



# APM-416 ED

**Parijatha Four Station Hermetic Press APM-416 ED** is used for the manufacture of Terrazzo Tiles, paving Blocks, Slabs, Decorative and Grooved tiles.

The products can be produced in Two layer system (wet mix for the top layer and the low slump concrete for the backing layer) and Mono layer tiles using our Vacuum de-watering attachment. This unique process ensures that the products have a superior finish, excellent Abrasion resistance properties, Higher Tensile split strength and reduced water absorption properties

## PRODUCTS



Combipavers



Shot-Blasted  
Paver Blocks



Terrazzo Tiles



Decorative Tiles



This machine is equipped with all accessories like the face mix dispenser which accurately doses in the exact quantity of wet concrete even for multiple pockets.



The Handling system is designed to remove the pallets with the product and simultaneously place the fresh pallet into the collection tray.



The top face of the product after **SHOT BLASTING** has a unique finish and aesthetic look, which no other process can achieve.

## PROCESS

The wet concrete Mix for the top layer of the tile/block is poured in the mould through an automatic dispensing system, after which, the mould vibrates for set cycle time and moves to the second station. Here, the backing layer of the tile/block is filled directly to the mould with an automated dosing system. In the third station, the compression of the tile/block takes place at high pressure for the set cycle time and moves to the fourth station. The products are removed using pallets, which is then transferred to handling systems all of which is automated.

The products are then transferred for the curing and further processing.

## TECHNICAL SPECIFICATIONS



Max working area  
600 x 700 mm



Production Capacity  
250 - 300 cycles/hr



Max working pressure  
300 ton



Power Required  
35 HP

## KEY FEATURES

- Fully automated process for minimal manual intervention
- Variety of designs and finishes possible with low Mould costs
- Superior product strength due to Higher Pressing Force
- Sturdy and Robust construction with simplicity in design for long life and low maintenance costs
- Mono-layer tiles can be produced using the Vacuum de-watering

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