HINGING PRESS - BMS SERIES SHOWN WITH OPTIONAL MEMBRANE PRESSURE SYSTEM Optional Membrane Pressure System Frame Sockets for Locking Pins Edge Irons for Moulded Edges (Optional) Locking Pin is Heated hydraulically actuated Lower Platen Vacuum Compressed Air (Heated or Unheated) Press Frame Thermal Insulation Infra-red Press Heaters Frame (Optional) Infra-red Heaters (Optional) High Temperature Clamp High Temperature Flexible Fluoroelastomer Membrane Bar Flexible Fluoroelastomer Membrane **DEFLATED**

8/94

INFLATED

BMS 106-1



HINGING PRESS - BMS SERIES

Dimensions

Width - Up to 96" (245 cm) Length - Up to 36' (11 meters)

Heating System

Gun-drilled steel platens may be heated by:

- steam
- thermal oil
- hot water
- infrared (available on presses equipped with membrane pressure system only)

Pressure Systems

- 1. Inflatable, full size pressure bags to 200 psi (14 kg/cm²)
 - above the upper platen
 - below the lower platen
- 2. Inflatable, high temperature membrane to 100 psi (7 kg/cm²)
 - replaces the upper platen
 - accommodates parts or material with an uneven gauge or curved cross section

Control System

- Computer control of the press functions is standard. Press may still be operated in a manual or automatic mode.
- An optional color monitor is available to display status of all press functions, pressure and temperature.
- Temperature control is offered in standard, Ramp and Soak modes.
- Pressure control can be constant, or varied as a function of time.

Optional Features

- Tensioning or stretching equipment at each end of the press. Stretching equipment can be hinging configuration or fixed.
- Vacuum system.
- Motor driven, Teflon conveyor system
- Edge-iron system, for products with a moulded edge.
- Chart recorder for a hard copy of pressure and temperature measurements.
- Hot air heater for membrane application.

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