

CONCRETE RECYCLING PLANT



India's Leading **Make in India** manufacturer of superb quality concrete batching plants established in Chennai.

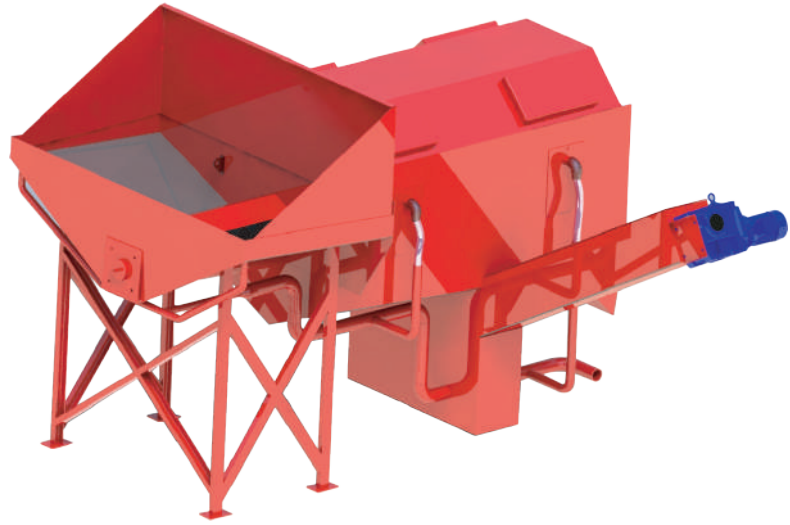
INDIA'S CONSTRUCTION MACHINERY MANUFACTURER

Tech Specs

Powerol Concrete Recycling Plants provide the highest cost saving advantage for its users by recycling concrete components as well as protecting the environment. Returned concrete as well as remains from washing truck mixers, pumps and mixers can be washed out, by separating aggregates and cement-water (grey water).

FEATURES

- Concrete recycling capacity 45 m³/hour.
- Washing of up to two trucks at the same time.
- Aggregate grading of sand and gravel separately
- Lowest water Consumption per cubic metre of recycled concrete
- Lowest Power Consumption per cubic metre of recycled concrete
- Lowest Operating cost
- High Grade wear resistant Steel construction



OPTIONAL ACCESSORIES

- Waste water tanks with Agitators.
- High Pressure Washing Station for Transit Mixers.

The system suitable for the customer's applications well as the capacity of the recycling plant need to be determined on base of the actual conditions.

TECHNICAL SPECIFICATIONS

	Model Enviro Pro 25P	Model Enviro Pro 15P	Model Enviro Pro 5P
Water Pump	5HP Submersible Pump	3HP Submersible Pump	2HP Submersible Pump
Screen	5HP Rotary Screen Gearmotor	3HP Rotary Screen Gearmotor	2HP Rotary Screen Gearmotor
Discharge	3HP Sand Screw Gearmotor	2HP Sand Screw Gearmotor	1.5HP Sand Screw Gearmotor
Inlet Feed	300mm Dia. Infeed Auger	250mm Dia. Infeed Auger	200mm Dia. Infeed Auger
Screen	6mm Square Op. Rock Screen	6mm Square Op. Rock Screen	6mm Square Op. Rock Screen
Output Screw	400mm Dia. Sand Screw	350mm Dia. Sand Screw	250mm Dia. Sand Screw
Fixed	2 Washout Stingers	2 Washout Stingers	2 Washout Stingers
Standard	440VAC, 50Hz, 3ø	440VAC, 50Hz, 3ø	440VAC, 50Hz, 3ø
Overall Dimensions	L 4100 mm x H 2900mm x W 2500mm	L 3900 mm x H 2700mm x W 2300mm	L 2900 mm x H 2500mm x W 2000mm

Model Enviro Pro 25P

Generally recommended for Mid-to Large Size Ready-Mix Plants

Operating around 10-30 Mixer Trucks

Design capacity up to 0.76 m³/minute

2 Truck Discharge

Model Enviro Pro 15P

Generally recommended for Small to Mid-Size Ready-Mix Plants

Operating around 3-10 Mixer Trucks

Design capacity up to 0.38 m³/minute

2 Truck Discharge

Model Enviro Pro 5P

Generally recommended for small Size Ready-Mix Plants

Operating around 1-5 Mixer Trucks

Design capacity up to 0.2 m³/minute

POWEROL

Unit 1 - No. 107 Industrial Park Road, Valarpuram Village, Sriperumbudur Taluk, Kanchipuram District, Tamil Nadu 602105

Unit 2 - 38/2 & 38/3, IIDC Nagari, Keelapattu Village, Nagari, Andhra Pradesh 517590

Illustrations and texts are non-binding and may include customized fittings. Subject to technical changes. Performance data depend on operational conditions.