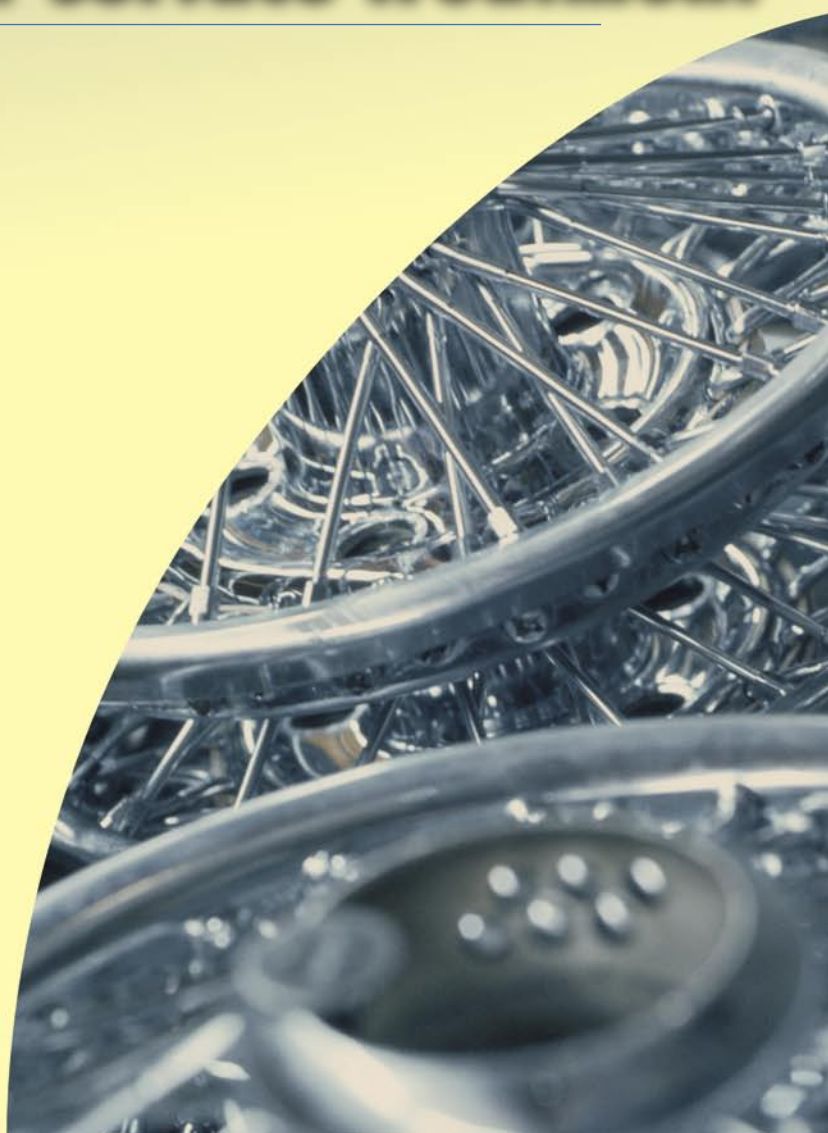


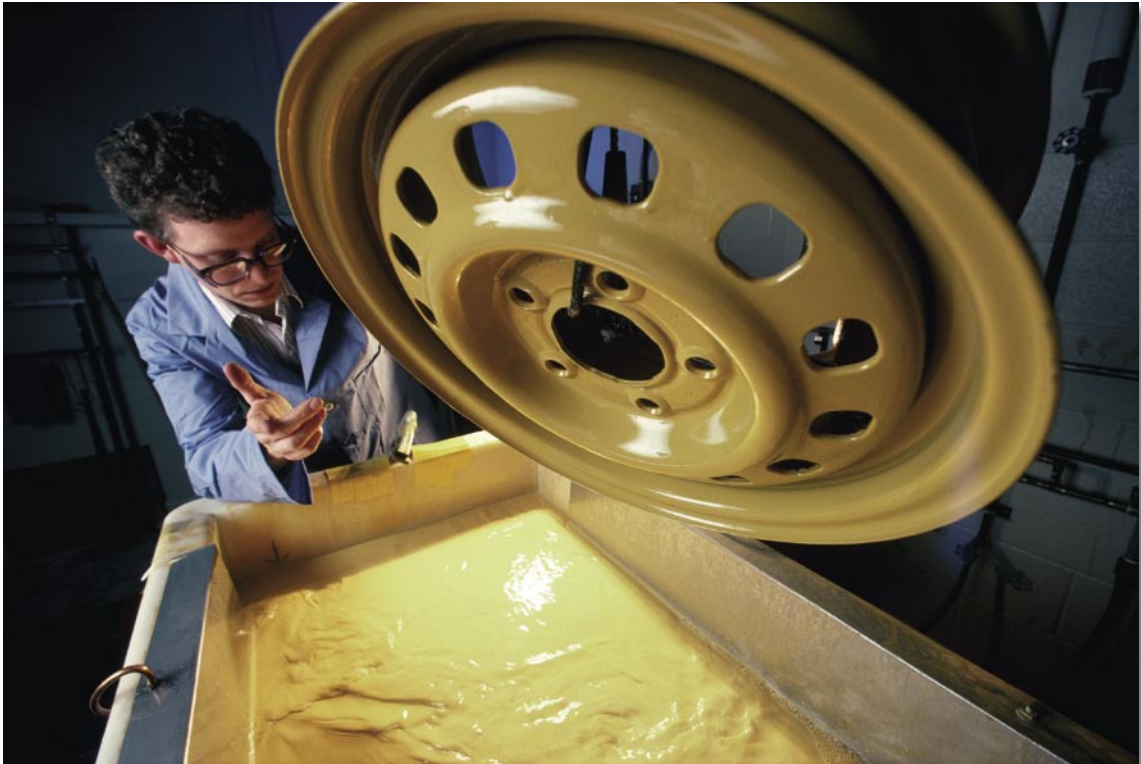


Your pump specialist
for surface treatment



topflo®

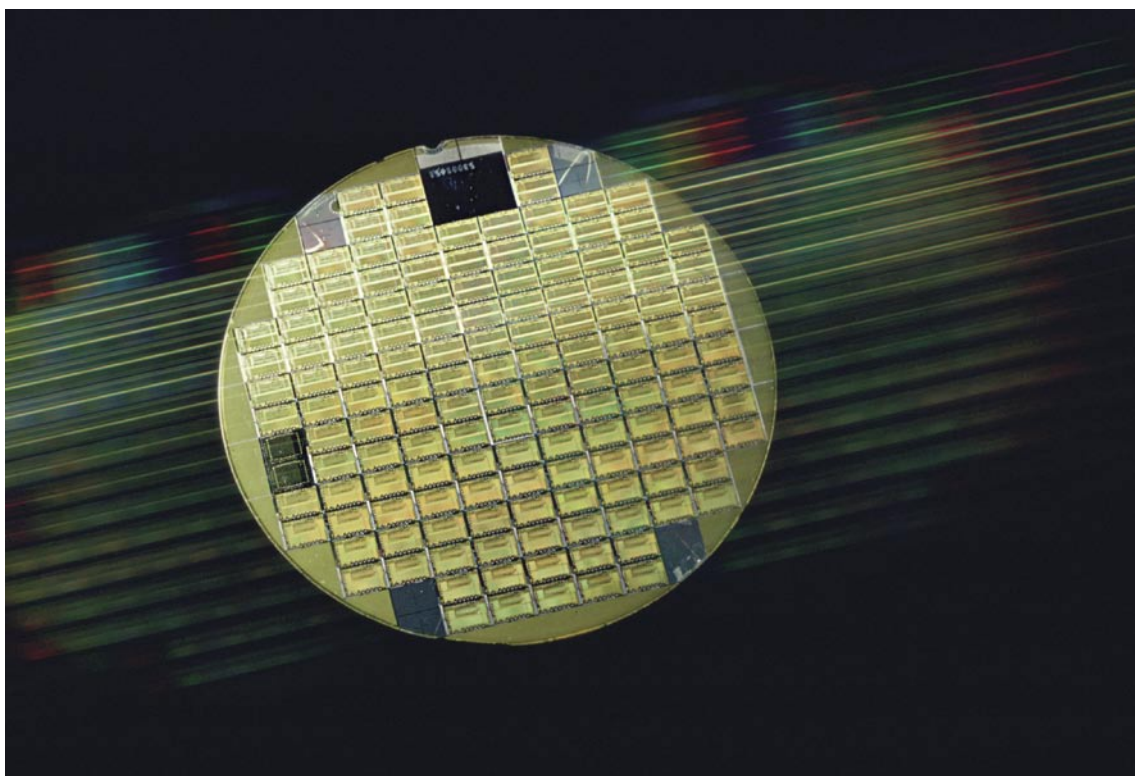




We know how to deal with liquids

Tapflo has served the surface treatment industry with pumps since more than 25 years. We have the knowledge of selecting the right pumps and filters for the different applications that are present in today's galvanic industries. We also have the unique advantage of having our own production on almost every type of pump and filter used in the surface treatment industry. With fewer hands between manufacture and end user, the price and availability is a great strength.





Creating a safe process

Many hazardous chemicals are used in surface treatment processes. An important issue is to provide a safe environment throughout the process from pre-treatment, surface treatment, after treatment to waste handling. This involves encapsulation and automatization of the process and handling of chemicals. Safe and reliable pumps and filters are important components to create a safe process.

Process examples

- Electrolytic zinc plating
- Copper, Nickel, Tin, Silver and Gold plating
- Alcalic zinc
- Zinc-iron
- Zinc-nickel
- Hexavalent Chromium-free plating
- Chromates/Passivation
- Acid zinc
- Chemical nickel
- Anodic coating
- Organic coating

Duties for our pumps & filters

- Degreasing bath
- Pickling bath
- Alkaline bath
- Acid bath
- Electro-plating bath
- Waste from bath
- Drum handling
- Filterpress feeding





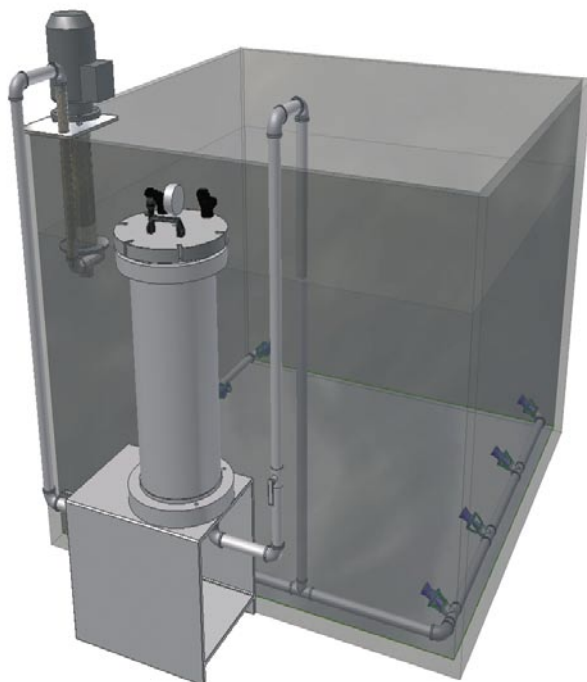
Typical installations



◀ Compact TF filterpress pumps installed for recovering solid waste from water



Filter FT and magdrive pump CTM used for circulation and filtering of surface treatment bath ▶



Filtering and agitation

Standalone FT filter installed in series with CTV vertical pump and agitation nozzles. The CTV pump is strong and insensitive, making it ideal for installations in pre treatment baths where particles are present.

T air operated diaphragm pumps

Versatile pump for transfer and circulation duties of most type of chemicals, sampling, waste and sludge handling.

- ✓ Hermetic and seal less
- ✓ Easy to control capacity and pressure
- ✓ Self priming – flexible installation options

Flow	0-800 l/min
Pressure	0-8 bar
Materials	PE, PTFE, aluminium, cast iron and stainless steel



TX ATEX approved diaphragm pumps

Explosion proof version of the T series according to ATEX group II, category 2 for operation in hazardous areas.

- ✓ Explosion safe with no electricity
- ✓ Inexpensive compared with electric pumps

Flow	0-400 l/min
Pressure	0-8 bar
Materials	PE, PTFE, aluminium, cast iron and stainless steel



TD diaphragm drum pumps

Handheld pump for dispensing chemicals, degreasing and cleaning agents from drums and IBCs.

- ✓ Quick and convenient dispensing from drums
- ✓ Easy to control capacity and pressure

Flow	0-120 l/min
Pressure	0-8 bar
Materials	PE, PTFE, aluminium, cast iron and stainless steel



For detailed product information please contact us or visit www.tapflo.com

TF filterpress diaphragm pumps

Compact pump station for waste products to the filter press.

- ✓ Self-regulating flow and pressure – no need of expensive control equipment
- ✓ High pressure (max 14 bar) – good filter results

Flow	0-400 l/min
Pressure	0-14 bar
Materials	PE, aluminium, cast iron and stainless steel



CT centrifugal pumps

Compact and efficient pump for non-hazardous liquids.

- ✓ Reliable but inexpensive pump for water, oils or mild chemicals
- ✓ Open impeller - insensitive to solids

Flow	max 42 m³/h
Head	max 47 m
Materials	stainless steel



CTM magdrive centrifugal pumps

Seal less pumps ideal for hazardous fluids, commonly used transfer, filtering and circulation applications.

- ✓ No leakage of dangerous fluids or vapours provides a safe working environment
- ✓ Compact and efficient pumps
- ✓ Reliable but inexpensive

Flow	max 10 m³/h
Head	max 13 m
Materials	PP and PVDF



For detailed product information please contact us or visit www.tapflo.com

CTV vertical centrifugal pumps

Seal less pumps for transfer and return pumping in galvanizing, hot zinc, pickling, oxidation processes and sump emptying.

- ✓ No mechanical seal – leakage free and maintenance friendly
- ✓ Insensitive to solids
- ✓ Polished stainless steel version available

Flow	max 34 m ³ /h
Head	max 31 m
Materials	PP, PVDF and stainless steel



FT filters

Cartridge filters with 1, 3 or 7 cartridges and oil absorb filters. Standalone filter units to be combined with CTV vertical pumps or complete compact units with CTM pumps.

- ✓ Flexible installations standalone or compact with magdrive pump

Filter media	Cartridge and oil absorb
Material	PP



Accessories

Ingenious pneumatic accessories to control and monitor the pumps. The units are very simple to install and operate. A number of standard units are available:

- ✓ Pneumatic batch units
- ✓ Pneumatic level units
- ✓ Pneumatic diaphragm alarm units

We also supply tailored systems for special duties, both pneumatic and electric.



For detailed product information please contact us or visit www.tapflo.com

www.tapflo.com

Tapflo is represented in more than 30 countries worldwide. Visit our website for updated information.



Tapflo offices

Bulgaria

Tapflo EOOD
Tel: +359 (0) 888 765 288
Fax: +359 (2) 974 18 54

China

Tapflo (Wuxi)
Tel: +86 510 8241 7602
Fax: +86 510 8241 6807

Denmark

Tapflo Danmark
Tel: +45 36 454600
Fax: +45 36 453500

France

Tapflo France
Tel: +33 1 34 78 82 40
Fax: +33 1 34 78 82 41

India

Tapflo Pumps (India)
Tel: +91 44 42103695
Fax: +91 44 26203479

Ireland

Tapflo Ireland Ltd
Tel: +353 1 2876826
Fax: +353 1 2876827

Italy

Tapflo Italia
Tel: +39 0362307698
Fax: +39 0362307697

Latvia

Tapflo Latvia
Tel: +371 7472205
Fax: +371 29288837

Poland

Tapflo Sp. z o.o.
Tel: +48 58 5301181
Fax: +48 58 5324767

Romania

S.C. Tapflo Rom. S.r.l.
Tel: +40 21 3451255
Fax: +40 21 3451166

Russia

OOO Tapflo
Tel: +7 095 2411017
Fax: +7 095 2411017

Spain

Tapflo Iberica
Tel: +34 91 662 40 14
Fax: +34 91 661 50 06

South Africa

Tapflo (Pty) Ltd
Tel: +27 41 5831412
Fax: +27 41 5831704

Turkey

Tapflo Makina Ltd
Tel: +90 216 467 33 11
Fax: +90 216 467 33 42

Ukraine

TOB Tapflo
Tel: +380 442388242
Fax: +380 442388242

United Kingdom

Tapflo (UK) Ltd
Tel: +44 2380 252325
Fax: +44 2380 269016

tapflo®

Swedish office

Tapflo AB

Filaregatan 4, S-442 34 Kungälv, Sweden
Tel: +46 303 63390, Fax: +46 303 19916
E-mail: sales@tapflo.com, internet: www.tapflo.com