PEWE Vision

Our clients will find with US Patents #8431022, #9962631 and #D827765, as well as twenty-four Trademark registrations, the PEWE product portfolio offers innovative process and wastewater treatment solutions as well as reuse opportunities. The PEWE research and development team is continuously active seeking new technologies for the Industrial and Municipal global markets.

This allows PEWE to offer optimal package systems at the lowest cost, producing the highest revenue from your process and waste-stream. We design, manufacture, construct and warrantee our treatment systems.

ParaLam Weir™

System design efficiency equals better performance at reduced operational life-cycle cost.

PEWE Raises the Standard

Patent pending products and systems are designed in-house and produced under tight quality control standards. Systems are constructed in stainless steel, polypropylene and PVC for long-lasting durability and low maintenance. Detailed engineering design means operational ease and simple equipment care.

Some of the product features you will come to expect in your next system can be found only on a PEWE system. The unique technology built into PEWE systems, such as the HD²XLRator™ LS DAF (pictured), maximize TSS removal while minimizing chemistry usage and sludge production.

Assembly Line Production—Highest Quality Delivered On Time
PEWE Innovative Solutions

PEWE entered the market in 2007 as a manufacturer of dissolved air flotation systems and since has added screening, clarification, dewatering and other related treatment equipment to its product portfolio. PEWE holds US Patents #8431022 and #9962631 for DAF design as well as #D827765 for MBBR Media design, and 24 registered trademarks. This combination of PEWE’s manufacturing expertise for wastewater equipment combined with exceptional customer service ensures customers well supported for many years. For complete details please refer to the PEWE website.

Product Groups

- **PolyAccu Dose® Chemical Stations**
  - LD Static Mix System
  - PDC Active Blend Blade® System
  - RGT High Volume System

- **G²-SEP® Plate Settler Clarifier**

- **DeWater® Systems**
  - DBP Belt Press
  - RDT Rotary Drum Thickener
  - TRU Truck Receiving Unit
  - CSP Compactor Screw Press

- **Dissolved Air Flotation**
  - Dueler® DAF
  - HD²XLRator® DAF
  - Nx²JEM® DAF
  - Poly-E® DAF
  - T³-MAX® DAF

- **Oil/Water Separator**
  - OZ® System
  - OWS System

- **SuperSkreen® Systems**
  - SSB Bar
  - SSE External
  - SSI Internal
  - SSP Parabolic/Side-hill
  - SSC Channel

- **Command Control® Panel**
  - ASO® Bio-Carrier
  - MBBR Media
Client Support Team

Mr. Stuart Ward: General Manager
Stuart earned his Industrial BS in (1987) and later received a Master of Business Administration from the University of Oregon (1993). Stuart Ward has been published in Pollution Engineering magazine including "DAF Design", "Regenerative Turbine Aeration", and the "Ten Commandments of TSS Treatment". He has presented papers at conferences for the Oregon Dairy Industry, Northwest Food Processors Association, Washington State University, Washington Association for Food Protection, California League of Food Processors, International Poultry Conference and the Food Industry Environmental Conference.

Mr. Robert Ward: Client Systems Engineer
Robert earned his Chemical Engineering BS (2018) from Washington State University. He has eight years of equipment experience, including manufacturing, engineering and field work. Robert is responsible for designing systems, project installation, start-up, controls training and on-going support. Robert is multi-disciplinary creating product drawings, performing system biological calculations and development research. Robert follows up on any client service request.

Mr. John Leach: System Specialist
John has 20 years of equipment experience. John is in charge of system manufacturing and knows the equipment inside and out. If there is a problem to be solved he and his field crew are capable of handling it. He assists with client installations, start-up, training and on-going service support. John holds a WABO welding certification.

Mr. Johnathan Ward: Purchasing Manager
Johnathan is responsible for purchasing and client system manufacturing. He earned his BS in Marketing (2018) from Washington State University. Johnathan also holds a GMAW welding certification and knows the equipment inside and out.
Pilot Test Systems

**PEWE** offers complete pilot testing of water and wastewater streams for the purpose of proofing for treatability. The pilot test systems are skid mounted for easy transportation, come with an experienced operator for set-up, trialing and return shipment. The pilots are a fully scaled version of their larger "brothers", are constructed in stainless steel and PVC for corrosion resistance, utilizes **Rogue** regenerative turbine aeration technology and is operated with the **PEWE Command Control®** systems.

**Nx² JEM® AS Pilot Test DAF**

The unique technology built into each **PEWE DAF** system maximizes TSS removal while minimizing chemistry usage and sludge production. Pilot testing provides management with the valuable data needed for making key design and return on investment decisions.

**DeWater® DBP Press Test System**

**PEWE** offers complete dewater testing of solids generated from wastewater and other process streams. The test filter press system is skid mounted for easy transportation and setup. An experienced Technician will provide for sludge preparation, operation of the equipment during the trial and packaging for return shipment. The test press is a scaled version of it’s larger “brothers”, is constructed in stainless steel for corrosion resistance and is operated with a simple variable speed/pressure control system.

**MBBR Pilot Test System**

**PEWE** offers complete pilot testing of water and wastewater streams for the purpose of proofing its treatability. The pilot test **MBBR** system is skid mounted for easy transportation, comes with an experienced operator for set-up, trialing and the return shipment. The **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 twin VFD driven regenerative turbine blower technology and is operated with the **PEWE Control** system.
# Project References

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**PROCESS ENGINEERED WATER EQUIPMENT LLC**

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