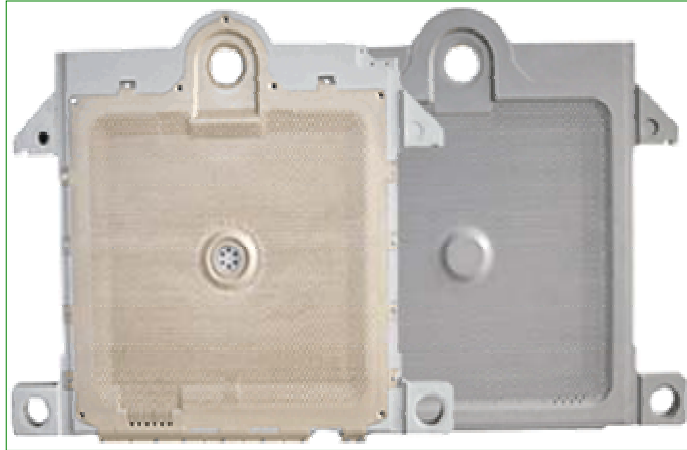


LASTA & SALA (Svedala) FILTER PRESS PLATES

Fully automatic filters such as the Lasta and Sala press operate with short cycle times, particularly in the mining sector where they are frequently used. More than 100 cycles per day are common - 12 to 16 minute cycles - Therefore, the demands on the filter plates are more than conventional filters require, making molding quality and design considerations critical.



These plates are available using either a recessed plate configuration or incorporating membrane squeeze. The plates are essentially a 1500mm square capacity but the top center feed arrangement for a special feed nozzle requires a rectangular plate construction. Consideration was taken of the tighter tolerances required for feed and clamping forces, when the design was established.



nozzle positioning



Separate filtrate port wear plates may also be used to allow worn ports to be replaced on a scheduled basis and this maintains the integrity of the filtration surface and discharge ports. Both closed filtrate (internal ports) and open filtrate (to manifold hoses) are available as standard options.

Fully molded handles or inserts for adding bolt on handles may be supplied and all handles use a nylon wear and guide block, located beneath the handles, to control height and lateral movement.

In addition to the interrelationship of the feed nozzle and plate, filter cloth also takes a roll in effective performance. Because the cloth must suspend with the weight of the feed device and still align correctly, some specialized reinforcing is sometimes required on lighter materials.