

## PRODUITS SPÉCIAUX

SPECIAL PRODUCTS / SPEZIALPRODUKTE /  
PRODUCTOS ESPECIALES / 特种泵 / СПЕЦИАЛЬНОЕ ОБОРУДОВАНИЕ

## SPECIAL PRODUCTS

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### HIGHLIGHTS:

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- reactivity with ability to produce prototypes rapidly
- adaptation to tailor-made products
- technology allowing a presence in multiple sectors of industry
- Some examples of Pollard's niche applications:
- bee-keeping, with honey pumps
- catering, with pumps for industrial fryers
- military, with pumps for radar antennas or missile launch ramps
- solar, with the pumps for heat-transfer fluid
- bio-fuels, with pumps for vegetable oils with additives
- textiles, with fiber-lubrication pumps
- special hydraulic pumps

Special products presentation:

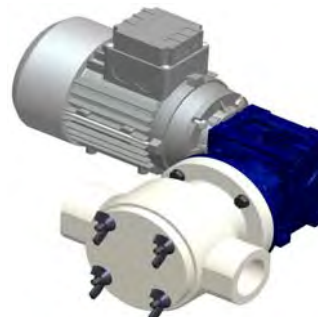
#### **Food transfer Unit**

Synthetic materials  
 Food product transferring  
 Max discharge : 830 L/hour  
 Optional extras : metering system



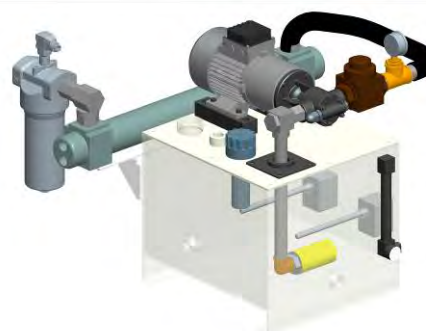
#### **Synthetic raw material pump**

Discharge from 0.5 up to 1 950 Ltrs./hr.  
 The full range can be delivered with a dosage unit  
 able to program precisely the volume to transfer.



#### **Lubrication compact unit**

Self contained unit for machine-lubrication  
 Motor-pump installation in either standing or  
 lying position  
 Max pressure : 20 bar  
 Optional extras on request



#### **Liquid cleaning mobile unit**

Continuous oil cleaning system  
 Mobile unit adjustable  
 Max discharge : 9000 L/hour  
 Optional extras on request



## FOOD TRANSFER UNIT



These units are for transferring food products such as glucose, confectionery, vegetable oils, syrup, honey or similar products. They are motor-pumps made from food-grade synthetic materials.

They are self-contained and mobile with a gripper bar to facilitate handling.

They can also be supplied with a metering module allowing the programming of the precise volume to be transferred. Capacity up to 830 liter/hour.

### They are fitted with :

- Stainless steel support plate
- CMtec-type motor-pump made of synthetic materials
- Electrical box

### OPTIONAL EXTRAS

- Dosage module
- Flexible hose with shut-off nozzle and pressure switch
- Volume flow meter



## SYNTHETIC RAW MATERIAL PUMPS

We offer a complete range of synthetic pumps made out of polyester cristallin and stainless steel, 100% food compatible and specially adapted to highly viscous food products.

This range is used as example for following applications:

**Conditioning/Dosage Motor pumps:** they are used to proportion and condition from fluid to high viscous products (example: conditioning in 800 g pot from a 1000 L barrel). After programming the computer the pump will deliver the required quantity as often as necessary.

**Coning oil Motor pumps:** they are specifically used to transfer coning oils, in the textile industry. They are mounted in units to supply machines treating nylon thread for the spinning of synthetic fibers.

**Laboratory Motor pumps:** because they enable a very large testing possibility

### PC 0.5 - 8.7

Synthetic pumps made out of polyester cristallin and stainless steel

Raw material 100% food compatible

Specially adapted to highly viscous products

Max Pressure 3 bars

Max flow 740 L/h

Option: Dosage



### MPC 0.5 – 8.7

Synthetic motorpumps made out of polyester cristallin and stainless steel

Raw material 100% food compatible

Specially adapted to highly viscous products

Max Pressure 3 bars

Max flow 740 L/h

Option: Dosage



### PC 30 - 65

Synthetic pumps made out of polyester cristallin and stainless steel

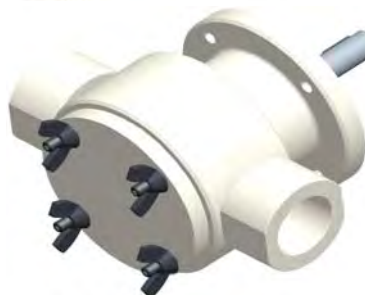
Raw material 100% food compatible

Specially adapted to highly viscous products

Max Pressure 3 bars

Max flow 1 950 L/h

Option: Dosage



### MPC 30 - 65

Synthetic motorpumps made out of polyester cristallin and stainless steel

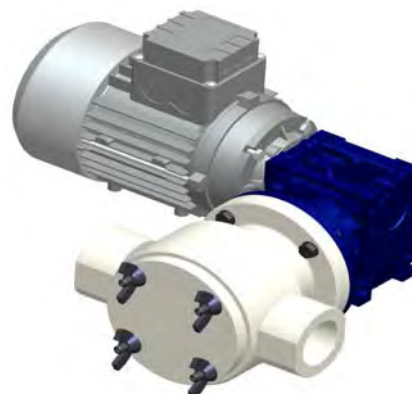
Raw material 100% food compatible

Specially adapted to highly viscous products

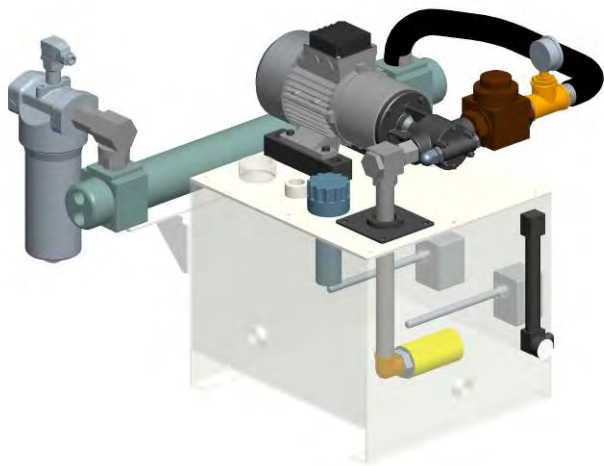
Max Pressure 3 bars

Max flow 1 950 L/h

Option: Dosage



## LUBRICATION COMPACT UNIT



These units are for the closed circuit lubrication of special machines.

They are tailor-made to designs developed with the design offices of our industrial clients.

The CMtec positive-displacement pump carries the lubricant in a closed circuit between the machine to be lubricated and the oil sump of the lubrication unit. The assembly forms a self-contained unit that may be mobile. Capacity on client request.

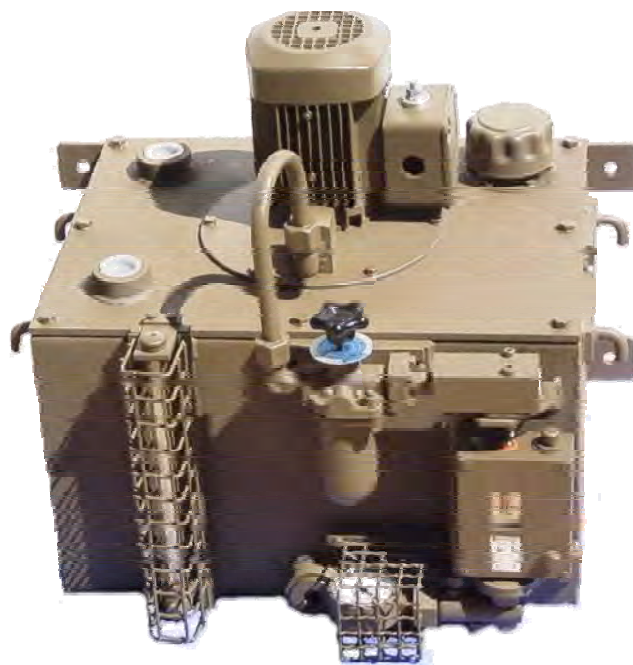
### They are fitted with :

- Closed oil sump
- Filler breather
- Suction tube with oil strainer
- Visual level indicator with thermometer

### Motor-pump unit

### OPTIONAL EXTRAS

- Air cooler
- Filtration system
- Heated tube
- Pressure control gauge
- Other tailor-made options available on request.



## MOBILE CLEANING UNIT



These units are for use in reducing the rate of pollution of hydraulic fluids and maintaining the required level of cleanliness.

They offer an alternative to the replacement of used oil with new oil.

These motor-pumps are tailor-made to designs developed with the design offices of our industrial clients.

They are used for filtering the oil on installations which require regular servicing, avoiding the premature wearing of the components and therefore the number of breakdowns and production stoppages.

In partnership with development department of our customers we have designed three different flow capacity to meet any customer request : 500 L/hr ; 2 000 L/hr and 5 000 L/hr.

There is no "standard product". Each cleaning unit is manufactured on demand.

### They are fitted with :

Aspiration strainer 125 $\mu$

Filled-up indicator

Cartridge-type discharge filter 25 $\mu$

On-off switch

Motor-pump unit

### OPTIONAL EXTRAS

Pre-filter with magnetic bar

Water retention filter

Filtration level 10 $\mu$

