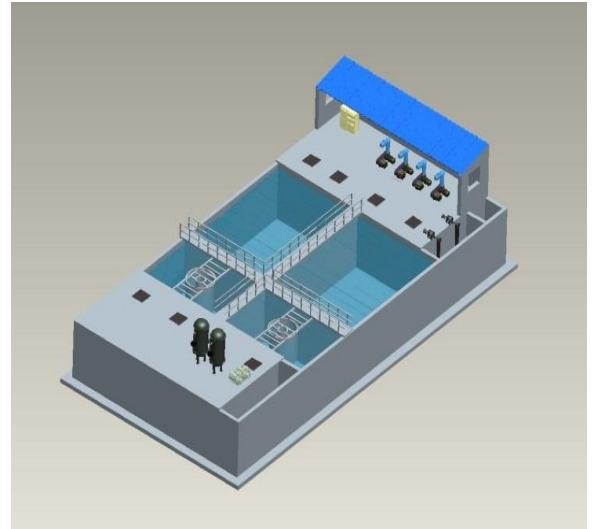


BHARTI PACKAGE SEWAGE TREATMENT PLANT

We are offering Modular package sewage treatment plant to handle domestic and industrial sewage. These plants are designed and manufactured based on advanced Moving Bed Bio Reactor (MBBR) Technology. Standard modules with capacities ranging from 5 m³/day to 500 m³/day in Standard Containers.

These Containerized Plants can effectively meet the demand of water in remote areas. These systems are designed for efficient BOD/COD, Nutrient removal along with advanced microfiltration and disinfection. It can be easily installed and operated and can be moved to new sites.

- The completely pre engineered units doesn't require and can be erected and commissioned in a short time span.
- These units can be located either on the top of the building, structures or in the basement.



Benefits of Our System

- Colorless & Odorless Treated Water
- Fully Automated plant with PLC
- Skid Mounted and easy to expand through modules
- Ease of Transportation and shifting
- Suitable even if there is uneven supply of sewage
- Overall Organic & Inorganic, Nutrient & Total Nitrogen removal up to required level
- Less Sludge Production
- Very Compact
- Low Operating Cost
- MLSS and SVI monitoring not required.
- Treated sewage can be reused for flushing, irrigation, construction and many more potable uses
- Green Sustainable Eco-Friendly Sewage Treatment Plant



Applications

- Hotels / Resorts
- Hospitals
- Residential Complexes and Townships
- Commercial Complexes
- Software Parks
- Construction Sites & Labor Camps
- Military Camps
- Small & Medium Industries

Standard Models

Flow	Models	Typical Footprint	Effluent Discharge Limits	Power Consumption (kwh/day)
100 m ³ /day	SW100	15 m ²	BOD< 10 mg/l, TSS < 5 mg/l	90
	SW100BNR	30 m ²	BOD< 10 mg/l, TN < 2 mg/L	110
250 m ³ /day	SW250	20 m ²	BOD< 10 mg/l, TSS < 5 mg/l	115
	SW250BNR	40 m ²	BOD< 10 mg/l, TN < 2 mg/L	130
500 m ³ /day	SW500	30 m ²	BOD< 10 mg/l, TSS < 5 mg/l	225
	SW500BNR	75 m ²	BOD< 10 mg/l, TN < 2 mg/L	250
750 m ³ /day	SW750	45 m ²	BOD< 10 mg/l, TSS < 5 mg/l	250
	SW750BNR	120 m ²	BOD< 10 mg/l, TN < 2 mg/L	300

<u>STANDARD OFFERING</u>	<u>ADD-ONS</u>
<ul style="list-style-type: none"> • Inlet Fine Screen • MBBR Reactor • Bio Carriers • Aeration Grid • Blowers along with VFD • DO Analyzers • Tube Settler • Filter Feed Tank • Dual Media Filter • Sludge Dewatering Unit • Polymer Dosing System • Disinfection System • PLC with Starter • Required Piping Valve Electrical Work • Engineering Startup & Commissioning 	<ul style="list-style-type: none"> • Nutrient Addition • SCADA • Inlet & Outlet Storage Tanks • Buildings • Piping 5 ft from Equipment • Utilities (Construction water, Compress air, Power connection) • Equalization

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Reg. No. NSIC/GP/PAR/2016/49494
ISO 9001: 2008



certificate no. 1100117056K
ISO 9001: 2015
Quality management



certificate no. 1100117057K
ISO 14001: 2005
Environment Management



certificate no. 1100117059K
ISO 22000: 2005
Food Safety Management



certificate no. 1100117058K
OHSAS 18001: 2007
Occupational Health & Safety Management

Occupational Health & Safety Management