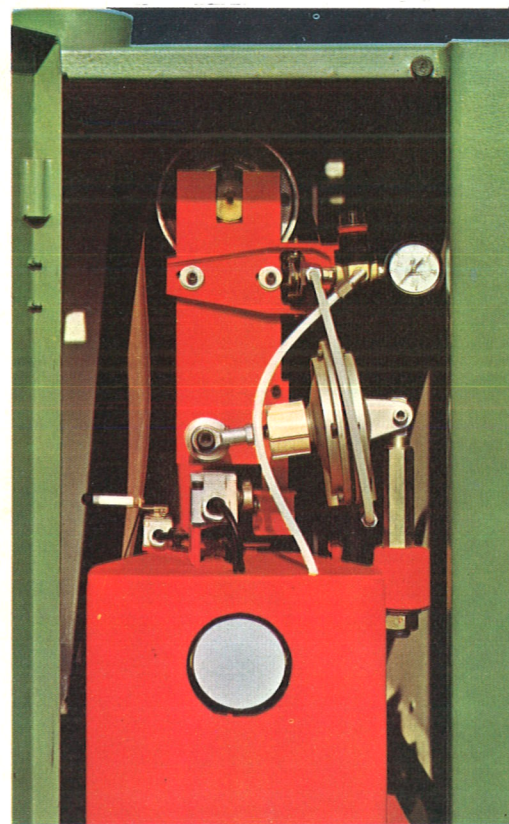




Electric installation on a panel in sealed box: note the motor protection equipment.



Belt translation pneumatic unit (patented): pressure regulator with gauge, valve group, diaphragm and emergency devices.

SPECIFICATIONS C90

Workpiece width	36.1/4"	920 mm.
Max. Workpiece thickness	4.23/32"	120 mm.
Min. Workpiece thickness	7/64"	3 mm.
Min. Workpiece length	5.29/32"	150 mm.
Size of abrasive belts	80.11/16"×36.5/8"	2050×920 mm.
Thickening belt speed	68 ft/sec.	21 mts/sec.
Feed speeds (variable)	from	20 to 92 ft/min.
	from	6 to 28 mts/min.
Thickening belt drive motor		15 HP
upon request		25-35 HP
Feed drive motor		1 HP
Table raising and lowering motor		hydraulic
Pneumatic circuit working pressure		6 Atm. (88 p.s.i)
Air consumption		100 normal l/min.
Exhaust branch diameter	6.5/16"	160 mm.
Quantity of exhaust air for each branch		2000 m ³ /hour
Net weight	3010 lbs	1400 kg.
Overall dimensions	77.9/16"×57.1/8"×47.1/4"	1970×1450×1200 mm.
Shipping volume		3,5 m ³

The above data are not binding to details, as improvements are incorporated from time to time.

sandya® single overhead wide belt calibrating machine C90



- Suitable for sanding of timber and veneer-coated panels
- Air-powered (patented) belt tracking and oscillation unit
- Stepless speed variator

sandya®

Limidi di Soliera - MO - Villa Verucchio - FO -

maximum efficiency and economy with the new model for calibrating work

Though it is designed for the most advanced production lines and high working rates, the C90 is also suitable for the small and medium manufacturer.

CALIBRATING UNIT
 Consisting of a large diameter steel cylindrical rubber-coated roller, dynamically balanced. It can perform light or heavy cuts with good surface finish as well as finish sanding of timber or veneer-coated panels.

This properly designed and well proportioned group, allows for longer duration of the abrasive that runs always at its maximum efficiency without heating up.

PRESSURE ROLLERS
 Made of cast iron, with incorporated idle roll, they are very close to each other to enable sanding of short pieces.

AIR-POWERED (PATENTED) BELT TRACKING AND OSCILLATION
 The simple and efficient pneumatic system, avoids breaking of belts even when the machine works under excessive stress.

PNEUMATIC TENSIONING OF THE ABRASIVE BELT
 The belt tensioning is a very fast and simple operation. The adjustable tension avoids impacts that could damage the belt.

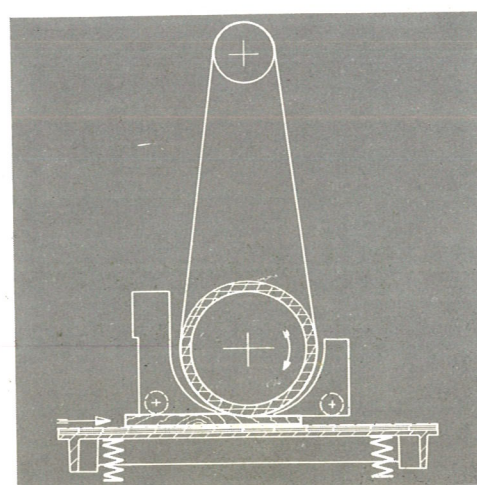
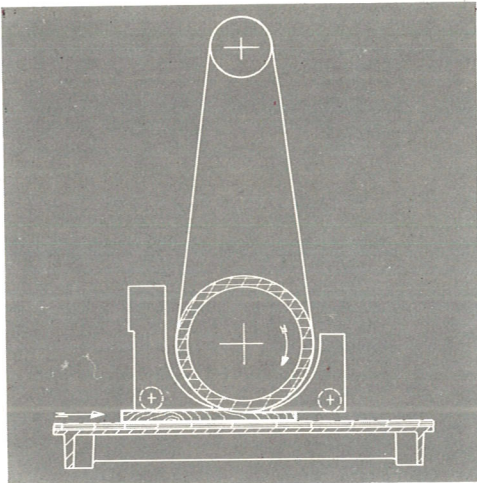
AUTOMATIC AIR-POWERED BRAKE
 Acts automatically with maximum rapidity both in case of pressure fall out under minimum service requirements, and in case of casual breaking of the abrasive belt.

FEED BELT
 Is powered by infinitely variable drive allowing to select the proper feed speed even during operation.

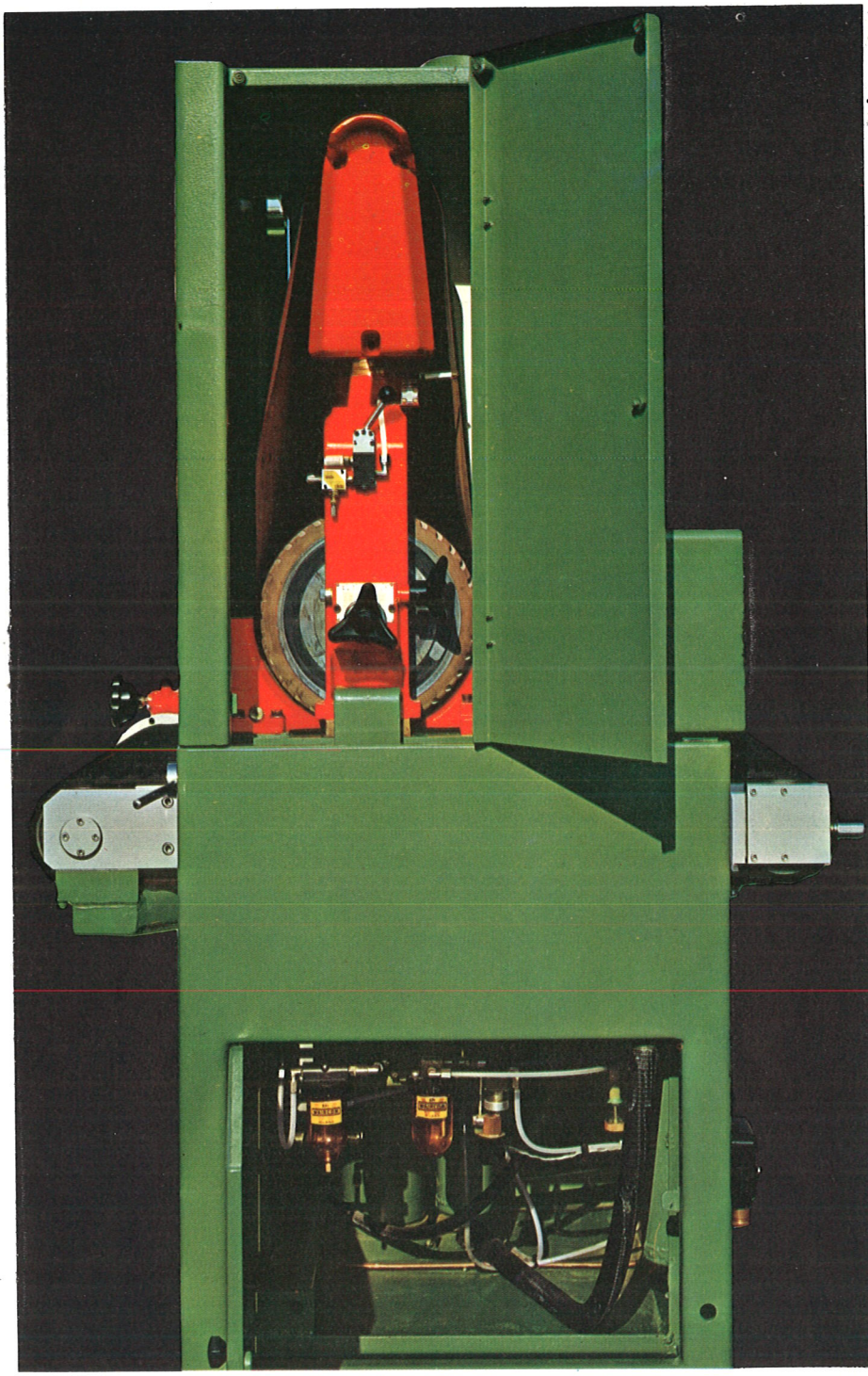
TABLE LIFTING
 Hydraulic action. By means of a small lever it can be set in three different positions: upper for lifting, lower for lowering, central for instant stopping.

FLOATING TABLE
 A knob operates the floating table which is required for sanding of veneer-coated panels with non perfectly parallel surfaces.

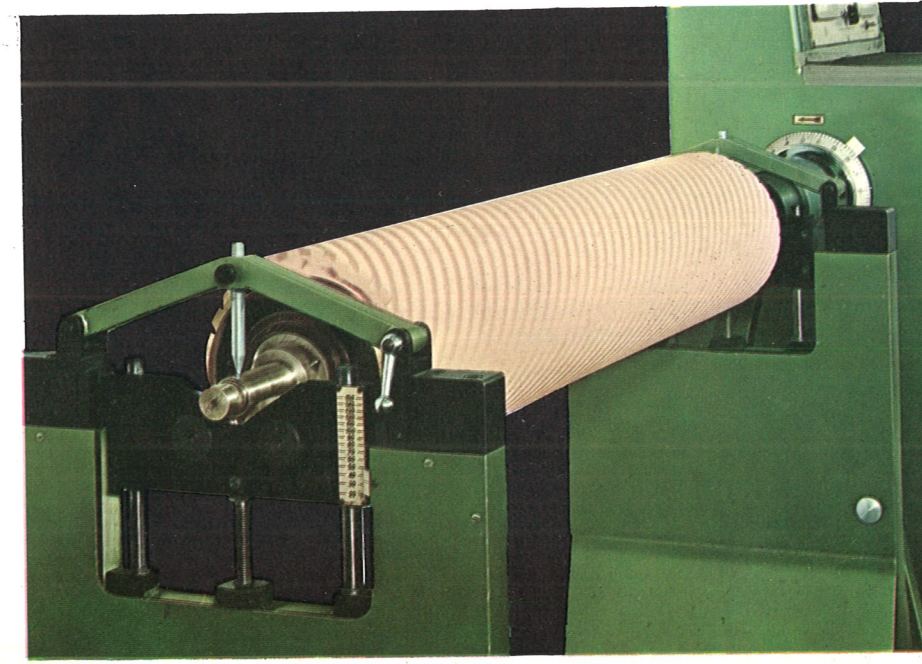
IMPOSSIBILITY OF WRONG MANOEUVRES
 It is not possible to start the calibrating unit if its belt is not under tension. The pneumatic belt tracking and oscillation movement go into action automatically when starting the motor. Motors have thermal overload starters and fuses. An ammeter allows instant checking of the electrical input of motor.



Use of the C90 for normal calibrating of massive panels with fixed table (over), and sanding of veneer-coated panels with the aid of the floating table (under)



Belt introduction side: knob for adjustment of pressure and belt tension. Knobs for vertical adjustment of contact roll. Hook operated by the outside lever for contact roll locking.



Large diameter rubber-coated contact roll on special dynamic balancing machine.