



11.02 Pumps

In a traditional dairy, pumps are used for the milk flow between the processing steps.

1. Pumps transfer milk from a raw milk storage tank to a flow pasteuriser.
2. Pasteurisation is the process of heating milk to a specific temperature for a certain amount of time to kill harmful bacteria. Pumps keep a higher pressure downstream after pasteurisation.
3. Separators are feed by the pasteuriser pump.
4. Homogenisation is a process that breaks down the fat globules in milk—not often used in biodynamic dairy. A Homogeniser is a self-priming pump.
5. CIP (Clean-in-Place) system: Pumps circulate cleaning solutions through the processing equipment, storage tanks, and pipelines to ensure they are thoroughly cleaned and sanitised.

Pumps are critical in processing unless the dairy is designed for flow by gravity, ask Mejeriet how to do this.

11.02 - Technical data - Pumps

Qty	ID	Description	Price - €	Total - €
	EPM-050	SELF-PRIMING ELECTROPUMP Delivery: 50 l/min Pump made of stainless steel, painted motor. Single-phase - HP 0,6 + stainless steel trolley + d. 30 mm hose nylon connections		
	EPM-050/2	OPTION OUTLETS DIN32		
	EPM-120	SELF-PRIMING ELECTROPUMP Delivery: 120 l/min Pump in stainless steel, painted motor. Single-phase - HP 1,5 + stainless steel trolley and DIN 40 or DIN 50 connections.		
	EPM-120/1	S.S. CARTER FOR PUMP		
	EPM-230	SELF-PRIMING ELECTROPUMP Delivery: 230 l/min Pump made of stainless steel, painted motor. Single-phase - HP 2 + stainless steel trolley and DIN 50 connections.		
	EPM-230/1	S.S. CARTER FOR PUMP		
	EPT-350	SELF-PRIMING ELECTROPUMP Delivery: 350 l/min Pump made of stainless steel, painted motor. Three-phase - HP 5,3 + stainless steel trolley and DIN50 or DIN65 connections.		
	EPT-350/1	S.S. CARTER FOR PUMP		
	PA-400	SELF-PRIMING FOOD STANDARD ELECTRO-PUMP Delivery: 400 l/min (0 m) Entirely made of stainless steel flexible impeller Three-phase - HP 3 + trolley DIN 50 Openings		



- PA-820 SELF-PRIMING FOOD STANDARD ELECTRO-PUMP**
Delivery: 820 l/min (0 m) Entirely made of stainless steel flexible impeller
Three-phase - HP 4 + trolley DIN 50 Openings
- PC-160 CENTRIFUGAL FOOD STANDARD ELECTRO-PUMP**
Delivery: 160 l/min (0 m) Entirely made of stainless steel Three-phase - 0,55 KW + 3 feet DN 32 Openings
- PC-300 CENTRIFUGAL FOOD STANDARD ELECTRO-PUMP**
Delivery: 300 l/min (0 m) Entirely made of stainless steel Three-phase - 1,1 KW + 3 feet Openings: DIN 32
- PC-500 CENTRIFUGAL FOOD STANDARD ELECTRO-PUMP**
Delivery: 500 l/min (0 m) Entirely made of stainless steel Three-phase - 2,2 KW + 3 feet Openings: DIN 40
- PTC-015 CURD TRANSFER PUMP**
Special pump with screw impeller designed for the delicate transfer of curd or liquids with solids in suspension.
Nominal flow capacity: 150 l / min Motor: 1.1 kW
Power supply: 230V/50-60Hz Pump body in stainless steel.
Equipped with:
Built-in inverter to vary the number of turns. Connections: DIN11851 DN50 (DN65 on request) Stainless steel carter and trolley
- PTC-040 CURD TRANSFER PUMP**
Special pump with screw impeller designed for the delicate transfer of curd or liquids with solids in suspension.
Nominal flow capacity: 400 l / min Engine: 2.2 kW
Power supply: 230V/1/50-60Hz Pump body in stainless steel.
Equipped with:
Built-in inverter to vary the number of turns. Connections: DIN11851 DN80
Stainless steel carter and trolley
- PGF-050 BELT DRIVEN PUMP WITH FLEXIBLE EPDM IMPELLER**
Delivery: 40-50 l/min @ 300 rpm
Pump made of stainless steel, painted motor.
Single-phase 230V - HP 2 + stainless steel trolley and DIN 40 or DIN 50 connections.
- PGF-050/1 BY-PASS OPTION**
opening the by-pass allows the reduction of the pump flow capacity
- PGF-050/2 SPARE FLEXIBLE EPDM IMPELLER**
- PGF-150 BELT DRIVEN PUMP WITH FLEXIBLE EPDM IMPELLER**
Delivery: 120-150 l/min @ 350 rpm
Pump made of stainless steel, painted motor.
Single-phase 230V - HP 2 + stainless steel trolley and DIN 50 or DIN 60 connections.
- PGF-150/1 BY-PASS OPTION**
opening the by-pass allows the reduction of the pump flow capacity
- PGF-150/2 SPARE FLEXIBLE EPDM IMPELLER**

The list of pumps is endless, ask Mejeriet if you have special needs.