



# PUMPS, ACCESSORIES, FLOW SOLUTIONS

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» All about your flow™

[www.tapflo.com](http://www.tapflo.com)

## » All about your flow™

*We began our journey in 1980 in Kungälv, a small town on the Swedish west coast, as a family company with an ambition to one day become a global player on the pump market.*

Since the foundation we have taken pride in delivering a wealth of knowledge and passion for pumps to the industry, whilst supplying a wide range of premium products for various industrial applications.

Over the years, the company has developed into a global Tapflo Group with branches and distributors present in nearly every region of the world.

One thing did not change - we are still a family company.

Our solutions are designed and manufactured in Europe and distributed globally to offer the best service and flow solutions to our customers for a variety of applications.

Our values, Commitment, Quality and Simplicity are reflected both in our product and business approach.



**For fast and flexible service and high-quality products readily available worldwide, choose Tapflo.**

## Quality commitment

At Tapflo we are simply committed to quality. As a result, our production standards, as well as products quality, comply with various globally recognised certification and quality control standards. The Tapflo manufacturing process is certified according to ISO 9001:2015, confirming that our processes are appropriate, effective, customer-focused and continuously improved.



## Tapflo values

Our culture is concluded in Our values

### Commitment

We are different from our competitors because of our willingness to exceed the customers' expectations, move fast and be flexible. Our culture is based on the spirit of togetherness, enthusiasm and integrity. We come from all over the world but we share the same values and we respect each other. We are committed.

### Quality

We understand that the quality in our work is never better than the weakest link, that's why we focus on every small detail. We share a common passion for continuously finding more efficient and effective ways to provide value to our customers. As a manufacturer we have control of the complete process both in terms of our products and the way we operate internally. That is why we manufacture the highest quality pumps in our segment.

### Simplicity

We have a saying, "Simple is art" which means we try to find smooth and uncomplicated solutions in everything. By keeping it simple we can focus on the essential, like designing uncomplicated pumps with few components. For us it is a key to success; strive to simplify what is complex.

# Electrically Operated Diaphragm pumps



## PLASTIC, METAL, SANITARY



EN 10204



The Tapflo Electro-Mechanic Operated Diaphragm Pump range is a series of pumps for industrial and hygienic applications. The pumps are designed to be safe, simple and easy to use and maintain. The pumps are suitable for almost all different chemicals used by the industry today. With proper attention to maintenance, Tapflo Pumps will give efficient and trouble free operation.

**Material:** PE, PTFE, Aluminum, Cast Iron and 316L Stainless Steel

**Max. capacity:** 220 l/min

**Max. pressure:** 4 bar

# Air Operated Diaphragm pumps



## PLASTIC



EN 10204



Tapflo pumps made from polyethylene (PE) or polytetrafluoroethylene (PTFE) are suitable for handling almost any kind of liquid whether it is viscous, chemically aggressive or with solids. Few components and a simple but ingenious design is common for all Tapflo pumps. It is a compact pump, easy and quick to maintain, keeping your service costs and process down time to a minimum.

**Material:** PE, PTFE

**Max. capacity:** 820 l/min

**Max. pressure:** 8 bar

## METAL



EN 10204



The compact, smooth and simple design is common for this series. The aluminium and cast iron pump are found in most fields; paint industries, waste water treatment etc., to mention only a few. The stainless steel pumps combine great mechanical strength with good chemical features.

**Material:** Aluminium, Cast Iron, Stainless Steel AISI 316L, PTFE Coated Aluminium

**Max. capacity:** 820 l/min

**Max. pressure:** 8 bar

Certificates may vary depending on series and material execution of particular product



## SANITARY



Tapflo sanitary series is particularly designed to meet the requirements of the food, beverage, pharmaceutical and cosmetic industries. Lubrication free air distribution system, maintenance free ball check valve system and total visual inspection of the wetted parts are some of the major features for this pump series. Flap valves option is available for pumping liquids containing big solids without damage.

**Material:** Stainless Steel AISI 316L

**Max. capacity:** 820 l/min

**Max. pressure:** 8 bar



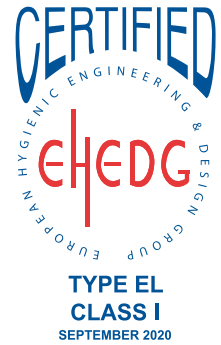
## POWDER



Tapflo powder transfer pump can do same job as many complex and large powder systems. The powder is transferred in a hermetic system from the powder container to your process. The compact design also makes the unit portable. A few examples of common powders are sintering powder, carbon black, resins and silicones.

**Material:** PTFE Coated Aluminium

**Max. pressure:** 8 bar



## ASEPTIC



EHEDG (European Hygienic Engineering and Design Group) is an European-based non-governmental organization dedicated to strict hygienic design standards. Tapflo Aseptic series pumps are designed for service in pharmaceutical-, biotech- and food industries where a clean process is the key.

**Material:** Stainless Steel AISI 316L

**Max. capacity:** 400 l/min

**Max. pressure:** 8 bar



## FILTER PRESS



apflo pump station for filter press feeding is a very compact unit that can be mounted directly to the filter press. An external pressure booster doubles the delivery pressure.

**Material:** PE, PTFE, Aluminium, Cast Iron, Stainless Steel, PTFE Coated Aluminium

**Max. capacity:** 400 l/min

**Max. pressure:** 12/16 bar (depending on the size of pump)

Certificates may vary depending on series and material execution of particular product





## PHARMACEUTICAL



EN 10204



This pump series was developed in co-operation with one of the world leading supplier to the biotech market. It serves the biotech- and pharmaceutical industries in numerous applications. Pump housing with only three components makes it extremely easy to maintain. Inert materials prevent the contamination of the pumped product.

**Material:** PP, PTFE

**Max. capacity:** 570 l/min

**Max. pressure:** 8 bar



## STEINLE FILTER PRESS

EN 10204



The Steinle pump is a double acting piston diaphragm pump with a hose as the diaphragm. The pumps have to convey large quantities of liquid into the empty press as well as small quantities at high pressure when the filter press is filled.

**Material:** Mild Steel, 316 Stainless Steel, PP

**Max. flow:** 18 m<sup>3</sup>/h

**Max. pressure:** 24 bar



## INTELLIGENT - LOW AIR CONSUMPTION



EN 10204



TC Intelligent pumps are fitted with ingenious LEAP® technology developed by Tapflo. LEAP® or 'Low Energy Air Pump' is a patented technology used in AODD pumps to reduce the minimum operating air pressure by reducing internal losses and friction found in conventional AODD pumps.

**Material:** PE, PTFE, Aluminium, Cast Iron, Stainless Steel, PTFE Coated Aluminium

**Max. capacity:** 470 l/min

**Max. pressure:** 8 bar

Certificates may vary depending on series and material execution of particular product

# Diaphragm pumps | Accessories



## ACTIVE PULSATION DAMPENERS



EN 10204



AT



The active pulsation dampener is the most efficient way to remove pressure variations on the discharge of the pump. Tapflo pulsation dampener works actively with compressed air and a diaphragm, automatically setting the correct pressure to minimise the pulsations.

**Material:** PE, PTFE, Aluminium, Stainless Steel 316

**Max. pressure:** 16 bar



## MOBILE UNITS

Mobile Pump Units are found as the best solution for the users of spread technological processes. The portability of the Units allows easy movement to various locations. This means almost limitless application. Based on our experience with pumping SKID units, we deliver complete “made to measure” mobile units, ready to execute user’s technological process.



## PNEUMIXER

EN 10204

Tapflo Pneumixer was initially developed for the paint and ink industry where most raw materials in drums or containers settle out over time and need to be mixed or blended prior to use. In the mixing mode the discharge valve is closed and the recirculation valve is open, to allow the product to circulate in the container.

## CONTROL & MONITORING SYSTEMS

AT

**Guardian system™** - a fully pneumatic monitoring system, protects pump from dry running, deadheading or diaphragm breach/failure.

**Pneumatic batch control** - a fully programmable, allow to set the batch amount or batching time.

**Pneumatic level control** - a fully pneumatic automatic level system used to maintain set liquid levels within a sump/tank.

**Stroke counter** - a stroke to volt free contact is available for integration with PLC systems.

**Life counter** - allow to control servicing and implement a preventative maintenance routine.

Certificates may vary depending on series and material execution of particular product



## FILTER REGULATOR & NEEDLE VALVE KIT

There are many benefits of using an individual filter regulator and needle valve for your AODD pump. You will always be able to run the pump with right air quality and optimum pressure and speed to save energy. Furthermore the lifetime of pump components will increase. The kit includes a filter regulator, gauge, wall bracket, needle valve, and/ or water separator.



## INSULATING COVERS

AT 

Set of Hygienic and Industrial Covers makes Tapflo offer even more attractive and unique.

Now our pumps can be sound or thermally insulated. Also pump heating within a cover is available for the toughest outdoor conditions.

# Peristaltic pumps



## PT HIGH PRESSURE

PT hose pumps combine the best available materials with smart design solutions in order to maximise running time and minimise maintenance. The PT series pump is an extremely reliable pump with a wide performance range, that can handle most fluids in most applications.

**Hose material:** NR, NBR, EPDM, Viton<sup>®</sup>, NR-FDA, NBR-FDA, Hypalon<sup>®</sup>

**Max. flow:** 200 m<sup>3</sup>/h

**Max. pressure:** 15 bar



## PTL LOW PRESSURE

PTL hose pumps are suitable for pumping and dosing low or high viscous, pasty, pure, neutral, aggressive or abrasive liquids, those containing gases or which tend to froth or those containing solids.

**Hose material:** NR, NBR, EPDM, Viton<sup>®</sup>, FKM-Viton<sup>®</sup>, CSM-Hypalon<sup>®</sup>, NBR Food Grade, Silicone, Hypalon<sup>®</sup>, Neoprene, Tygon A60F, Tygon XL60, Pharmed

**Max. flow:** 10 m<sup>3</sup>/h

**Max. pressure:** 4 bar

Certificates may vary depending on series and material execution of particular product

# Centrifugal pumps



## CTX HIGH PERFORMANCE



EN 10204



CTX series pumps have robust, high efficiency and low NPSH design open impellers. The adjustment of CTX pumps performance to concrete duty points or ranges could be done by impellers trimming at constant speeds or by pump speed adjustment at constant impeller diameters. CTX range open impellers are easily cleanable and suitable for pumping liquids also with suspended solids.

**Material:** Stainless Steel AISI 316L

**Max. flow:** 125 m<sup>3</sup>/h

**Max. head:** 88 m



## CTS SELF-PRIMING



EN 10204



CTS is an open impeller self-priming centrifugal pump. The self-priming feature allows to use the pump in applications where standard CT pumps do not prove useful. The CTS pump is capable of creating up to 4,5 m of suction lift.

**Material:** Stainless Steel 316L

**Max. flow:** 60 m<sup>3</sup>/h

**Max. head:** 40 m



## CT STANDARD



EN 10204



CT pumps are open or semi-open impeller single stage centrifugal pumps. They are manufactured in high finish and mechanically strong material - AISI 316L stainless steel. The pump range meets the demands from a variety of today's industries. And still CT pump is available at a very attractive price level.

**Material:** Stainless Steel 316

**Max. flow:** 74 m<sup>3</sup>/h

**Max. head:** 56 m



## CTV VERTICAL

EN 10204



CTV is a single stage impeller pump that is simple but very reliable in duty. The pump is specialized for transfer and circulation of various liquids from containers, sumps and tanks.

**Material:** PP, PVDF, Stainless Steel AISI 316L

**Max. flow:** 33 m<sup>3</sup>/h

**Max. head:** 31 m

Certificates may vary depending on series and material execution of particular product





## CTP PLASTIC



CTP pumps are semi-open impeller single stage centrifugal pumps. Since there are no metal parts on the liquid side, the pumps are ideal for chemical transfer and circulation duties. CTP is a compact and reliable mechanically sealed centrifugal pump. Wetted parts are made in PP and PVDF. It is the right solution for liquids containing solid particles.

**Material:** PP, PVDF

**Max. flow:** 28 m<sup>3</sup>/h

**Max. head:** 19 m



## CTM MAGDRIVE



Tapflo CTM magnetic drive pumps are pumps where the power from the motor is transmitted to the impeller by means of a magnetic coupling. CTM pumps are designed and manufactured for chemicals transfer and circulation in surface treatment industries. CTM is a perfect choice for chemically corrosive and toxic liquids.

**Material:** PP, PVDF

**Max. flow:** 27 m<sup>3</sup>/h

**Max. head:** 20 m

# Filter units



## FT FILTERS



Tapflo FT Filters are used widely in the surface treatment industry, where there is a need for liquid purification. Filters have different insert types like: wound cartridge (standard), bag, FTL cartridge and filter basket with oil absorbing polyethylene tape, active carbon or ion exchange resin. Filters are standing alone units equipped with a CTM mag drive pump, CTP or combined with CTV vertical pump. The cartridges are available in porosities providing up to 95% filtering efficiency.

**Material:** PP

Certificates may vary depending on series and material execution of particular product

# Accessories



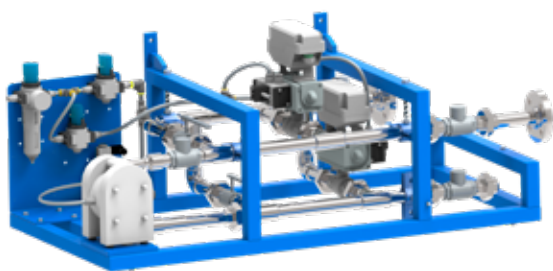
## VALVES



Valves and control modules are installed in the processes of various industries around the world. Hygienic valves from Tapflo are high-quality components made of forged 304L and 316L stainless steel. It performs very well in the beer and dairy sector. They are also widely used in the food, beverage, chemical and pharmaceutical industries.

**Material:** Stainless steel 304 and 316

## Tapflo Solutions™



## CUSTOMIZED SOLUTIONS & SYSTEMS

We deliver complete systems with peripherals such as trolleys, tanks, hoses, valves and fittings. Having our own production lines allows us to offer solutions that are even more sustainable and efficient.

Custom design is aimed at adapting standard solutions to non-standard needs as part of industrial manufacturing processes. It is implemented through introduction, often small changes in the standard product in such a way, that in consequence it becomes applicable to the individual needs of the process.



## MOBILE UNITS

Mobile Pump Units are found as the best solution for the users of spread technological processes. The portability of the Units allows easy movement to various locations. This means almost limitless application. Based on our experience with pumping SKID units, we deliver complete “made to measure” mobile units, ready to execute user’s technological process.



## TAPFLO TANK UNITS

Tapflo is proud to present a series of Tank Units dedicated to every branch of industry where liquids are to be stored and transferred or dosed. Our solution based on Diaphragm Pump operation is suitable for handling almost any kind of liquid whether it is viscous, chemically aggressive or with solids. Various sizes of tanks and robust pumps in multiple executions are available together with additional equipment. This is how we created the most simple and versatile pumping solutions on the market.

**Tank sizes:** 100l, 300l, 500 l

Certificates may vary depending on series and material execution of particular product

## » All about your flow™



### Service & Maintenance

Professional service is a natural part of our commitment to the customer. We offer an on-site service as well as at our service centres.

### Customised solutions & systems

We deliver complete systems with peripherals such as trolleys, tanks, hoses, valves and fittings. Having our own production lines allows us to offer solutions that are even more sustainable and efficient.



### Stock

In our warehouses we stock a wide range of different pump models and spare parts for immediate delivery.

### Training

We offer customized training in pump technology, service and preventive maintenance.



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## Tapflo products and services are available worldwide.

Tapflo is represented worldwide by own Tapflo Group Companies and carefully selected distributors assuring highest Tapflo service quality for our customers' convenience.

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