

PlanetDISK®



Compact Biological Wastewater Treatment Systems Rotating Biological Contactor (RBC) Technology

Product Information MX1 Model



- Domestic Sewage Treatment of Houses, Hotels, Villages (Capacities: 10 – 4000 m³/day)
- Each unit capacity = 40-80 m³/day depending on effluent and influent characteristics and wastewater temperature
- Each Unit power requirement= 0,37 kW



TECHNOLOGY of PlanetDISK®

- Rotating Biological Contactor (RBC) Technology
- Attach growth biofilm technology
- Features protected by Utility Model Certificate, Design Certificate, Registered Trade Mark, CE certificate

ADVANTAGES of RBC TECHNOLOGY

- Economical – Low Energy Demand, up to 90 % energy saving compared to activated sludge, SBR system.
- Due to system's low energy demand, it is easily operable with renewable energy
- Consistent Process Results even against shock biological loads up to 250% changes.
- Easy Operation and Maintenance
- No annoying smell or noise problems



MATERIALS

- Fiber Glass Body
- Virgin material PP (Polypropylene) one-piece Discs (min 1,4 mm thickness, 2050 mm dia.)
- Epoxy painted St37, galvanized or stainless steel chassis
- Plastic spacers between discs
- SS or Galvanized steel structure rotor cage + 17 mm thick one piece PP plate
- Heavy duty ball bearings
- Epoxy painted AISI 1045 Carbon Steel solid shaft (85 mm dia.)

DELIVERY & PACKAGING

- Unit dimensions= 2300mm(W) x 3250mm(L) x 3000mm(h) Empty weight ≈ 2000kg. Full operational weight≈7500 kg
- 3 MX1 units fit in 40ft high cube container with lids
- 4 MX1 units fit in semi-trailer truck with lids

INTERNATIONAL WARRANTY CONDITIONS

- PlanetDISK® MX1 carries 2 yr. International Warranty of PlanetTEK Inc. with the exceptions of; Electrical parts (motor and control panel parts) which has 1-yr warranty. Ball bearings carry 5-yr warranty



GERMAN 
Technology

MADE IN
TÜRKIYE



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