

PEMO PUMPS

PEMO is operating in worldwide market since 1947, manufactured and shipped more than 40,000 pumps

PEMO PUMPS, is headquartered in a 20000 m² factory complex in Vimodrone – Milan, Italy, is world renown for designing and manufacturing customized centrifugal pumps for the most difficult abrasive and/or acid applications

Main Applications:

- **Mining, Quarries and Aggregate materials washing**: PEMO pumps are used in feeding separating hydro-cyclons, floatation systems and to transfer slurries in ponds, yellowcake applications and water treatment plants etc.
- **Stone Industry**: PEMO is a World Leader in pumps for granite gangsaws
- **Ceramic Industry**: PEMO is the World Leader for pumps that transfer ceramic slip
- **Chemical Industry**: There are a growing number of PEMO pumps being used within the chemical industry. Usually these pumps deal with both acids and abrasive particles. Many have parts made of special alloys
- **Filter-Press Feeding**: This is an application where in most cases PEMO pumps have little or no competition, thanks to our DC (double stage) and TC (triple stage) pumps.
- **Steel Mills**: PEMO pumps are widely used to transfer hot water up to 80 °C (176 °F) with a presence of oil and metal flakes. They are also used in water treatment plants.
- **OFMSW treatment**: PEMO pumps are used to transfer the shredded or digested Organic Fraction of Municipal Solid Waste. No clogging technology, thanks to an impeller specifically designed for this application
- **Power Plants and FGD**
- **Painting Plants**
- **Pulp and Paper**
- **Distilleries**
- **Perforations and Tunnelling**
- **Sugar Industry**
- **Food**: mainly washing and product transfer

Design features:

- Impeller open type design, rubber lined or metallic type casted in Hardalloy PEMO, AISI, Duplex, Hastelloy C and others
- Rubberized casings, made in two halves shells with protected interior part with separable or vulcanized rubber lining
- Most of PEMO Pumps have parts coated with natural rubber or a synthetic (neoprene, nitrile, butile, EPDM, etc.)
- Capacity range up to 2000m³/h
- Pressure limit up to 24bar (triple stage pump or S-FP AOAB-TC AS B77)

PEMO PUMPS Models:

- 20 different basic models
- 8 different all-Hardalloy models
- 5 different models of pumps which can be casted in special Alloys
- Horizontal: AO – AO/TD – AO/AB
- Submersible Serie
- Vertical Serie: JOLLY – MEC – AUS/VA&AUS/VE