

# POWEROL<sup>®</sup>

## CONCRETE RECYCLING PLANT



National Award winning India's first and only Concrete Recycling Plant that is capable of segregating sand, slurry, and aggregates as three separate components.

INDIA'S CONSTRUCTION MACHINERY MANUFACTURER

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## TECH SPECS

Powerol Concrete Recycling Plants has been the market leader & 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 upto 45 m<sup>3</sup>/hour.
- Washing of up to two trucks at the same time.
- Aggregate grading of sand and gravel separately
- Lowest water & Power Consumption per cubic metre of recycled concrete
- High Grade wear resistant Steel construction

## OPTIONAL ACCESSORIES

- Slurry water Treatment System
- Waste water tanks with Agitators.
- High Pressure Washing Station for Transit Mixers.
- 3 & 4 trucks Discharge Hopper Configurations



## TECHNICAL SPECIFICATIONS

	Model Enviro Pro30P	Model Enviro Pro20P	Model Enviro Pro12P
Water Pump	5HP Submersible Pump	3HP Submersible Pump	3HP Submersible Pump
Screen	5HP Rotary Screen Gearmotor	3HP Rotary Screen Gearmotor	3HP Rotary Screen Gearmotor
Discharge	5HP Sand Screw Gearmotor	3HP Sand Screw Gearmotor	2HP Sand Screw Gearmotor
Inlet Feed	300mm Dia. Infeed Auger	250mm Dia. Infeed Auger	200mm Dia. Infeed Auger
Screen (Type)	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, 3φ	440VAC, 50Hz, 3φ	440VAC, 50Hz, 3φ
Overall Dimensions	L 4100mm x H 2900mm x W 2500mm	L 3900mm x H 2700mm x W 2300mm	L 2900mm x H 2500mm x W 2000mm

### Model Enviro Pro 30P

- Generally recommended for Mid-to Large Size
- Ready-Mix Plants
- Operating around 10-30 Mixer Trucks
- Design capacity up to 45 m<sup>3</sup>/hr
- 2 Truck Discharge

### Model Enviro Pro 20P

- Generally recommended for Small to Mid-Size Ready-Mix Plants
- Operating around 3-10 Mixer Trucks
- Design capacity up to 23 m<sup>3</sup>/hour
- 2 Truck Discharge

### Model Enviro Pro 12P

- Generally recommended for small Size Ready-Mix Plants
- Operating around 1-5 Mixer Trucks
- Design capacity up to 12 m<sup>3</sup>/hour
- 1 Truck Discharge

# POWEROL

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