

SIZE PRESS

Size Press in coating section is used in surface sizing to improve paper or paperboard strength properties, like internal strength (bonding strength) or surface strength (low dusting). Surface sizing improves paper properties by reinforcing the bonds between fibers with a water-soluble binding agent, usually starch.

The size press unit consists of two rotating rolls, a sizing agent pool applied between them. Paper web is routed through the pool to the nip, where size is pressed to the web. The most important property of pool size press is good penetration reached, which is the goal when increasing internal strength of paper. The size press seldom reaches speed over 1000 m/min. This method is used mainly with paper boards.



Salient Features:

- Heavy Duty framing with Hydraulic or pneumatic lading system.
- Pneumatic loading & unloading arrangement with pneumatic panel.
- MS fabricated robust framing with loading levers with anti corrosive paint.
- Heavy Duty Size Press up to the finished diameter of 1000 mm.
- Size Press with Blind drill coating on top and bottom roll with felting.
- Bearing housings of CI construction with with antifriction bearing.
- SS Shower with specially designed nozzles.
- Doctor in SS construction for Micro rockroll with pneumatic loading/unloading arrangement.
- Size Press is suitable up to Nip load 150 Kg / cm.

Advantages :

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

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