

COOTE SOLUTIONS

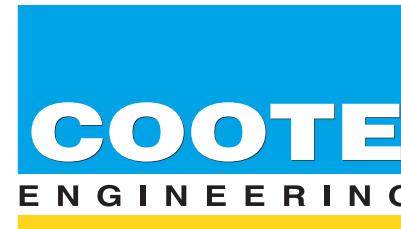
Should you require any information on our range of drycast systems, please contact our experienced technical staff.

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>> Dry Cast System

The Process

A dry or semi dry mix of concrete is used for this process. The concrete can have a variable slump to suit the product requirements.

The process is often referred to as "instant demould" as a mould is filled with concrete, vibrated to compact it, finished with a screed disc, and then the product is demoulded onto a pallet for the curing process to take place. This method of production means that a single mould can produce many products in a production shift. A product change means a mould change; this can be carried out within minutes.

The Equipment

Rotascreed • Shuttle Feeder • Vibrating Unit • Pallet Handler



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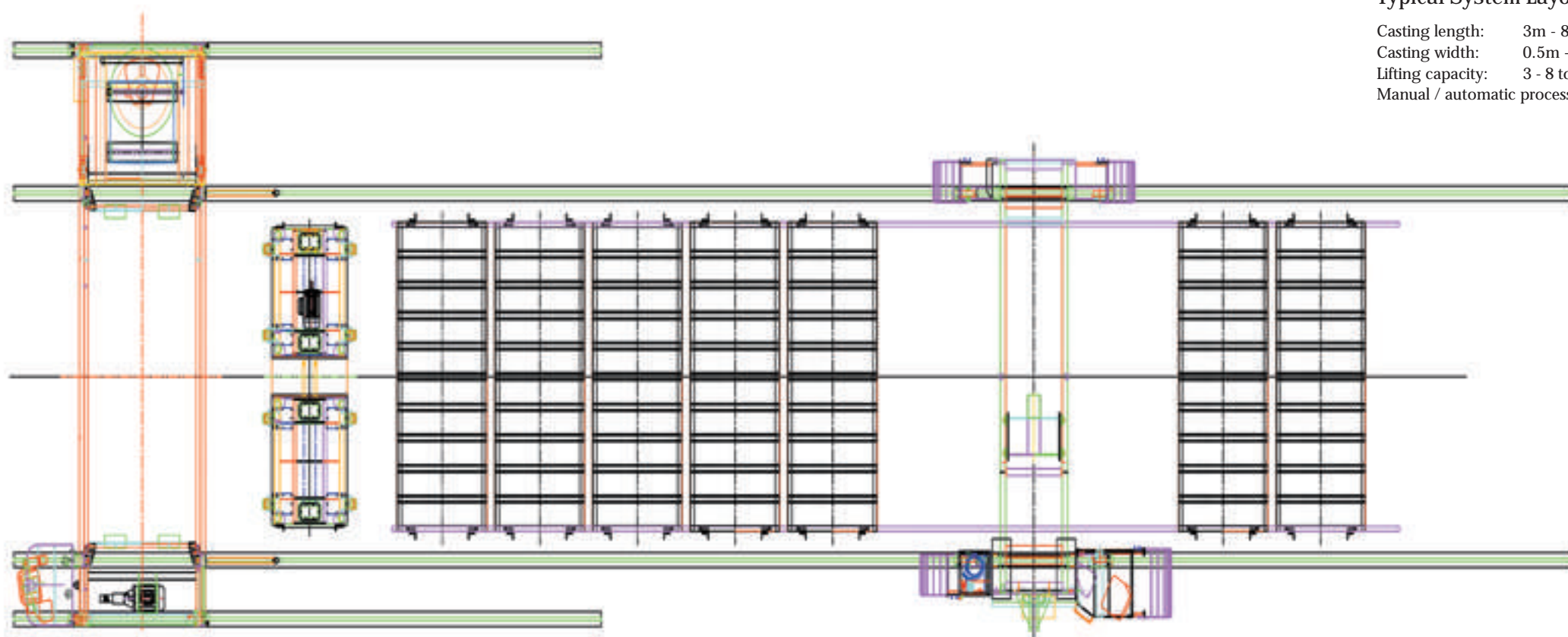
Specification subject to change without prior notification.

>> manufacturers of machinery & moulds for the concrete industry

drycast systems

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>> drycast system equipment



Typical System Layout

Casting length: 3m - 8m
Casting width: 0.5m - 3m
Lifting capacity: 3 - 8 tonnes
Manual / automatic process



Rotascreed

The Rotascreed is a complete mould handling and filling system. The Rotascreed lifts moulds from the preparation area and places them on the vibrating table. The premixed concrete is then fed from the Rotascreed's holding hopper, via a belt conveyor into the mould. The mould is then vibrated and the product is then finished with the unique "Coote finishing disc". The Rotascreed then lifts the mould from the vibrating table and sets it down in the collection position. It immediately restarts the production process by picking up the next mould ready for filling.



Shuttle Feeder

The Shuttle Feeder is a rapid filling system, designed to be used in conjunction with a Pallet Handler. The Shuttle Feeder sits in a parked position while the pallet handler places a mould onto the vibrating table. As the Shuttle Feeder traverses the mould, concrete is fed into it from the holding hopper via a belt conveyor. The mould is vibrated and the product is finished with the unique "Coote Finishing Disc". The Shuttle Feeder then returns to the park position where the holding hopper can be refilled.



Pallet Handler

The pallet handler is a very flexible and efficient machine for the handling of concrete mouldage, pallets and cured products. It can be used in conjunction with various Coote feed systems or as a stand alone unit.

The pallet handler has the ability to lift both moulds and pallets while rotating through 180° to demould or strip product. The pallet handler places fresh product into the curing stack, and removes cured product from the stack. The pallet handler can also place moulds on, and remove them from, the vibrating unit. Pallet handlers can be operated by a single person or can be automated, and in standard form can produce a stack of pallets up to 2.5m high.

>>> Rotascreed, Shuttle Feeder & Pallet Handler - Total drycast solution