

PUMPS, ACCESSORIES, FLOW SOLUTIONS

2019 | 1



All about your flow™

Since 1980, 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. We deliver the best solutions and support for a range of Hygienic, Sanitary and Industrial applications, while going above and beyond to provide excellent service to our customers worldwide.

Tapflo is a family-owned company, founded in Kungälv, Sweden. Over the years, the company has developed into a global Tapflo Group with branches and distributors present in nearly every region of the world.

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 of 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.

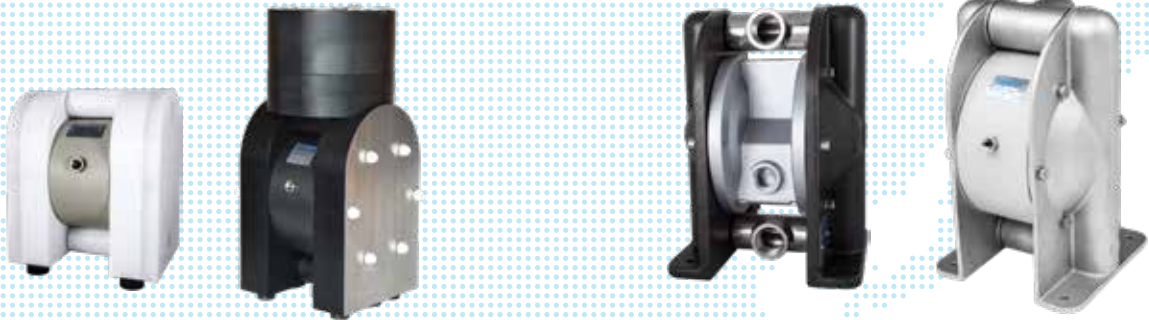
Simplicity

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.

Diaphragm pumps

Features & Benefits

- ✓ Run dry without damage
- ✓ Self-priming up to 5 m from dry suction pipe
- ✓ Few components
- ✓ Infinitely variable flow control
- ✓ Lubrication free air distribution system
- ✓ Solid, strong and long life design



PLASTIC

FDA **EN 10204** **AT** **Ex**

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

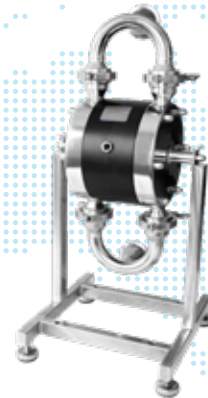


METAL

FDA **EN 10204** **AT** **Ex**

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



SANITARY

FDA **EN 10204** **AT** **Ex**

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

EHEDG ASEPTIC

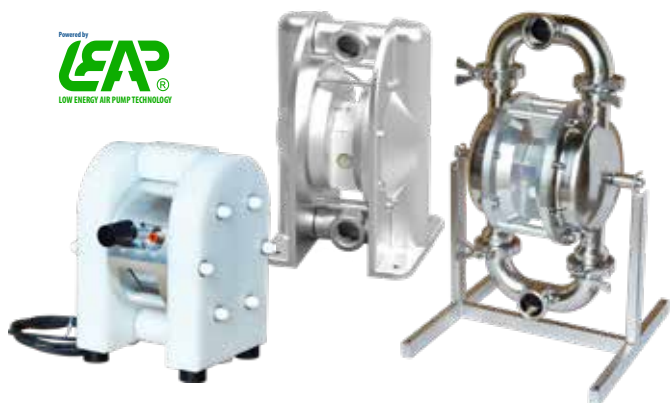
USP **FDA** **EN 10204** **AT** **Ex**

EHEDG (European Hygienic Engineering and Design Group) is an European-based non-governmental organization dedicated to strict hygienic design standards. Using Tapflo's products, consistent with their guidelines, match with high quality foodstuff. Tapflo EHEDG 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: 330 l/min
Max. pressure: 8 bar

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

Diaphragm pumps



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: 460 l/min

Max. pressure: 8 bar



FILTER PRESS



EN 10204



Tapflo 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)

POWDER



EN 10204



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



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: PE, PTFE

Max. capacity: 420 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

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.

Diaphragm pumps | Control and monitoring systems

EN 10204

AT



Guardian system TM

Fully pneumatic monitoring system used to monitor the pumps performance for safety and energy saving. That device protects pump from dry running, deadheading or diaphragm breach/failure.

Pneumatic batch control

Pneumatic batcher can control any Tapflo AODD pump to deliver accurate and repeatable volumes. Fully programmable allowing you to set the batch amount (TPUK-BP) or batching time (TPUK-BT).

Pneumatic level control

A fully pneumatic automatic level system used to maintain set liquid levels within a sump or tank.

Stroke counter / low pressure VFC

A stroke to volt free contact (VFC) is available for integration with PLC systems. Simply connect to any AODD pump via the air exhaust muffler to monitor the pump strokes.

Life counter

Tapflo's life counter simply connects to the AODD pump air exhaust, representing the strokes on the LCD display. Compact, easy to use and cost effective this simple system will allow you to control servicing and implement a preventative maintenance routine.

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

Centrifugal pumps

Features & Benefits

- ✓ Simple design
- ✓ Compact design
- ✓ Solids handling
- ✓ Few parts
- ✓ Low maintenance cost
- ✓ Wide range of applications



CT CENTRIFUGAL



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 m³/h

Max. head: 56 m



CTP PLASTIC CENTRIFUGAL



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 m³/h

Max. head: 19 m



CTS SELF-PRIMING CENTRIFUGAL



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: 51 m³/h

Max. head: 40 m



CTM MAGDRIVE CENTRIFUGAL



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 m³/h

Max. head: 20 m

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

Centrifugal pumps



CTV VERTICAL CENTRIFUGAL

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 m³/h

Max. head: 31 m

Filter units



FT FILTER



EN 10204

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

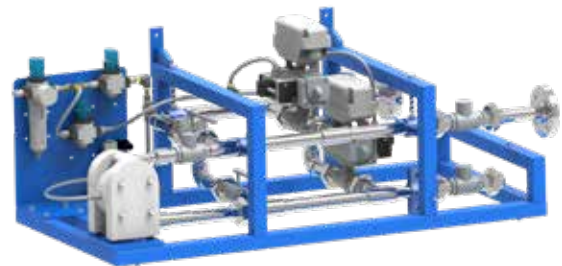
Mobile units



INDUSTRIAL & HYGIENIC

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 Solutions™



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.

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.

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Tapflo products and services are available in 75 countries on 6 continents.

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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