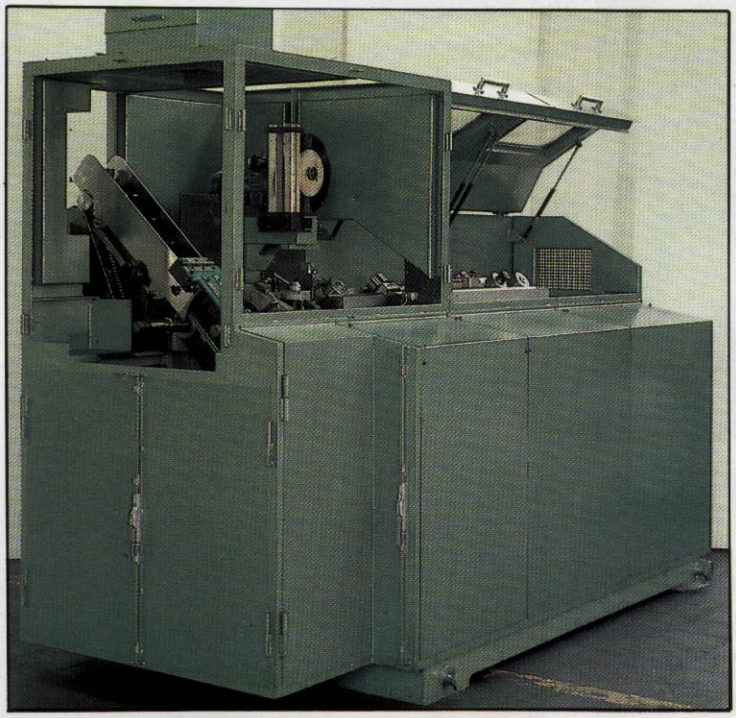
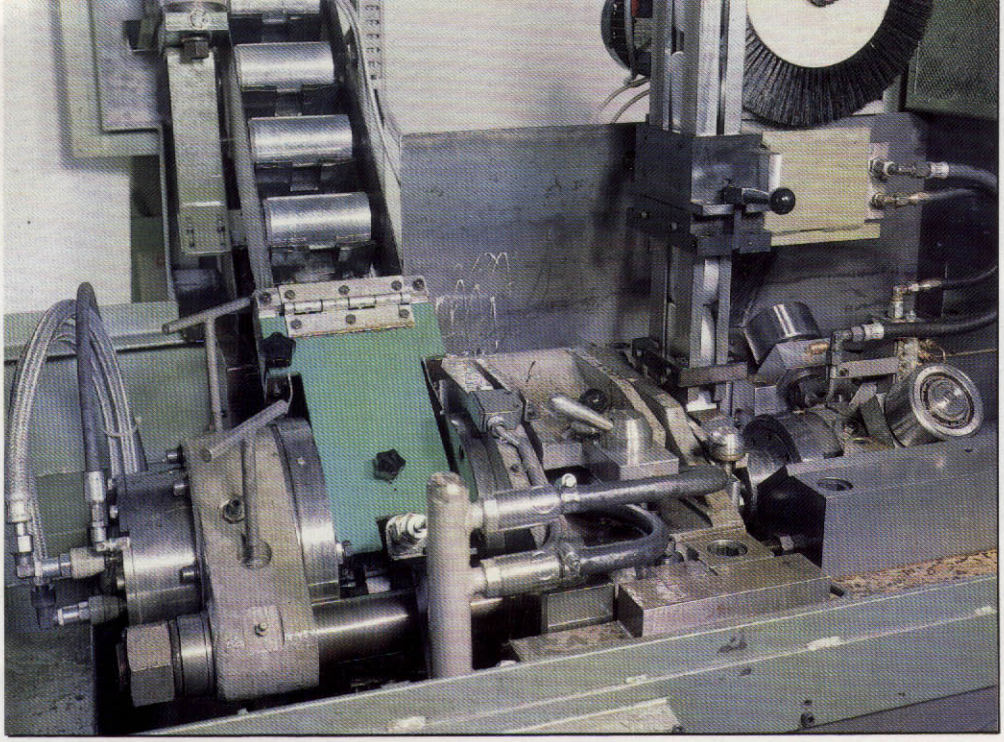
B300

FMI SpA

BODYMAKER

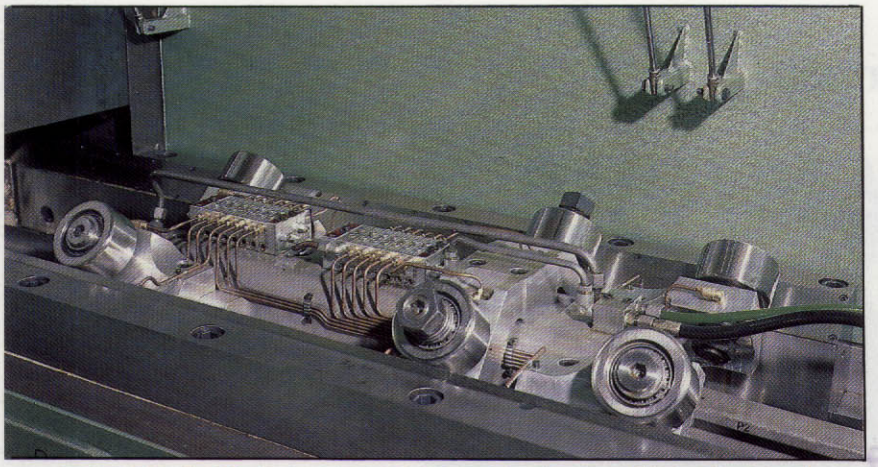


B300



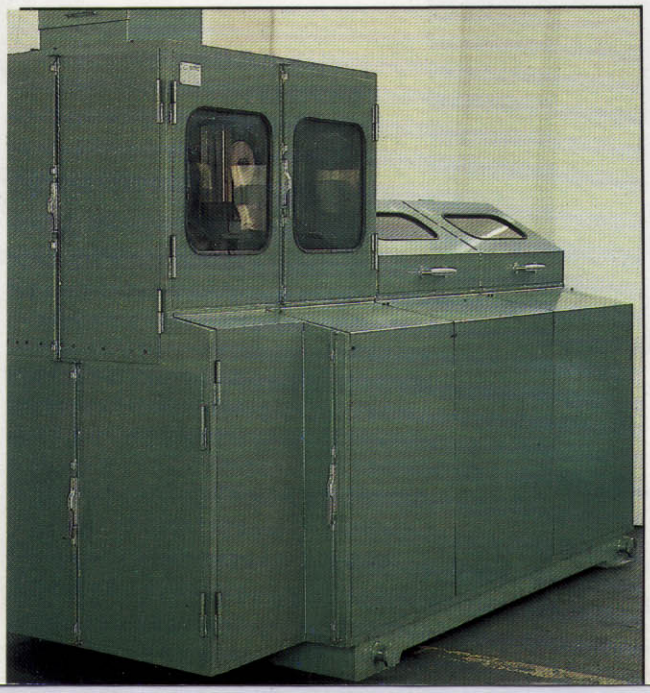
CUP FEEDING AND CAN BODY EJECTION

B300 BODYMAKER



PUNCH HOLDER SLIDE

TOOLING



MACHINE WITH GUARDS

Machine base: frame of fabricated steel, stress relieved. High ridigity of structure gives accuracy and thermal stability.

Fine engineered kinematics and stiffness give smooth running conditions. No vibration a top speeds.

Drive: kinematiks consists in a high speed shaft with flywheel, clutch and brake, a crank-shaft driven by a couple

of bevel gears, a link and a rocket arm acting on the ram sub-slide.

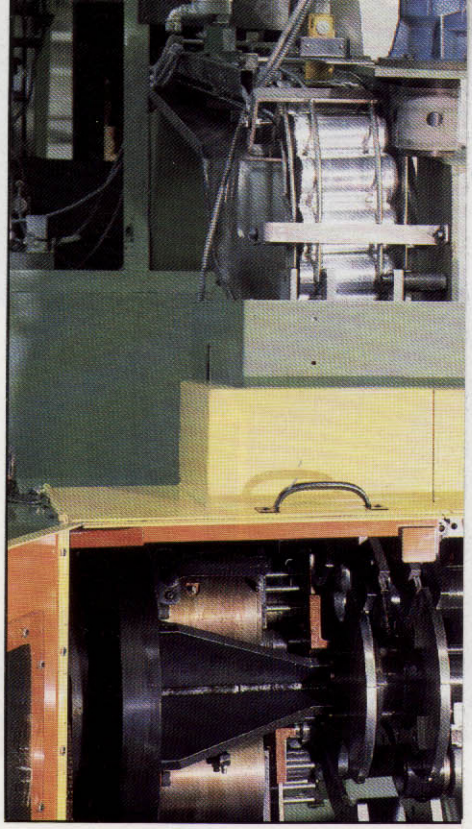
Ram carriage: The ram carriage is guided on prismatic gibs over pre-loaded rolls. The rocker arm load acts on a sub-slide guided on the same prismatic gibs holding the out of the center loads of the rocker arm and transferring to the ram carriage only axial thrust.

Tool pack: The tool pack is easy to remove and to inspect. It is pre-adjusted in the tool room and allows quick replacement of ironing rings. Cup holder sleeve is controlled by air cushion for easy and reliable adjustment.

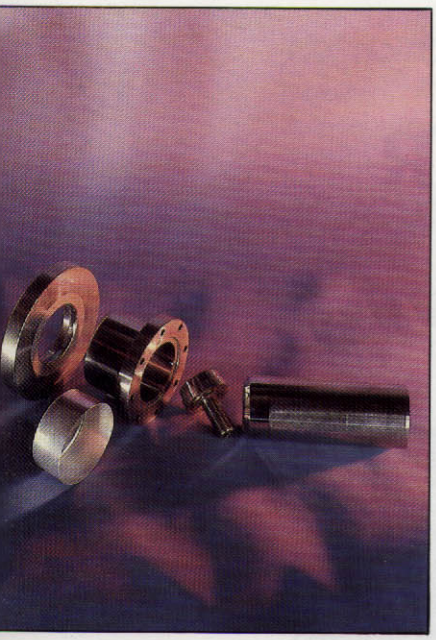
Dome former: The unit is mounted on two arms extending out of the tool pack box. This assures a perfect alignment of dome to tool pack assembly. Dome former is backed by a pneumatic cushion. Housing can be swung for inspection of tool pack and alignment.

Can transfer unit: cans are discharged by chain with rubber pockets.

Lubrication: centralized oil lubrication with recirculating system. Low oil consumption. Cam boxes running in oil bath.



TRIMMER FEEDING

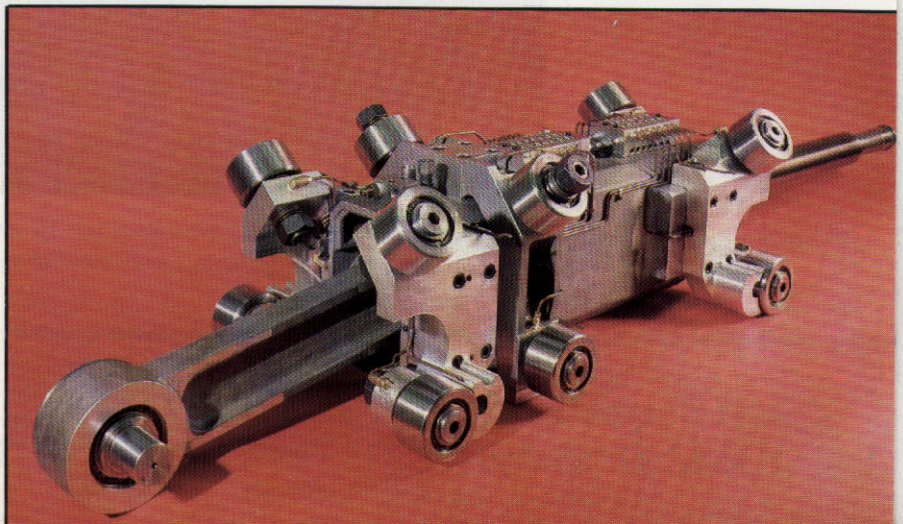


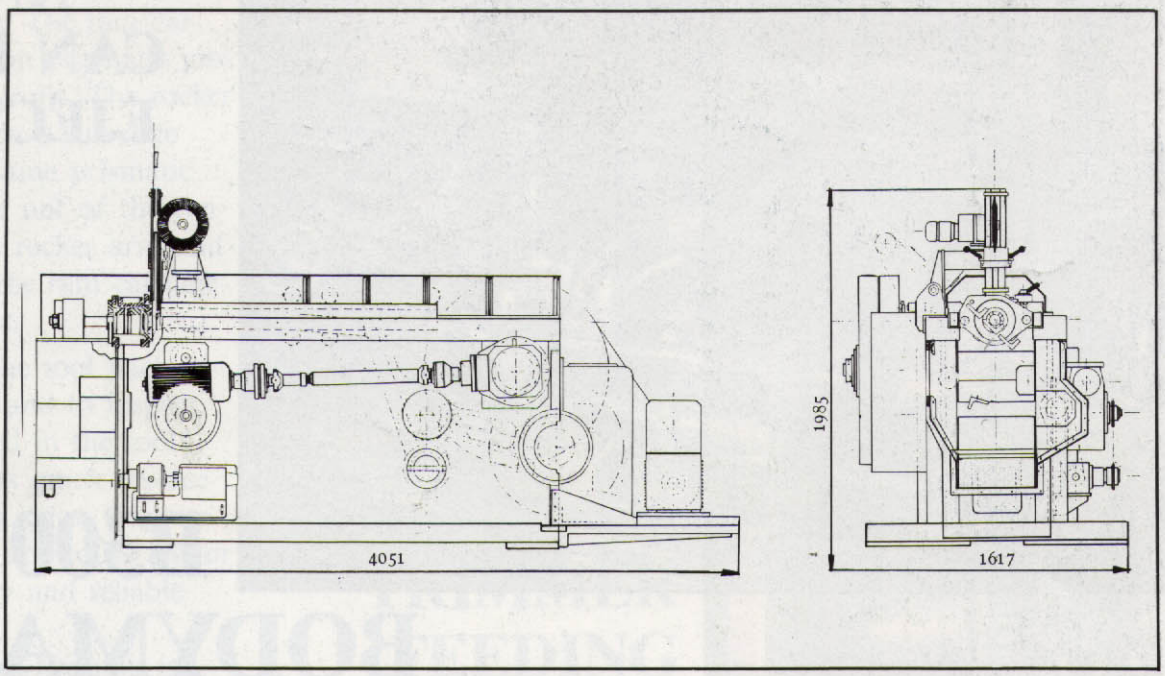
Electrics: on the left side of the machine is located the operator panel for machine control and monitoring.

Redraw carriage: The redraw carriage runs on the same prismatic gibs and is powered by an oscillating roll gear box, located on the side of the main frame. Roll gear connected by P.T.O. to the high speed shaft.

Cup feeder: Positive cup infeed for high speed cup location. Drive is by oscillating roll gear.

CARRIAGE





TECHNICAL FEATURES

Capacity	50 KN
Stripper capacity	5 KN
Stroke	510 mm.
Max. untrimmed can length (AS 607)	164 mm.
Max. can diameter (AS 211)	66 mm.
Max. output	235 min.
DC motor power	42 kW
Power supply	66 kW
Total weight (approx.)	150 KN
Air pressure	6 atm.
Air consumption per stroke	0.3 Nlt.

FMI machines and plants for can manufacturing.

Supplier of basic project, detailed design, engineering, turn-key project for:

- Three piece round and irregular cans
- Two piece drawn and redrawn cans
- Two piece drawn and wall ironed cans
- Easy open ends
- Extruded aerosol cans
- Collapsible tubes

Output is function of can diameter, length, material.

Guards have been removed to illustrate machine functions.

Due to the development of our production, pictures and data are subject to changes or modifications and they shall not be considered binding for our company.