



## Pilot ASO® MBBR Aerobic Biological System

**PEWE** recommends before and after lab tests be conducted on representative water samples. This testing should reflect the facilities typical daily wastewater discharges. Lab tests generally include TSS, TDS, TBOD, COD, BOD, FOG, TKN, TP and pH. Lab test costs are not included in the pilot rental.

### Pilot Utilities

The electrical control panel is designed for a voltage of 480v, three phase, 60Hz, and has a 30 amp maximum current draw. Installed power is 1.5 Hp. The system has a 110v on-board DO meter, running light and 2 power outlets for the de-foam system and field test accessories or lap-top. Fresh water is necessary for dilution of chemicals and final cleaning of the equipment.

### Chemicals

**PEWE** will arrange with your choice of chemical vendor to supply the appropriate type and quantities of required chemicals. Testing is suggested prior to selecting any chemical program. The cost and delivery of these chemicals are not included with the pilot rental.

### *Reduce Your BOD & COD by PEWE!*



## **PEWE ASO® MBBR Pilot**

### Biosolids

The biological solids are removed by a simple mechanical filter. The permeate may then tested for the desired characteristics as required by the test protocol.

### Footprint

Footprint of MBBR: 5' wide X 8' long  
Footprint of work area: 10' wide X 12' long



### **PEWE Pilot Test System**

**PEWE** offers complete pilot testing of water and wastewater streams for the purpose of proofing its treatability. The pilot test **ASO® MBBR** system is skid mounted for easy transportation, comes with an experienced operator for set-up, trialing and the return shipment. The **ASO® MBBR** pilot is a fully scaled version of it's larger "brothers", is constructed in stainless steel and PVC wetted parts for corrosion resistance, utilizes VFD driven regenerative turbine blower technology and is operated with the **PEWE Control** system.

The unique technology built into the **ASO® MBBR** pilot system maximizes COD and BOD reduction while eliminating the need for RAS, lowers chemistry usage and sludge production. Pilot testing provides management with the valuable data needed for making key design and return on investment decisions.

The standard rental is for twelve weeks. Additional testing may be arranged as necessary. To schedule a pilot **ASO® MBBR** test trial, simply complete the rental agreement, select a test period and forward the advance payment.

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