



Tetra Pak® Curd Distribution Tank

Machine for evenly distributing curd to blockforming towers



Application

Tetra Pak® Curd Distribution Tank is used to mix and distribute an even amount of curd to your blockformers. Curd is either air blown or augured into the Curd Distribution Tank from the draining/salting belt and is uniformly distributed to the block forming towers.

Working principles

The curds enter through the top and are moved around the central cone by a paddle which ensures an even distribution to all the outlets, and onwards to the block formers downstream. The tank senses the level of the curds. Once it senses sufficient product, it will activate the filling sequence and start filling the block formers.

Highlights

- Can support a wide range of line capacities to match your upstream equipment
- Uniformly distributes curd to multiple block forming towers to minimize product variations.
- Filling sequence is activated only when there is sufficient curd in the tank, leading to a stable production

Standard equipment

- Curd inlet on the top, flange connection
- Agitator consisting of 4 motor driven stirring paddles
- Frequency controlled drive with stainless steel cover
- Curd distribution chute
- Manway on side wall
- Air vent(s) on top of tank, as required
- High level sensor
- Fill level determined by agitator torque
- Multiple 3 inch curd outlets
- CIP header with air bleed connections to curd outlets
- CIP spray balls with interconnecting pipe work

Control system

The Tetra Pak® Curd Distribution Tank is fully automated. Available control systems include either Allen Bradley or Siemens.

Options

- Cyclone
- Curd feed swing bend panel
- Curd feed manifold
- Steam injection

Capacity and weight

Model	Tetra Pak® Curd Distribution Tank
Capacity	Up to 12 000 kg/hr 26 455 lbs/hr
Weight	2 000 kg 4 400 lbs

Technical data

Model	Tetra Pak® Curd Distribution Tank
Power requirements	15 kW/20 HP @400VAC 3Ø
CIP Flow Rate	44 GPM @ 22 PSIG 10 m3/hr @ 1.5 bar
Curd Outlet Size	3 in 76.1 mm
Number of Curd Outlets	Minimum of 4 outlets

