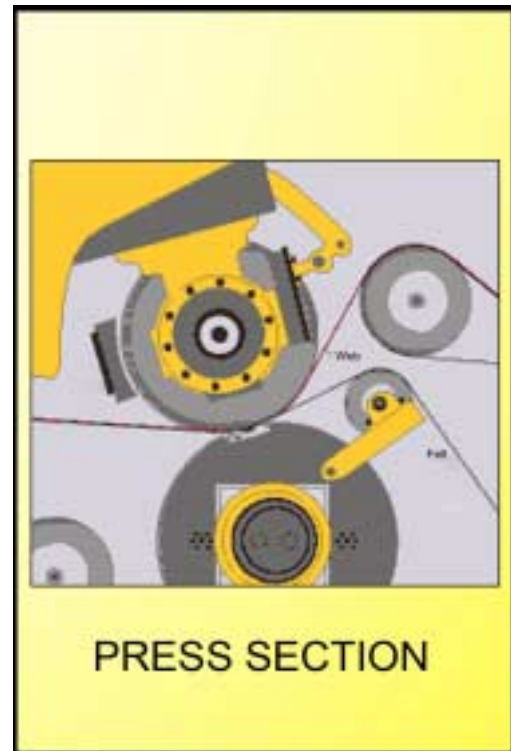


SHOE PRESS

Shoe Press can be used on pulp, paper and board machines. The structure of the Shoe press comprises of an enclosed, hydrodynamic lubricated press shoe with a fixed or variable crown roll as a counter roll. The counter roll type depends on the ratio between machine width and desired line pressure. The shoe presses has exchangeable shoes and the press nip length can be varied between 170 and 320 mm.

The shoe roll can be placed either to the upper or the lower roll position. The loading of the shoe element is done by in-line loading cylinders. The loading of the end cylinder can be adjusted by means of edge zone compensation. By changing the position of the loading element, the nip pressure profile can be adjusted for bulk-sensitive paper grades or grades that are less sensitive to the pressure.



Salient Features:

- The shoe lubrication and loading hydraulics oil are separated from each other to maximize lubrication film thickness and belt life.
- The line pressure range varies between 800 - 1500 kN/m.
- MS fabricated robust framing with loading levers with anti corrosive paint.
- Heavy Duty Shoe Press up to the finished diameter of 1250 or 1500 mm.
- Press loads are controlled by separate drive elements inside the structure, which allows easy placement in machine rebuilds.
- Bearing housings of CI construction with with antifriction bearing.
- Structure of Shoe press suits all known fabric manufacturers smooth or grooved belts.

Advantages :

- Increases efficiencies and less paper breaks.
- Improves product quality in terms of strength and surface properties.
- Increases Production with Quality.

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