



## MICRO PACK STP



# PACKAGED SEWAGE TREATMENT PLANT

Quite commonly, centralised sewage treatment plants (STPs) are in practice. However, because of the large volume discharged in one place, the centralised sewage treatment plants aggravate the environmental problem.

Considering the environmental challenges posed by centralised STPs, and current legislative guidelines, the decentralised sewage treatment plants are becoming more practical and popular.

In line with this consideration, we have developed a packaged STP that satisfies custom requirements. It is simple to operate and requires minimal maintenance, power, land and consumables. The packaged STPs are manufactured in Mild Steel (with FRP lining or epoxy coating), or modulated FRP as required by specific needs. We offer a range of capacities for our STPs (from 5 m<sup>3</sup>/day to 500 m<sup>3</sup>/day).

These Compact plants are ideal for hotels, industries, hospitals, holiday resorts, schools, housing estates, industrial / commercial complexes, shopping malls, residential apartments, hostels and site offices to mention a few.

## BASIC OPERATION

- Primary solid separation
- Aeration based on Moving Bed Bio-Reactor (MBBR) principle
- Secondary solid separation
- Disinfection
- Final filtration

## BENEFITS OF PACKAGED STP

- Reusability of treated water
- Absence of foul odours
- Minimal sludge generation
- Smaller footprint
- Ease of mobility