



METROFLEX

METROFLEX INDUSTRIES LIMITED

Revolutionizing Sewage & Water Treatment Solutions

“Transforming Waste into Resources”

An ISO 9001:2015 company

ENGINEERS, MANUFACTURERS & CONTRACTORS

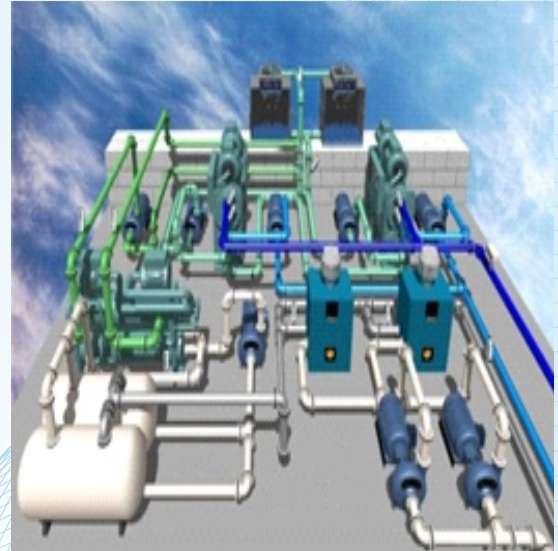


Welcome to METROFLEX Sewage & Water Treatment Equipment Manufacturing Solutions

METROFLEX is a leading manufacturer of STP & WTP equipment, dedicated to supporting the industry with innovative solutions that promote environmental sustainability and public health. With our cutting-edge technology and commitment to excellence, we empower communities and industries to manage wastewater responsibly and effectively.

About METROFLEX

METROFLEX Industries Limited is the engineering operating arm of the METROFLEX group. It is an independent company with a wealth of legacy Drawings & Engineering design having integrated facilities for Design, Manufacturing, Installation, commissioning, After sales servicing & Spare support services.



Quality Policy

Achieving exemplary quality in delivery of our supplies & services is of prime importance to our company. With the expertise of our team of trained professionals, we always strive for improving our skills, systems, procedures and working methodology to ensure the highest level of quality services to our customers.

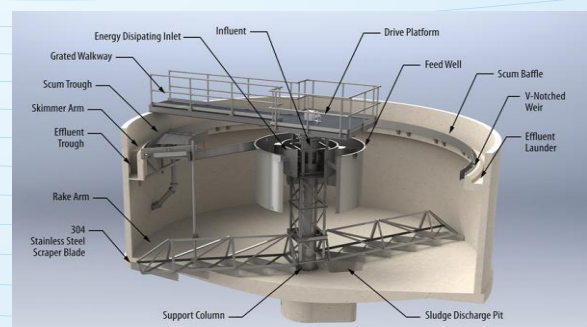
Our Motto is : Top Quality-second to none.

Our Products And Services

CLARIFIERS – CENTRALFEED & PERIPHERAL FLOW CLARIFIERS

Clarification is the oldest and widely used operation in the effective treatment of waste water.

Clarifiers are settling tanks built with mechanical means for continuous removal of solids being deposited by sedimentation. A clarifier is generally used to remove solid particulates or suspended solids from liquid for clarification or by thickening. Storage capacity: 3,000 Ltr. - 50,000 Ltr. Water Overflow Rate / SOR : As Per Design.





PRESSURE SAND/ ACTIVATED CARBON FILTERS

These filters are popular for the removal of suspended solids, organic compounds, taste, odour, and chemical contaminants is essential to produce safe and high-quality water for various applications. Metroflex offers both Pressure sand filters and activated carbon filters- the two commonly used filtration technologies, each offering unique capabilities in removing specific types of impurities from water.



MECHANICAL BAR SCREEN (Multi Rake Type)

Mechanical bar screens serve as the initial barrier in wastewater treatment plants, capturing large solids and preventing them from damaging downstream equipment or interfering with treatment processes.

Metroflex offers complete assembly consisting of multi moving rack type mechanical coarse bar screen, with drive motors & gearing arrangement.

SIZE – 200 mm to 3000 mm width by 15 m depth.

STEP SCREEN

These screens are intended for medium & small Waste solids from effluent channel & recommended to be used at Waste Water treatment plant.

The operating principle of step screens involves a series of steps or plates arranged in a staggered configuration to intercept and remove large solids and debris from wastewater.

Material – SS304 / SS 316



CAST IRON SLUICE GATE

The sluice gate is constructed from high quality cast iron, a durable and corrosion-resistant material that is well-suited for use in water and wastewater environments.

Cast iron provides strength and stability to the gate structure, allowing it to withstand high pressures and harsh operating conditions.

Type – manual with hand wheel, Actuator operated rising, Non rising spindle type.

Spindle – SS/MS/Brass

Sealing – SS/Brass/Rubber

Size – 200 mm to 3000 mm

CI MANHOLE COVER

Cast Iron Manhole covers (circular and rectangular). These may be single sealed or double sealed depending upon the load capacity requirement.

Size – 100 mm to 1200 mm in circular & Rectangular shape.



CAST IRON FITTINGS / DUCTILE IRON FITTINGS / HDPE FITTINGS

Products manufactured as per client requirement, Fittings are with flange or without flange. Pressure Resistance – 2.5 to 16 kg/cm²



 Malleable Iron pipe Fittings	 Flanges	 But – Welding Fittings	 Valves	 High pressure Fittings	 Ductile Iron pipe Fittings
 Quick Couplings	 PTFE Thread tape	 SS Pipe Fittings	 Nipples & Sockets	 Pipes	 Gaskets

MILD STEEL PIPES

Complete range of pipes for pipe lining & tubing purpose. These are generally used for Drinking Water, Plumbing, Fire Fighting & HVAC systems.

Available with flange & without flange.

Size – 80 mm to 3000 mm diameter

Thickness – 5 mm to 30 mm

Pressure Resistance – 25 to 16 kg/cm²



NON RETURN VALVE

A Non Return valve is fitted to ensure that a medium flows through a pipe in the right direction where pressure conditions may cause reversed flow

Size – 80 mm to 1500 mm

Size – 200 mm to 3000 mm



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