



POLYMEL®

BLENDING AND MIXING SYSTEM

- SMP -

PIERRE GUERIN has a long established reputation for know-how and high quality in the fabrication of stainless steel equipment and totally automatic process lines.

As leader in the fields of Food, Pharmaceutical, Fine Chemical and Cosmetic Industries, we can offer various options for mixing and reconstitution of many products.

All our equipment is manufactured in our modern purpose-built factory in Niort (France).

POLYMEL® REGISTERED TRADEMARK

APPLICATIONS

- Reconstitution of milk derived products
- Fortification and standardisation of liquid milks
- Sugar dissolving
- Incorporation of stabiliser
- Brine preparation
- Manufacture of pizza sauce
- Blending of salt and oil
- Reconstitution of egg white
- Preparation of food sauces
- Dissolving of detergent pellets...

ADVANTAGES

- Simple and robust mixing system guaranteeing a rapid and homogeneous result
- Production economies due to reduced handling and product losses
- Suitable for a wide range of applications
- Easily installed in existing lines
- Range of model sizes up to :
 - 9 900 kg/hr - powder
 - 32 m³/hr – liquid.

Moreover, **PIERRE GUERIN** offer you :

- Short delivery time
- Technical and spares after sales service
- Low maintenance costs.



TECHNICAL SPECIFICATIONS

- Leakproof by means of mechanical seal and 'O' Ring gasket
- 50 liters, 60° conical funnel
- Tangential liquid entry diffuser
- Open turbine with inverted blades
- Pulleys and belt drive on models 50 and 150
- Motor 230 or 400 V class F
- Protected shaft
- Conformity with CE directives
- Construction :
 - All contact parts in stainless steel 1.4401 (316)
 - Gaskets in EPDM
- Finish :
 - Internal, polished to grit 400
 - External satin
- With clamp connections.

OPTIONS

- Mechanical seal : silicon carbide for abrasive products
- Alternative fittings
- Air operated butterfly valve
- Viton gaskets
- Flame proof motor
- Stainless steel motor cover
- Alternative seals
- Trolley mounted.