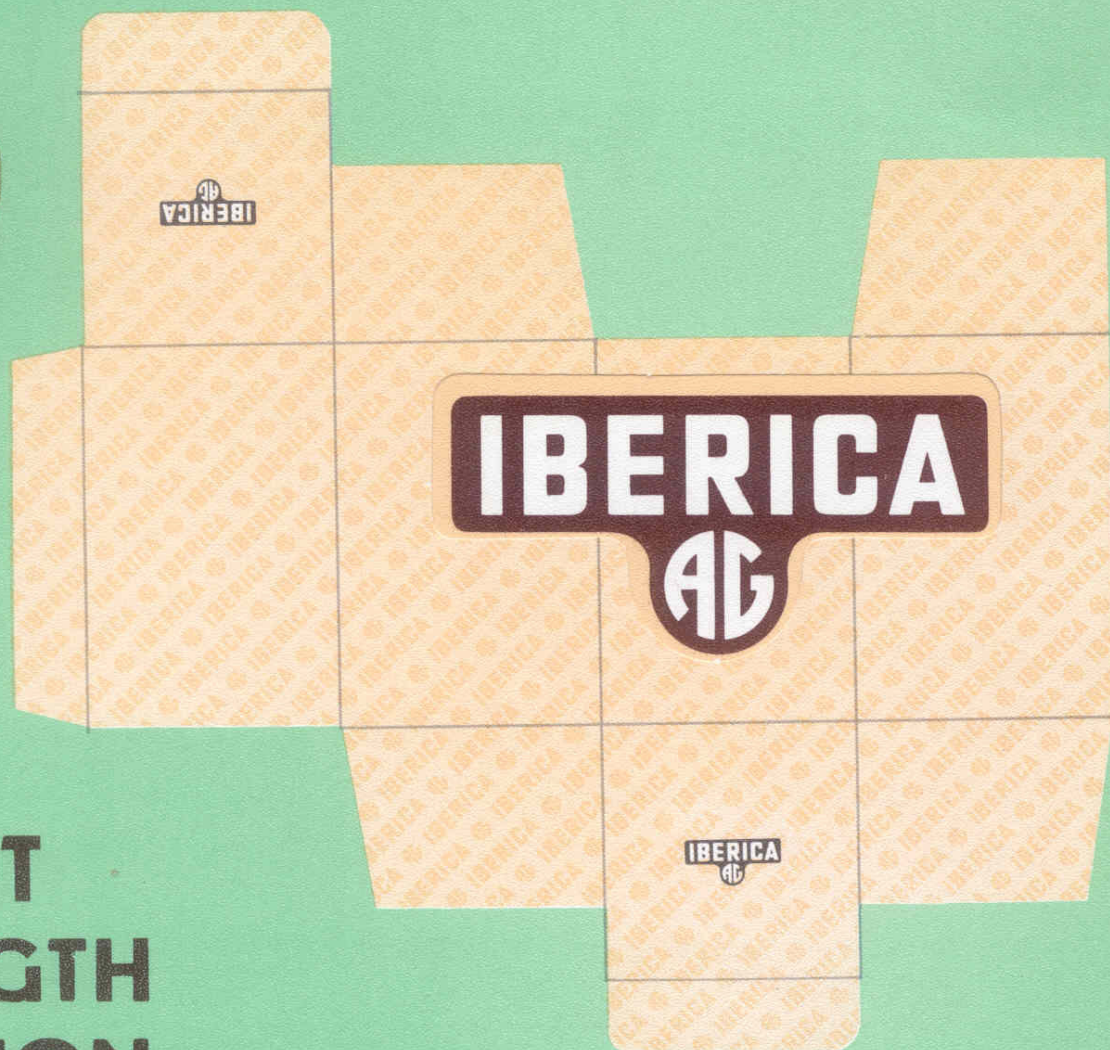
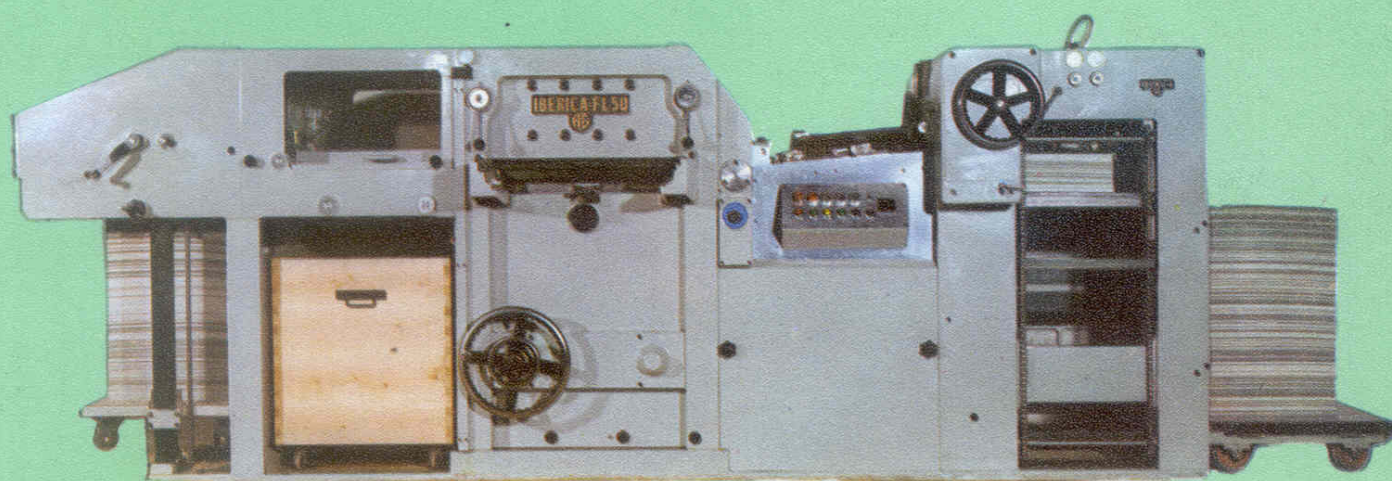




**OUTPUT
STRENGTH
PRECISION**



VERTICAL DIE-CUTTING PRESS 59 x 82

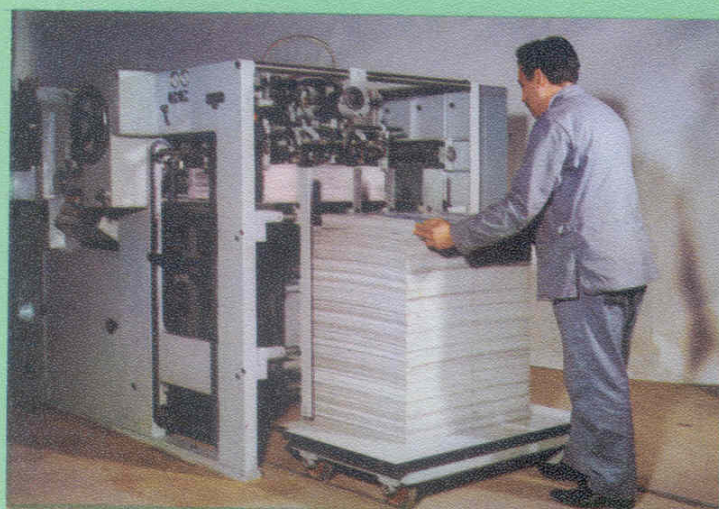
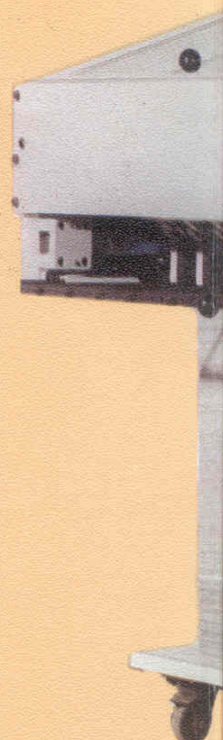
Output 6.000 sheets per hour

Strength 180 metric tons

AUTOMATIC VERTICAL PLATEN PRESS FOR DIE-CUTTING, CREASING AND EMBOSSED **IBERICA F. L-50**

The machine with the high output for die-cutting and embossing paper and cardboard

Careful manufacture and high quality of the materials used ensure a high degree of strength, precision and output.



Sheet conveyance and register

This consists of seven gripper bars driven by chains with an automatic device providing for perfect setting of sheets in both directions without having to loosen the chains for each die-cut sheet.

This is one of the reasons why the vertical die-cutting press FL-50 is the fastest in the world.

Tie points can be reduced to a minimum thanks to the smooth conveyance of sheets.

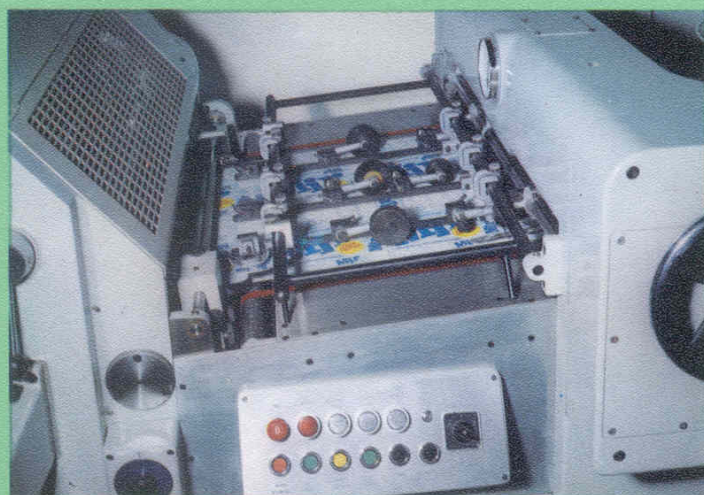
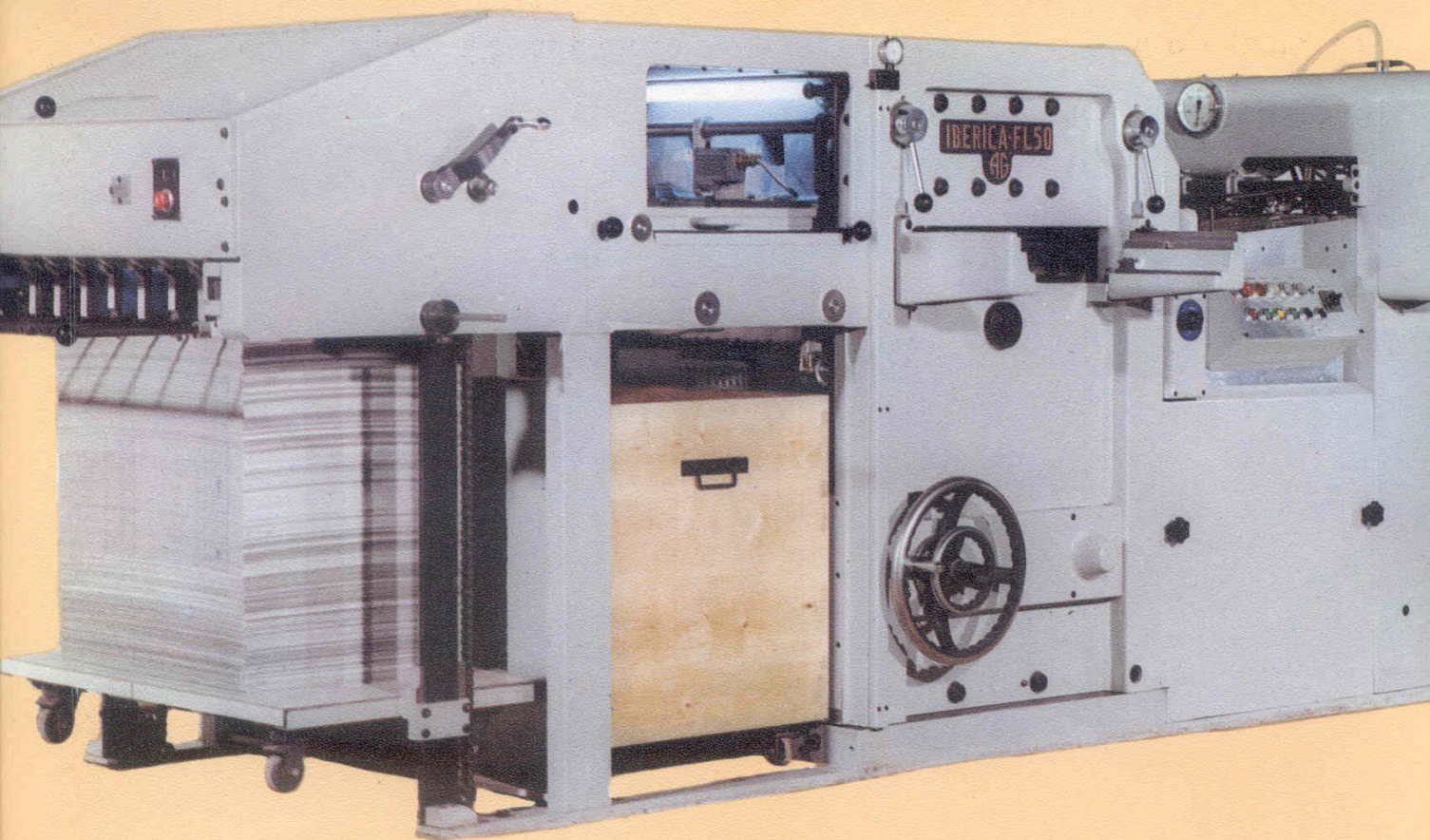
Automatic feed

High-safety mechanism permitting sizes to be changed rapidly and easily, with no tools being required. An exterior device permits preparation of the new pile while the machine is running.

The feed mechanism has been designed to achieve maximum sucking and blowing power which can be readily adjusted, with instantaneous readings from manometers.

The compressor is oversized in comparison with normal units and has an independent motor which makes it a self-contained unit.





Die-cutting

The machine normally operates with the die in the upper part. If material of consistent composition is being processed the die may be placed in lower part with special chase.

The chases and plates can instantaneously be located in the press or removed without using any wrench or tools. In either case, register is guaranteed.

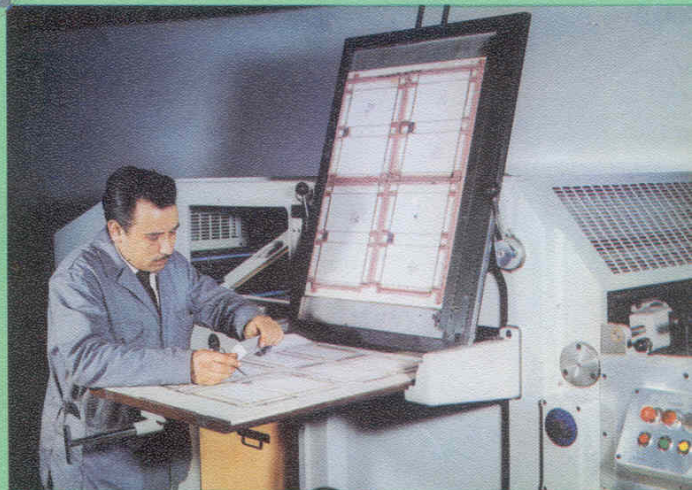
Slot adjustment may be done outside the machine to reduce machine standstill times.

The pressure adjustment is done with a precision of 1/100 mm by means of a handwheel without using tools. A dynamometer shows the strength applied to each operation.

Safety devices

The machine has several safety devices causing it to stop instantaneously as soon as some anomaly occurs while at the same time the cause of such anomalies is shown on the control panel. The causes may be the following:

1. One of the protecting hoods of the machine has been lifted.
2. The feeder pile level is too high.
3. Two sheets have been fed together.
4. The sheet is torn when leaving the die or the ejector.
5. Waste material is being torn off the sheet.
6. The delivery pile level has reached full capacity.



IBERICA

AG

OUTPUT

because of the easy handling of all mechanisms, simple adjustment and high speed.

STRENGTH

because of the high quality of all the materials used which have been selected and calculated technically and scientifically.

PRECISION

because of careful machining with latest techniques and stringent end inspection.



Delivery of sheets

The die-cut sheet is conveyed to the delivery pile by the gripper bars which drop it on a transport trolley where the sheets arrange in even layers. A special device permits taking one or several sheets out of the pile without having to stop machine, as is shown in the illustration.

When the delivery pile of die-cut sheets reaches its maximum capacity a sound signal warns the operator that the transport trolley has to be changed.

To avoid stopping the machine a non-stop device is used to carry the die-cut sheets until the trolley is changed. Thus, the trolley can be changed while the machine is in operation.

Automatic ejector

A simple device for waste stripping saves the time-consuming work of removing waste by hand.

The stripping system is noted for simple design and time-saving properties, especially where high-volume jobs are involved.

Narrow waste portions, very time-consuming to remove, such as notches of 2 mm, holes of 4 to 5 mm, etc., are eliminated.



Technical data

Maximum sheet size	59 × 82 cm
Minimum sheet size	28 × 33 cm
Maximum wood size	61 × 84 cm
Maximum cutting rule size	58 × 81,8 cm
Minimum cutting rule size	20 × 30 cm
Guaranteed strength	180.000 kg
Test strength	200.000 kg
Variable speed motor	5 HP - 3,6 kW
Compressor motor	2 HP - 1,5 kW
Maximum output	6.000 sheets hour
Test output	6.300 sheets hour
Stroke of the platen	46 mm
Normal height of cutting rules	23,8 mm
Minimum caliper of paper or paperboard	90 g m ²
Maximum caliper of paper or paperboard	1,5 mm
Maximum gripper margin	14 mm
Minimum gripper margin	6 mm
Normal gripper margin	10 mm
Maximum floor space required:	
length	5 m
width	1,80 m
height	1,55 m
Approx. total weight	8.500 kg

We reserve the right of subsequent modifications.

Standard equipment

- 2 Complete universal chases.
 - 2 Hardened cutting plates.
 - 1 Plate to fasten the cutting plate.
 - 1 Cutting adjustment plate.
 - 1 Prestacking trolley.
 - 2 Feeder boards.
 - 2 Delivery boards with wheels.
 - 2 Plywood ejector boards.
 - 1 Waste drawer on wheels.
 - 1 Non-stop device at delivery end.
 - 1 Sheet-meter.
 - 1 Variable speed 5 HP motor.
 - 1 Compressor with motor.
 - 1 Complete electric equipment.
 - 1 Set of tools with oilcan and grease gun.
 - 1 Special key.
 - 1 crank for shifting the delivery pile.
- CENTRAL LUBRICATION

Extra equipment

- Chases and counter-plates for embossing.
- Chase and counterplate for working with the die in the lower part.
- On request the FL-50 may be supplied for die-cutting sheets of micro-corrugated cardboard with a maximum caliper of 3 mm.

OTHER MACHINES OF OUR RANGE

Automatic die-cutting machine 42 x 53 cm. strength 80 tons equally suitable for small and big jobs.

Automatic pres for simultaneous production of one or several pastry trays or plates.

Automatic press for applying dry gold coating and relief, with or without heating.

Planocylindrical machine 55 x 77 cm. with automatic feeder and pneumatic delivery.

Special automatic platen machine for printing, die-cutting and relief, dry process.

Automatic high-production die-cutting machine for corrugated and compact cardboard in two sizes: 105 x 145 and 120 x 166 cm.

IN PREPARATION

IBERICA-AG

ANTONIO GUTIERREZ

MANUFACTURERS OF MACHINES AND ACCESSORIES FOR GRAPHIC ARTS

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