



LINEAR WET PRESS

Parijatha Machinery, with their long and rich experience in manufacturing Heavy duty Hydraulic presses have developed the **Single Mould linear Wet press** for manufacture of **high density products** like Kerbstones, Dished water channels, Heavy duty slabs, Drain covers etc..

The wet-press technology is a revolutionary process which allows the production of high strength product and is regarded as the **strongest** form of concrete.

The products manufactured by this process have the unique qualities such as high compressive strength, low water absorption, abrasion resistance and most importantly resistance to freeze – thaw cycles.

PRODUCTS



Hevy Duty
Kerb Stones



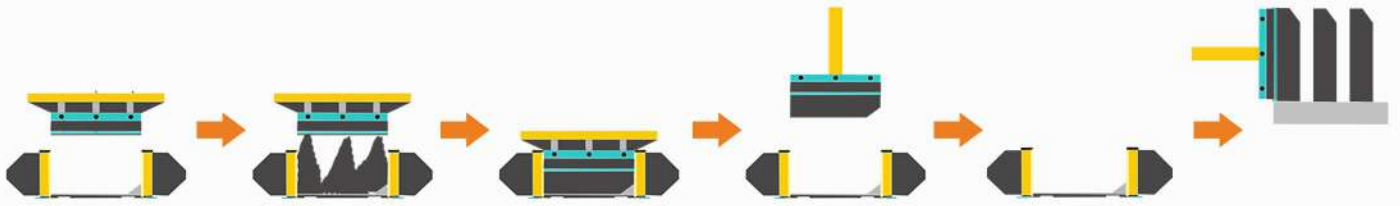
Dished Water Channel



Heavy Duuty
Paving Slabs



Drainage
Covers & Slabs



The specially designed Vacuum de watering system attached to the Press Head removes the water from the wet concrete mix during the pressing operation. Easily replaceable filters ensure that only the water content is removed from the product and not the cement. The wet mix poured into the mould comes out as a solid product after pressing.



The mould system comprises of a set of replaceable tooling which includes liners, locking plates, capping strips, profiles and spacer plates which help adjust the mould to various sizes based on the customers' needs. Bespoke Moulds can be specially developed according to the customer's specific requirements

The unique volume based dosing systems designed by our engineers based on requirements, ensure accurate dispensing of the material, thereby ensuring perfect consistency in the product dimensionally



TECHNICAL SPECIFICATIONS



Max working area
1100 x 600 mm



Production Capacity
70 cycles/hr



Max working pressure
400 ton



Power Required
40 HP

KEY FEATURES

- Heavy duty frame with robust design and construction, capable of handling high pressure required for manufacture of wet pressed products.
- Flexible Mould system with a possibility to manufacture various sizes and profiles using the same Mother mould, with additional tooling.
- Requires no curing process, hence reduces the time to market
- Specially designed hydraulic power pack capable of applying pressure up-to 400 tonnes
- Fast and smooth handling systems, customized for rapid production
- All functions controlled by a single electrical panel with PLC control, designed for simplicity and easy maintenance.
- Customizable concrete dosing and product handling systems

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