

Processing stirring tanks PST250–3000

STIRRING PROCESS:

MIXING PROCESS:

Produce with ease



Milk whey Yogurts



Lactic cheese Creams



Chocolates Marmalades Pudding



Ketchup Sauces Panna cotta



Rice Milk Creamy cheese and much more ...

| Stirrers | Your products | Viscosity (Cps) | + scraper | | | | | | | | | | | | | | | | |
|----------------|---------------|-----------------|---|---|---|---|---|----------------------------------|------------------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|
| | | | Helical TYPE 1 R 25–70 rpm 30–160 m/min | Helical TYPE 2 R 17–50 rpm 21–120 m/min | Helical TYPE 3 R 25–70 rpm 25–160 m/min | Helical TYPE 4 R 25–70 rpm 30–160 m/min | Propeller TYPE 1 R 19–37 rpm 20–150 m/min | Propeller TYPE 2 R 20–200 rpm | Propeller TYPE 3 R 450–1800 rpm | Propeller TYPE 4 R 60–300 rpm | | | | | | | | | |
| Milk | 3 | | | | | | | | | | | | | | | | | | |
| Guar gum 0.5% | 130 | | | | | | | | | | | | | | | | | | |
| Sweet cream | 200 | | | | | | | | | | | | | | | | | | |
| Whey | 500 | | | | | | | | | | | | | | | | | | |
| Lactic cheese | 500 | | | | | | | | | | | | | | | | | | |
| Liquid yogurt | 1000 | | | | | | | | | | | | | | | | | | |
| Ketchup | 1000 | | | | | | | | | | | | | | | | | | |
| Stirred yogurt | 2200 | | | | | | | | | | | | | | | | | | |
| Yogurt | 2600 | | | | | | | | | | | | | | | | | | |
| Tomato sauce | 2600 | | | | | | | | | | | | | | | | | | |
| Chocolate | 2800 | | | | | | | | | | | | | | | | | | |
| Greek yogurt | 3500 | | | | | | | | | | | | | | | | | | |
| Guar gum 1% | 4000 | | | | | | | | | | | | | | | | | | |
| Marmalade | 8500 | | | | | | | | | | | | | | | | | | |
| Pudding | 9000 | | | | | | | | | | | | | | | | | | |
| Rice pudding | 10000 | | | | | | | | | | | | | | | | | | |
| Spreads | 15200 | | | | | | | | | | | | | | | | | | |
| Guar gum 2% | 16000 | | | | | | | | | | | | | | | | | | |

| MIXING STIRRERS | Dispersion LIGHT 500–1500 rpm | Dispersion PRO 600–3000 rpm | Dissolver 500–1500 rpm | Homogenization 500–1500 rpm | Blender 100–400 rpm | Screw 30–120 rpm |
|------------------|----------------------------------|--------------------------------|---------------------------|--------------------------------|------------------------|---------------------|
| Guar gum 0.5% | 130 | | | | | |
| Sugar 20% | 500 | | | | | |
| Sugar 40% | 1000 | | | | | |
| Powders - type 1 | 1000 | | | | | |
| Sugar 60% | 1500 | | | | | |
| Sugar 80% | 2000 | | | | | |
| Powders - type 2 | 3000 | | | | | |
| Guar gum 1% | 4000 | | | | | |
| Powders - type 3 | 4000 | | | | | |
| Guar gum 2% | 16000 | | | | | |
| Solid particles | 0.01–0.5 mm | | | | | |
| | 0.5–2.0 mm | | | | | |
| | 2.0–6.0 mm | | | | | |
| | 6.0–... mm | | | | | |

Highly recommended
 Recommended
 Good
 Good with limitations
 Accessory

The LIGHT dispersion stirrer performs an optimal mixing without air intake. The stirrer can be used for suspension, dispersion and homogenization processes of low viscosity products. The dispersion head has custom made holes adapted to the process.

The PRO dispersion stirrer performs a high-performance mixing of content in the micro and macro range without air intake. It creates a controlled, wetting-out process by separating and breaking down the agglomerates. The stirrer can be used for suspension, dispersion and homogenization processes of semi-viscous products. The dispersion head has custom made slots adapted to the process.

The dissolver stirrer is used in emulsification and dispersion processes. It is designed for mixing liquid products with dispersed solids or for very viscous products.

The homogenization stirrer is used in homogenization processes. It is designed for low viscous products.

The blender stirrer is used for blending, mixing, and emulsification processes of semi-viscous products. The blender stirrer works in a combination with the helical type 2 stirrer which continuously supplies unmixed product.

The screw stirrer is used for mixing processes. It is designed to provide an efficient vertical flow of semi-hard pieces without damaging them and when mixing high viscous products. The screw stirrer works in combination with the helical type 2 and 3 stirrers which continuously supplies unmixed product.

As food producer I can make a lot of different foods with the same setup.

Note: Rotation speeds depend on the vessel dimensions.