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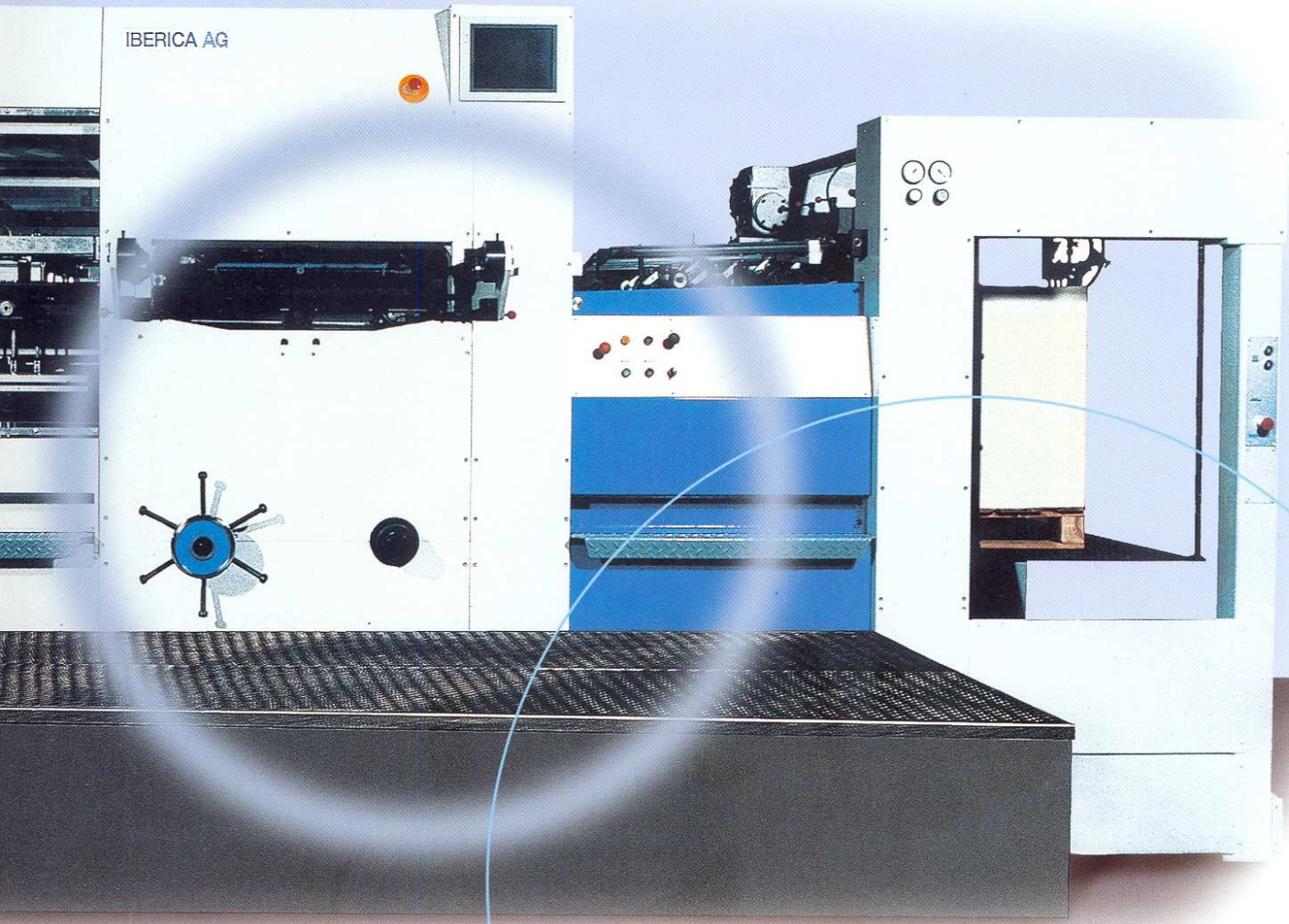
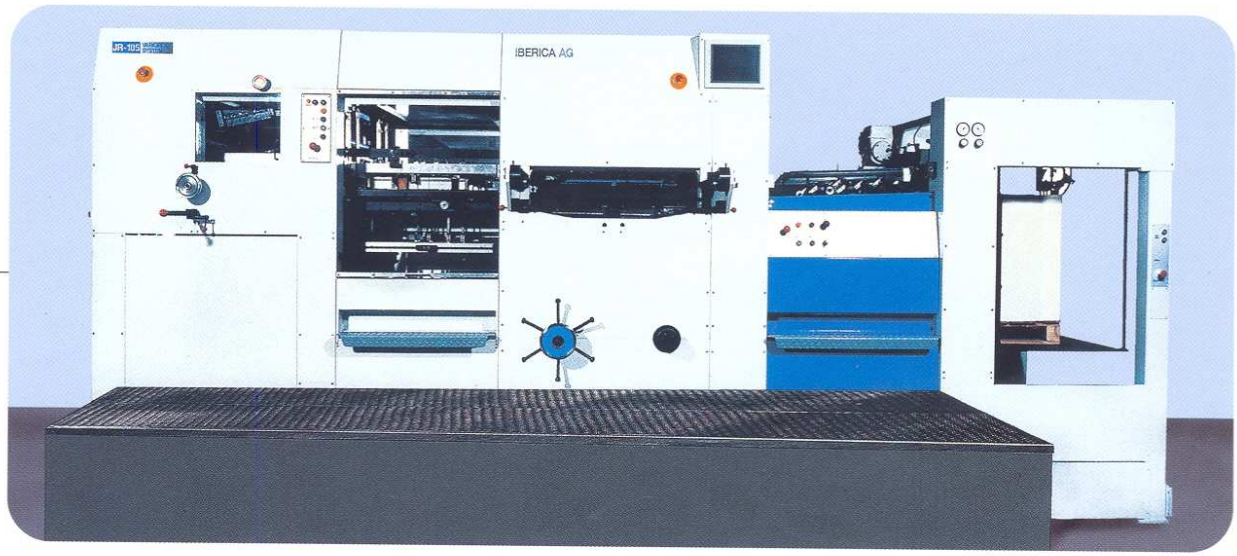


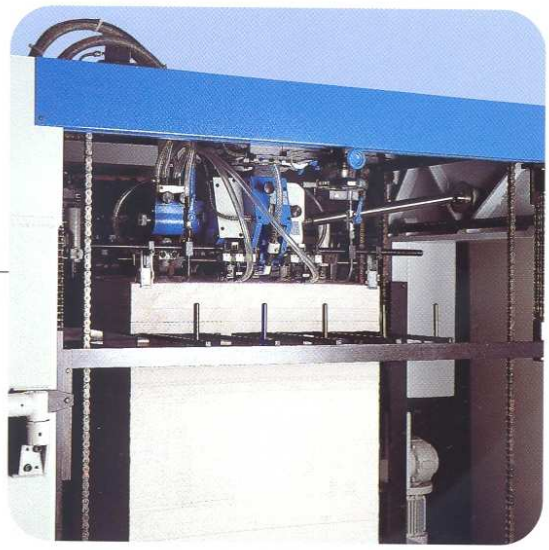
IBERICA JR-105 75 x 105 cm. varioplan® system
automatic vertical diepress

DIE CUTTER

- **Conveyance system**

The feeder automatically separates the sheets and feeds them down the feed table in a smooth, continuous stream. Individual sheets are registered into the grippers, manufactured in strengthened materials and aerodynamically designed to avoid air turbulence.
The Gripper bars, seven, transport the sheets accurately into the press for cutting and creasing.
The cut and creased sheets are delivered into the stripping unit for waste ejection and finally into the delivery where they are jogged into a neat pile. A system of photocells and electronic devices throughout the machine, control the sheets, detect any faults and ensure trouble free running.



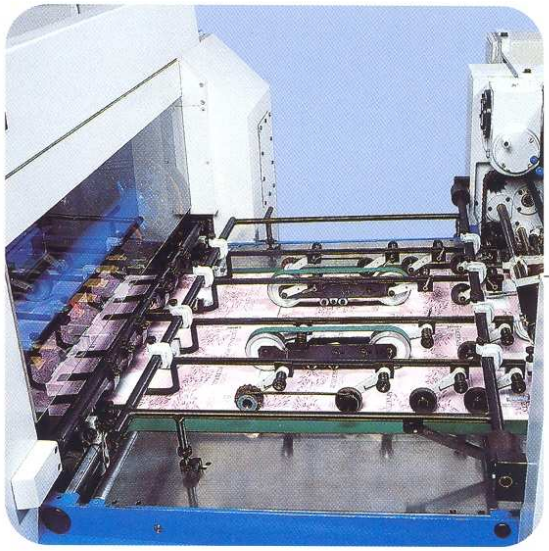


- **Automatic feeder**

Designed to handle a range of materials from paper to corrugated board. Changeover for different sheet sizes and paper weights is quick and simple.
The unit is equipped with a floating platform system and coloured guide lines which enables palletised stacks to be used and facilitates easy alignment.
(*) A Non-stop device allows each stack of work to be inserted one after another without stopping the machine.
If necessary (*) a preloading system allows the operator to prepare a new stack outside of the machine.
A double sheet detector device ensures that the sheets are delivered correctly to the feeding table.

- **Feeding table**

  The feeding table conveys the sheets from the feeder to the press infeed in a flat and shingled manner.
  There is a hinged frame mounted on top of the feed table, complete with a series of transport wheels and brushes. This can be lifted and locked clear of the table for easy access. The feed table is made of antistatic stainless steel and is fitted with four anti-static conveyor belts, with variable speed, run over the surface, ensuring perfect control of the sheets to the front lays.
  There are four individual adjustable front lays fitted with sensor, thus guaranteeing perfect register. The side lays are adjustable for all sizes, and move on a calibrated scale guide to facilitate the changeover from one job to the next. The side lays are able to operate in a pushing or pulling action, according to the caliper of the board.
  There is an electronic sidelay register control device, which will stop the machine or set off a klaxon to warn the operator of a badly registered sheet.

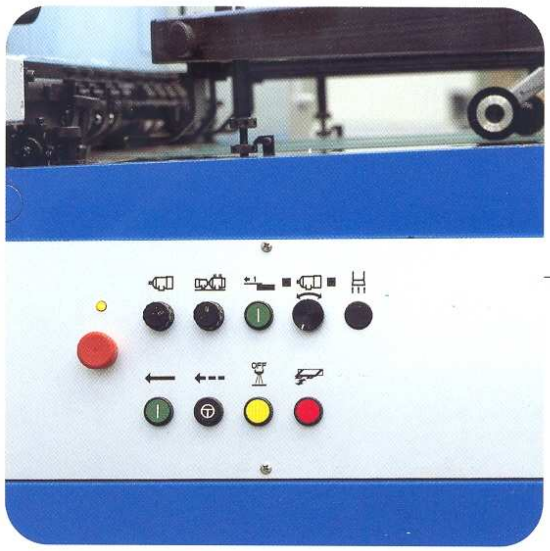


- **Press**

  Special heavy duty castings and high tensile strength materials are used in the manufacture of this section to ensure long life and vibration free impression. It develops a maximum pressure of 300 Tm, accurate pressure setting to 1/100 Mm (.0004') is adjusted by means of a handwheel. The moving lower platen is driven vertically on four elbow levers by the Varioplant system, producing a long and even pressure. Automatic lubrication ensures smooth operation and minimum wear. Rotating arms enable the forme to be swivelled thus providing easy access for any corrective work to be carried out. An automatic stop device allows the machine to be carried out. An automatic stop device allows the machine to be stopped in the exact position to remove chases and cutting plate. A midline centre system allows the quick set-up the forme in the chase.

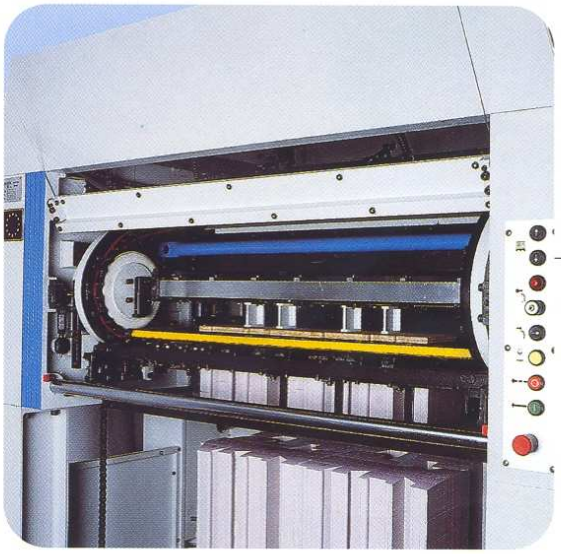
- **Main control panel**

  The main control panel is situated adjacent to the feed table and incorporates a schematic of the machine with lights indicating the position of any malfunction within the machine, other auxiliary controls are located in the feeder, stripping and delivery unit, to allow the operator to perform each task.



- **Delivery**

  The sheets are transported into the delivery unit and automatically jogged and levelled ensuring perfect stack of cut and creased sheets. A Non-stop device is incorporated allowing the with-drawal of the full pallet and the insertion of an empy one without stopping the machine.
  In order to increase the machine productivity an
  (*) Automatic Non-Stop device can be installed and synchronised with a programmable sheet counter thus obtaining pallet of work with the same number of sheets on each one.
  (*) A Non-Stop automatic device with hoist, specially for thick board and corrugated board, can be installed with an extended magazine of 25 cms. approx.
  (*) A front-edge stripping device can be supplied with the machine. This shears the front edge trim which is finally removed and transported away by a side moving conveyor belt. A sheet counter indicates the total number of sheets processed during a production run.

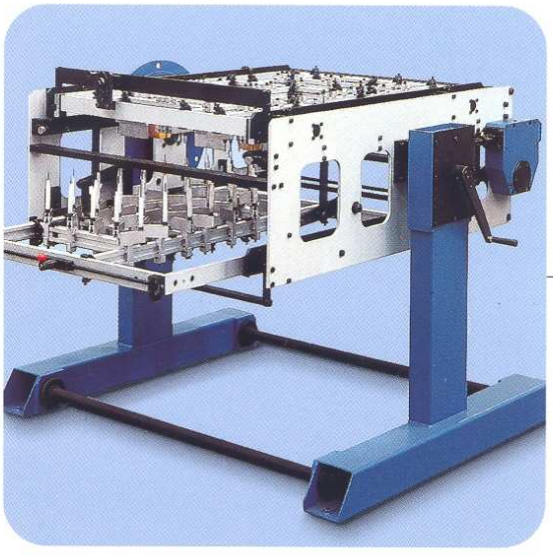


- **Stripping unit**

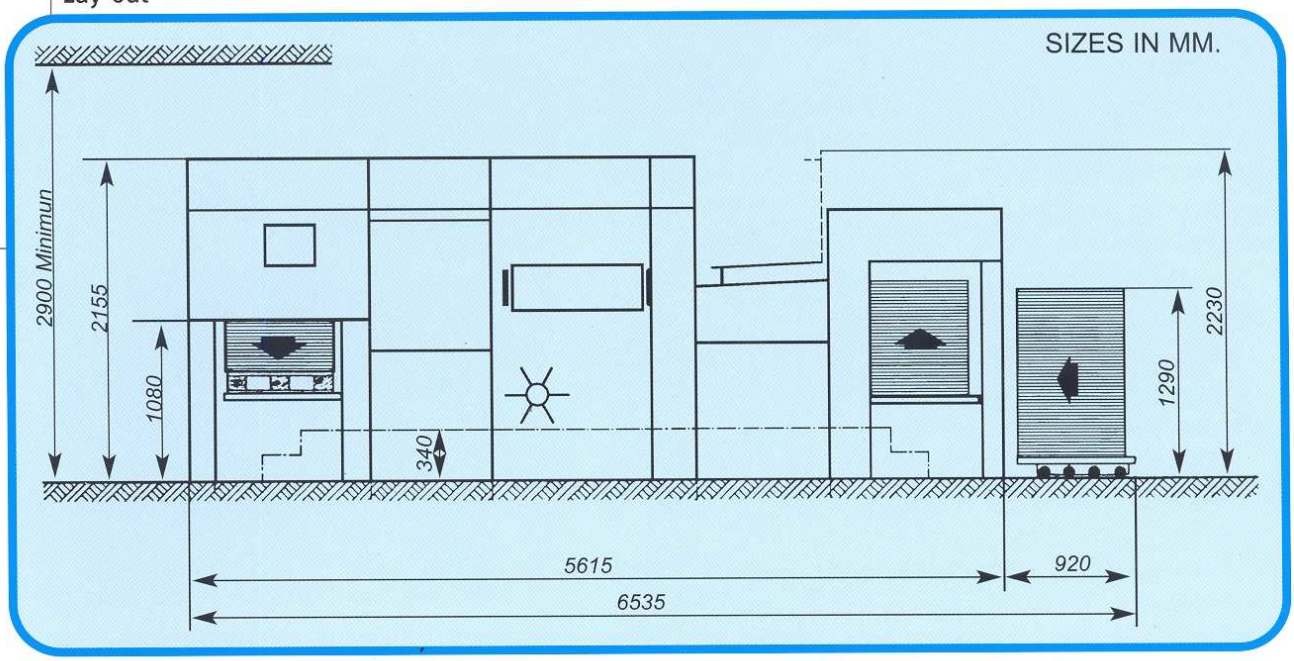
  Automatic stripping of waste is effected in this unit, which incorporates removable frames equipped with cross-bars and pins. Upper chase and female frame incorporates the midline centre system for quick set-up. A quick fixation system allows the operator to locate the female board easily.
  (*) the upper stripping frame could be motorised and can be raised vertically whilst the machine is stationary. To take out the stripping chases, simply press a button to stop the machine automatically in position.

- **(*) Premake ready stripping table**

  Appropriate for avoiding down-time in preparing the machine with a consequent increase in productivity. The table is equipped with a complete set of chases (upper and lower chase) and one complete set of cross-bars and pins. Upper and lower stripping chases can be operated in the table in order to check correct setting.
  The table can be rotated for easy access to both lower and upper frames for setting each job.



Lay-out



Iberica JR-105 - Technical specifications

MAXIMUM SHEET SIZE:	750 x 1.050 mm.	29,53" x 41,34"
MINIMUM SHEET SIZE:	350 x 400 mm.	13,78" x 15,75"
MAXIMUM CUTTING SIZE WITH GRIPPER MARGIN:	730 x 1.035 mm.	28,74" x 40,75"
MAXIMUM CUTTING SIZE WITHOUT GRIPPER MARGIN:	745 x 1.035 mm.	29,33" x 40,75"
STANDARD HEIGHT CUTTING RULES:	23.8 mm.	0,937"
MINIMUM PAPER THICKNESS (ACCORDING QUALITY):	90/100 g/m²	———
MAXIMUM CARDBOARD THICKNESS:	1.5 mm.	0,059"
MAXIMUM CORRUGATED BOARD THICKNESS:	3 mm.	0,118"
MINIMUM GRIPPER MARGIN:	9 mm.	0,35"
MAXIMUM GRIPPER MARGIN:	17 mm.	0,669"
STANDARD GRIPPER MARGIN:	12 mm.	0,472"
MAXIMUM OPERATIONAL PRESSURE:	300 tm.	330 U.S. Tons
MAXIMUM SPEED:	9.000 impr./hour	———
MAIN MOTOR WITH SPEED CONVERTER:	20 Cv (15 Kw)	———
TOTAL POWER INSTALLED:	28 Cv (21 Kw)	———
AIR PRESSURE REQUIRED:	6 Kg/cm²	90 P.S.I.
MACHINE APPROX. NET WEIGH:	21.200 Kg.	46,737 Pounds
FLOOR SPACE OCCUPIED:	Length 9.11 m./29,89'	Width 5.32 m./17,45' Height 2.90 m./9,51'

Standard equipment

AUTOMATIC FEEDER	FEEDING TABLE
2 SIDE LAYS PUSHING AND PULLING SYSTEM	4 FRONT LAYS
STRIPPING UNIT WITH CHASES AND TOOLS	NON-STOP DELIVERY
1 DIE HOLDER CHASE	1 CUTTING PLATE 3 MM. THICKNESS

Optional: model Iberica JR-105 F

- MACHINE ELEVATED 30 CMS. / 11,81" SPECIAL FOR WORKING WITH THICK SOLID BOARD OR CORRUGATED BOARD.

An extensive number of Options (*) allows the model JR-105 cover all the market necessities.

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