

Filter Press Units

The ideal solution for temporary dewatering of solid laden slurry

Siltbuster's Mobile Filter Presses are perfect for the dewatering of solids laden slurry to produce a solids "cake" which can be disposed of to landfill.

Two standard sizes are available to hire: a standard 281 litres per cycle press (approx. 1 tonne per hour capacity) and a smaller 10 litres per cycle press designed for site pilot trials. Other sizes and capacities are available to order!

Why choose a Mobile Filter Press from Siltbuster?

- Easily transportable Skid Mounted Units – no special foundations required
- Rapid start up – the units are delivered to site as a complete package, simply connect pipework and air supply and start processing slurry
- Simple and straightforward operation – no specialist skills or training required
- Low maintenance double acting air diaphragm feed pump
- Compact construction, ideal for smaller sites
- Can be fully integrated with other Siltbuster equipment
- A range of filter cloths available for various duties

The Siltbuster 281 litre Mobile Filter Press

Siltbuster's 281 litre capacity Mobile Filter Presses work with our HB50 units, our smaller separators, and are supplied as a transportable manually operated unit complete with a mild steel skidded working platform and access ladder.

The units are equipped with a manually operated hydraulic pump to close and lock the press plates during the press cycle. A 1 inch double acting air diaphragm pump (operating at 7 bar pressure) feeds slurry to the press, either directly from the Siltbuster hopper(s) or from a separate slurry holding tank, if required.

The press is filled by switching on the air diaphragm pump and leaving the press to fill until the pressure rises and the press pump rate slows. At this point, the air diaphragm pump is switched off, the press emptied and the cycle repeated.

Cycle times vary with material type but are typically around 20 to 30 minutes. Supervision is minimal with manpower only required during emptying of the pressed cake.

Filtered water expressed during the press cycle flows to a side channel for discharge/recirculation, whilst processed solids cakes are discharged to the ground, or into a skip via two tipping chutes under the press itself - It couldn't be easier !



“Come and talk to us about what we can do for you!”