

GO WITH THE FLOW.

T **TECALEMIT**

PUMPING MADE EASY.

Smart pumping made easy.

With pumps from **TECALEMIT**.



www.tecalemit.de/en

A **HORNGROUP** BRAND

- D** Diesel, heating oil
- R** Radiator antifreeze
- O** Fresh oil
- O** Waste oil
- U** AdBlue®
- F** Fuel
- C** Chemicals

**GO WITH
THE FLOW**

The right pump for your medium:

Hand pumps

From page 12

Hand-operated **single pumps and pump sets** for low flow rates

Non-self-priming

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Electric pumps

From page 18

Electric **single pumps and pump sets** for low and high flow rates

Non-self-priming

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Self-priming

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Pneumatic pumps

From page 44

Pneumatic **single pumps and pump sets** for low and high flow rates for workshops and industrial settings

Self-priming

O	TecPump DP X6	Page 44
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Can't find a particular medium or need help with a major project, such as outfitting an entire workshop?

Contact us via e-mail at export@tecalem.it

Pumps from TECALEMIT

How our pumps are developed

Our pumps are developed in-house: It begins in our offices – and ends up as a finished pump within our walls as well!

TECALEMIT is THE pump specialist and has expanded its expertise and acquired know-how over decades, all of which goes into the development of each individual pump type.

It all begins with an idea, followed by planning on the computer in our development department. The individual components for the prototype of each pump are manufactured by us or by partner companies in accordance with our specifications and carefully inspected.

One of our most important requirements here is the quality of the product. We greatly emphasize environmentally friendly materials and precise machining in the manufacture of our components.

After the prototype has been assembled in our test facility, extensive tests are performed: How does the pump behave in combination with a flow

meter, and how does it perform in continuous operation? How easy is it to install and service, what is its delivery capacity? We put the pump through its paces before it is released for sale.

Pumps from TECALEMIT: They stand for quality, experience, service – and dedication from every single department, all helping to ensure that the customer ultimately gets a great product. TECALEMIT – Made in Germany!



Pump development with cutting-edge software programs

Comprehensive testing is carried out before the initial series can be produced



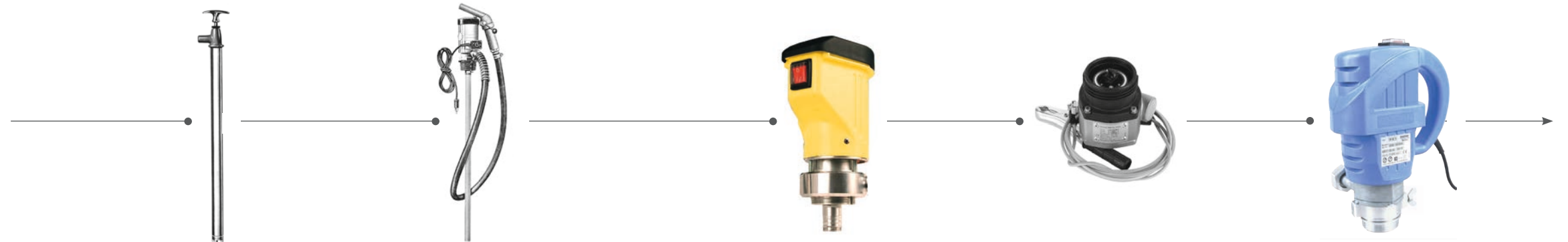
HORNET W 85 H - Our most powerful pump, ready for use



Our pumps over the years



1944 - Fittings factory Ernst Horn KG is founded



1950 | First piston pump "K»O«"

1972 | First electric diesel drum pump "HORNET"

2004 | First hybrid pump for AdBlue "H60"

2008 | First drum pump for Ex media "H60 Ex"

2009 | First hybrid pump for diesel "W85"

Quality & responsibility

Acting responsibly

Diesel and oils can pollute the environment if handled improperly – which is why these media should be conveyed using pumps that are robust, durable and absolutely reliable, e.g. to avoid possible leaks. By doing so, we play a small but important part in protecting our environment.

Taking responsibility and acting sustainably means choosing good, robust materials for your product, developing a product that is easy to repair, and in general ensuring a long product cycle. The pump must be absolutely reliable in operation and must not leak any environmentally harmful media. This is exactly the kind of pump we build at TECALEMIT.

Our pumps have a longer life cycle than those of our competitors – above all because the quality of

their components, assemblies, and materials are our top priority.

To ensure consistently high product quality and environmental protection, our production site is certified in accordance with the requirements of the quality management standard DIN EN ISO 9001 and as a specialist company in accordance with the Water Resources Act (WHG).

And if a repair should ever be necessary: Our service department can help with spare parts or in-house repair of the pump. This avoids unnecessary waste and ensures continued use of the pump for many years.



MADE IN
GERMANY
Durable Quality

**LOGLIFE
PROOF**

What the TECALEMIT brand stands for:

- Long product life
- Quality products
- German know-how
- Customer-friendly product handling
- Customer-oriented solutions

T **TECALEMIT**

GO WITH THE FLOW



**Do you have questions about our pumps
or require repairs for your pump?
We are here for you, and would be glad to help
with our extensive after sales service!**

Pump types

The different functional principles

The key aspect of each pump is the way it works – it determines which fundamental advantages a pump offers. On the following double page spread, we present our main pump types and their working principle.

The robust one

Centrifugal pump

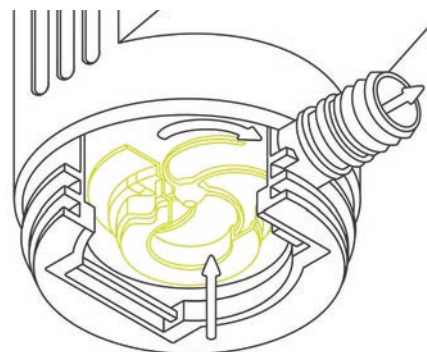
Centrifugal pumps, also called rotary pumps, use the suction effect generated by a rotating impeller to convey liquids – by making use of the flow properties of liquids. Rotation of the impeller causes the pressure to drop at the center and rise at the edge of the impeller.

ADVANTAGES

Durable and low-wear

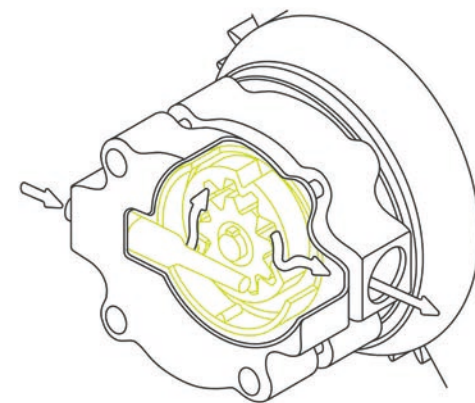
Easy to handle, light

Easy to repair



The following pumps use the centrifugal pump principle:

- HORNET 40 (from page 18).



The following pumps use the internal gear pump principle:

- Gear Pump TZ (from page 38).



The strong one

Internal gear pump

The internal gear pump has two gears, of which the outer one (ring gear) has internal teeth. The internal gear is smaller. The fluid is conveyed in the spaces between the tooth gaps of the two gears. Internal gear pumps are also called sickle pumps.

ADVANTAGES

Able to generate high pressures

Reliable and simple working principle

Low noise emissions

Self-priming

The hard worker

Vane pump

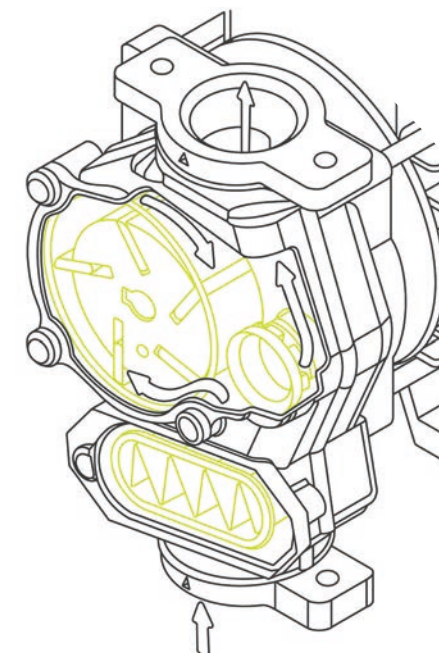
The rotor of the vane pump consists of a solid disc in which the vanes are inserted. With each rotation, the vanes are moved in and back out of the rotor. This constant change in volume generates the desired suction or pressure.

ADVANTAGES

High pump capacity

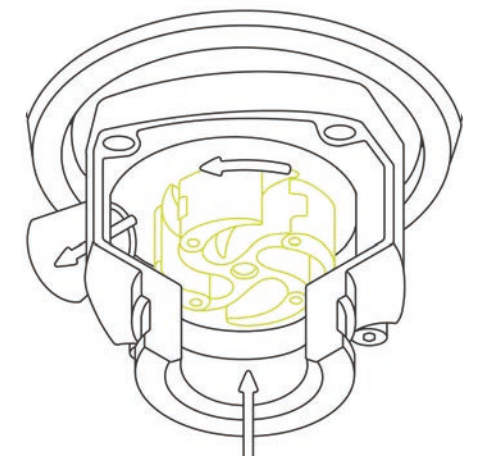
Low noise emissions

Self-priming



The following pumps use the vane pump principle

- TecPump 400 (from page 22)
- TecPump 600 (from page 26)
- VISCONET II (from page 34)



The following pumps use the hybrid pump principle:

- HORNET W 85 H (from page 30).



The multi-talent

Hybrid pump

The hybrid pump combines the advantages of centrifugal and vane pumps: It functions as a self-priming vane pump in start-up mode and then folds in the vanes in the conveying process to exploit the flow characteristic of the medium as a centrifugal pump (which results in low wear).

ADVANTAGES

High pump capacity

Durable and low-wear

Self-priming

Overview of diesel pumps

A comparison of electric diesel pumps

Sometimes you're just spoiled for choice: Our electric pumps for diesel and radiator antifreeze are designed for different areas of application and systems.

If you tend to refuel small quantities of diesel using mainly drums or small tanks for e.g. a farm filling station, a HORNET 40 may be sufficient.

However, if you require a higher pump capacity for quick refueling and don't want to have to prime the pump by hand, then our TecPump or our HORNET W 85 H is the right pump for you!



D R

NON-SELF-PRIMING



D R

SELF-PRIMING



C U D R

SELF-PRIMING

	HORNET 40	TecPump 400 DC / 600	HORNET W 85 H
Pump type	Electric pump	Electric pump	Electric pump
Pump capacity	Up to 38 l/min.	Up to 42 l/min. and 55 l/min.	Up to 85 l/min.
Media	Diesel, heating oil, eco fuels, radiator antifreeze	Diesel, heating oil, eco fuels, radiator antifreeze	Diesel, heating oil, eco fuels, AdBlue, radiator antifreeze, chemicals
Dispensing hose	Standard NBR hose DN 19	Standard NBR hose DN 19	Standard NBR hose DN 19
Dispensing nozzle	Automatic or standard	Automatic or standard	Automatic
Pump type	Centrifugal pump	Vane pump	Hybrid pump
Meter/counter	FMT 3 retrofittable	Z 400 or FMT 3	FMT 3 retrofittable
Protection class	IP 44	IP 54	IP 54
Supply voltage	230 V/50 Hz or 12 V/24 V DC	12 V/24 V DC or 230 V/50 Hz	230 V/50 Hz
Variants	<ul style="list-style-type: none">• As single pump• As set	<ul style="list-style-type: none">• As single pump• As set	<ul style="list-style-type: none">• As single pump• As set
Ideal for	<ul style="list-style-type: none">• Small vehicle fleets or private users with a consumption of up to 50.000 l of diesel annually• For private use on drums in agriculture and workshops	<ul style="list-style-type: none">• Small to medium vehicle fleets or private users with a consumption of up to 150.000 l of diesel annually• (Mobile) Use in agriculture and industry	<ul style="list-style-type: none">• Medium to large vehicle fleets with a consumption of up to 150.000 l of diesel annually• For use on drums and tanks in agriculture and workshops
Advantages	<ul style="list-style-type: none">• Low-wear• Emergency operation possible in case of power failure• Incl. integrated siphon protection and thermal fuse	<ul style="list-style-type: none">• Powerful motor• Integrated suction filter in pump chamber• Incl. or excl. integrated siphon protection	<ul style="list-style-type: none">• Low-wear• High pump capacity• Incl. foot filter• Incl. integrated siphon protection and thermal fuse

Overview of oil pumps

A comparison of electric oil pumps

Our electric oil pumps also offer the right technology for your individual requirements. Feel free to take a look – we'd be glad to help if you have any questions!

The VISCONET II is the ideal pump when the quick refueling of fresh oil by means of a hand flow meter is desired – usually permanently mounted on 200-l drums.

The Gear Pump TZ, on the other hand, allows for long pipelines thanks to the high pressure it builds up, making it ideal for integration into existing systems.



O

SELF-PRIMING



R O O

SELF-PRIMING

	VISCONET II	Gear pump TZ
Pump type	Electric pump	Electric pump
Pump capacity	Up to 28 l/min.	Up to 10 l/min.
Media	Fresh oil (engine, transmission, hydraulic oil)	Fresh/used oil (engine, transmission, hydraulic oil), radiator antifreeze
Dispensing hose	Standard NBR hose DN 19	-
Dispensing nozzle	Standard	-
Pump type	Vane pump	Gear pump
Meter/counter	FMOG (non-legally calibratable)	-
Protection class	IP 54	IP 55
Supply voltage	230 V/50 Hz	230 V/50 Hz
Variants	<ul style="list-style-type: none">• As single pump• As set	<ul style="list-style-type: none">• As single pump
Ideal for	<ul style="list-style-type: none">• For use on drums and tanks in agriculture, industry, workshops, and gas stations• Engine, transmission and hydraulic oils with a viscosity of 100-2.000 mPa·s up to SAE 80	<ul style="list-style-type: none">• Use e.g. in the workshop as a permanently installed delivery pump in existing systems with long pipelines• (Used) Oil extraction
Advantages	<ul style="list-style-type: none">• High pump capacity• Motor with thermal switch fuse	<ul style="list-style-type: none">• High delivery pressure• Motor with thermal switch fuse• Optionally with overflow valve

Hand pumps

Hand-operated classics – reliable and durable, made of robust materials for various media.

D R O U F C

Our hand pumps are timeless classics for small quantities - quick to install and easy to operate. They continue to be an indispensable part of our product range.

Without electricity and utilizing a simple lever principle, our pumps are designed for years of maintenance-free operation.

At the same time, each hand pump is a specialist in its own right for diesel, radiator antifreeze concentrate, AdBlue, oil, fuel, and/or chemicals.

ADVANTAGES

Low-wear and robust

Durable thanks to full cast body (some models)

Quick installation

Easy to use



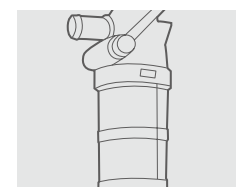
The OK 9 B hand pump for engine, transmission, and hydraulic oil

Manual drum pumps for every medium that last for years – Made in Germany!



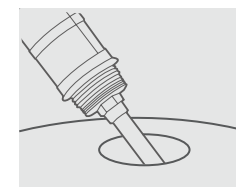
Stroke principle

Simple lever principle for the conveying of particularly small amounts.



Robust materials

Most models feature a full cast body for a long service life.



Quick installation

Easy installation allows for quick on-site deployment.

Our manual classics



TECALEMIT offers a range of pumps to fit your individual requirements!

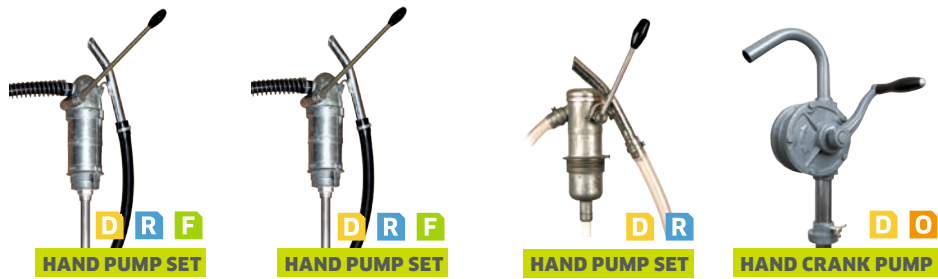
Our hand pumps are flexible and offer you solutions for small quantities in the non-commercial sector for your special needs and requirements for refueling – as a single pump or as a set with hose and spout.

Do you require an electric pump for more convenience and higher delivery capacity? If so, you'll want to find out more about our range of electric pumps.

And for customers who require a pneumatic pump, we also have different models to suit various scenarios in this brochure.



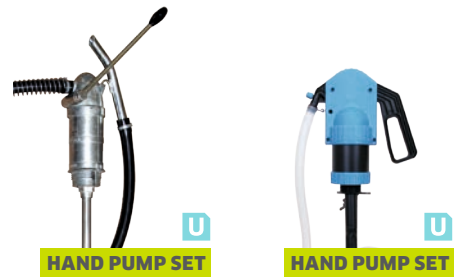
Our diesel hand pumps also work with eco fuels (GTL, HVO, R33)



	K 10 C Kit	K 10 C Kit „Potential“	KH 2	KP 01
Pump capacity	approx. 0.25 l/stroke	approx. 0.25 l/stroke	approx. 0.1 l/stroke	approx. 0.25 l/turn
Drum screw thread	M 64 x 4/G 2"	M 64 x 4/G 2"	M 64 x 4/G 2"	G 2"
Suction pipe	470 - 925 mm	470 - 925 mm	840 mm	990 mm
Dispensing hose	1,5 m - DN 19	1,5 m - DN 19	1 m - DN 16	-
Spout	Bent spout AK 20	Bent spout AK 20	Bent outlet VK 18	-
Special features	Telescoping suction	Incl. potential equalization	Locking device	Crank to pump
Ambient temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	0°C to +40°C
Dimensions (mm), W x H x D	approx. 100 x 260 x 100	approx. 100 x 260 x 100	approx. 110 x 195 x 100	approx. 210 x 270 x 130
Weight	approx. 3,8 kg	approx. 3,8 kg	approx. 0,85 kg	approx. 5,5 kg
Item number	103 089 100	103 089 200	101 073 100	131 130 100



	OK 9 B Kit	OK 9 BS Kit	HK 07	TG 5
Pump capacity	approx. 0.25 l/stroke	approx. 0.25 l/stroke	approx. 0.35 l/stroke	approx. 0.05 l/stroke
Drum screw thread	G 2"	G 2"	G 1½", G 2"	-
Suction pipe	490 - 925 mm	490 - 925 mm	445 - 850 mm	680 mm
Dispensing hose	-	1,5 m - DN 19	-	-
Spout	-	Bent spout AK 20	-	-
Special features	Telescoping suction	Telescoping suction pipe	Telescoping suction	Mobile, for 20/60 l drum
Ambient temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 220 x 390 x 120	approx. 110 x 300 x 120	approx. 250 x 420 x 70	approx. 650 x 1000 x 380
Weight	approx. 3,9 kg	approx. 3,9 kg	approx. 2,15 kg	approx. 6,2 kg
Item number	122 029 000	122 029 100	129 501 700	122 300 000



	K 10 C inox	Hand Pump AdBlue
Pump capacity	approx. 0.25 l/stroke	approx. 0.5 l/stroke
Drum screw thread	M 64 x 4/G 2"	2" BSP
Suction pipe	930 mm	690 - 980 mm
Dispensing hose	1,5 m - DN 19	1,5 m
Spout	Bent spout AK 20	-
Special features	Corrosion-resistant	+ Adapter S56x4, S70x6
Ambient temperature	-20°C to +40°C	-5°C to +45°C
Dimensions (mm), W x H x D	approx. 100 x 260 x 100	120 x 330 x 270
Weight	ca. 3,8 kg	approx. 0,98 kg
Item number	103 083 990	131 053 000



	PCP 250
Pump capacity	approx. 0.2 l/stroke
Drum screw thread	R 2"
Suction pipe	840 mm
Dispensing hose	1,2 m
Spout	-
Special features	-
Ambient temperature	+5°C to +40°C
Dimensions (mm), W x H x D	80 x 320 x 80
Weight	approx. 0,35 kg
Item number	131 053 200

Accessories

For hand pumps



You will find a selection of accessories on www.tecalemit.de under Product Overview > Pumps > Accessories for Pumps



HOSES

Do you require a dispensing hose or would like to add a spare hose to your order? Choose from our comprehensive range of products!

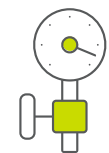
Item number	Item description	Compatible with...
308 103 100	Hose 40X DN 19x4 1,5 m AK 20 KN	OK 9 BS, K 10 C
316 103 100	Hose 365X DN 19x4 1,5 m AK KN	K 10 C
308 303 100	Hose 40X DN 19x4 1,5 m AV 20 KN	OK 9 BS, K 10 C
316 303 100	Hose 365X DN 19x4 1,5 m AV 20 KN	K 10 C
316 153 100	Hose 40X DN 13x3 1,5 m AH 14	TG5



DISPENSING NOZZLES AND SPOUTS

We supply various spouts for our hand pumps. Choose from our comprehensive range of products!

Item number	Item description	Compatible with...
250 100 000	Bent spout AK 20	OK 9 BS, K 10 C
250 300 000	Outlet nozzle AV 20	OK 9 BS, K 10 C
250 150 000	Outlet tap AH 14	TG5
250 350 000	Bent outlet VK 18	KH 2



OTHER ACCESSORIES

Whether it's an additional filter or the right adapter – we have what you're looking for and are glad to help you find various additional accessories!

Item number	Item description	Compatible with...
235 460 000	Telescoping pipe TR2/1	OK 9 BS, K 10 C
245 040 000	Filter FF 20	K 10 C (suction pipe Ø 20)
245 050 000	Filter FFT 26	K 10 C (telescoping suction pipe Ø 26)
209 060 030	Potential equalization cable 2 m	K 10 C
233 050 000	Saw thread adapter S70x6 A to G2"	PCP 250, Hand Pump AdBlue
233 050 010	Adapter S56X4 x 2" BSP	PCP 250, Hand Pump AdBlue

T **TECALEMIT**

GO WITH THE FLOW



Our hand pumps are robust and versatile – specialists for a wide range of media made of high-quality, durable materials.

Hand pumps

Electric pumps

Pneumatic pumps

HORNET 40

Electric pump

Durable and robust – our best-selling electric pump for use on drums and tanks: HORNET 40.



A simple electric pump, HORNET 40 is suitable for farm and company filling stations in agriculture and workshops with a low annual diesel consumption.

The centrifugal pump, installed in a slim, lightweight and impact-resistant plastic housing, offers – depending on viscosity and system design – a pump capacity of up to 38 l/min.

It is available as a single pump or as a set and can be optionally upgraded with our FMT 3 flow meters.

ADVANTAGES

Easy to handle, light

Low-wear and robust

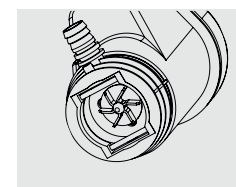
Safety thanks to integrated siphon protection and thermal fuse

Suction stage for manual pre-pumping and emergency operation

Available as a single pump or in a set as a complete system with tank

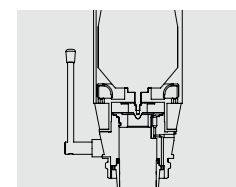


The entry-level model of our electric pumps in trusted TECALEMIT quality!



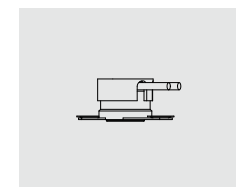
Centrifugal pump

Low-wear and easy-to-service centrifugal pumps.



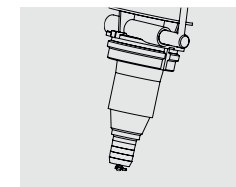
Internal siphon protection

Serves as spill protection should the dispensing hose suffer a break.



Thermal fuse

Turns off the pump in the event of overheating, thereby protecting the motor.



Suction stage

For pre-pumping or manual hand operation in the event of a power failure.

Our electronic entry-level model



TECALEMIT offers a range of pumps to fit your individual requirements!

Are you a farmer and would like an easy yet convenient refueling solution? Or do you operate a vehicle fleet with an annual diesel consumption of less than 50.000 liters?

Our HORNET 40 is flexible and offers solutions in the non-commercial sector for your special needs and requirements for refueling – as a single pump with various supply voltages, in a set with various nozzles, or as a complete set with tank.

Do you require a self-priming pump? Or do you have a higher annual diesel consumption and/or would like a higher pump capacity? If so, you'll want to find out more about our HORNET W 85 H or TecPump 600!

And for customers who require a hand pump or a pneumatic pump, we also have different models to suit various scenarios in this brochure.



Also works with diesel eco fuels (GTL, HVO, R33)



For diesel and radiator antifreeze concentrate



D R

ELECTRIC PUMP

D R

ELECTRIC PUMP

D R

ELECTRIC PUMP

	HORNET W 40 w/o acc.	HORNET G 40 /12	HORNET G 40 /12
Pump capacity	max. 38 l/min.	max. 31 l/min.	max. 34 l/min.
Maximum suction head	2 m	2 m	2 m
Suction port	Hose con. fitting DN 19	Hose con. fitting DN 19	Hose con. fitting DN 19
Drum screw thread	M 64 x 4/G 2"	M 64 x 4/G 2"	M 64 x 4/G 2"
Suction hose	-	-	-
Dispensing hose	-	-	-
Dispensing nozzle	-	-	-
Meter	-	-	-
Protection class	IP 44	IP 44	IP 44
Electr. connection	230 V / 50 Hz 1,2 A	12 V 12,5 A	24 V 7,5 A
Ambient temperature	-10°C to +35°C	-10°C to +35°C	-10°C to +35°C
Dimensions (mm), W x H x D	approx. 132 x 326 x 137	approx. 132 x 326 x 137	approx. 132 x 326 x 137
Weight	approx. 3,6 kg	approx. 3,2 kg	approx. 3,2 kg
Item number	104 420 000	104 430 000	104 440 000



D R

ELECTRIC PUMP SET

D R

ELECTRIC PUMP SET

D R

ELECTRIC PUMP SET

	HORNET W 40	HORNET G 40/12	HORNET G 40/24
Pump capacity	max. 38 l/min.	max. 31 l/min.	max. 34 l/min.
Maximum suction head	2 m	2 m	2 m
Suction port	Hose con. fitting DN 19	Hose con. fitting DN 19	Hose con. fitting DN 19
Drum screw thread	M 64 x 4/G 2"	M 64 x 4/G 2"	M 64 x 4/G 2"
Suction hose	1,6 m	1,6 m	1,6 m
Dispensing hose	4 m - DN 19	4 m - DN 19	4 m - DN 19
Dispensing nozzle	Standard, Car/Truck	Standard, Car/Truck	Standard, Car/Truck
Meter	-	-	-
Protection class	IP 44	IP 44	IP 44
Electr. connection	230 V / 50 Hz 1,2 A	12 V 12,5 A	24 V 7,5 A
Ambient temperature	-10°C to +35°C	-10°C to +35°C	-10°C to +35°C
Dimensions (mm), W x H x D	approx. 132 x 326 x 137	approx. 132 x 326 x 137	approx. 132 x 326 x 137
Weight	approx. 4,4 kg	approx. 4,4 kg	approx. 4,4 kg
Item number	104 428 700	104 438 700	104 448 700



D R

ELECTRIC PUMP SET

D R

ELECTRIC PUMP SET

D R

ELECTRIC PUMP SET

	HORNET W 40 A	HORNET G 40/12 A	HORNET G 40/24 A
Pump capacity	max. 32 l/min.	max. 24 l/min.	max. 27 l/min.
Maximum suction head	2 m	2 m	2 m
Suction port	Hose con. fitting DN 19	Hose con. fitting DN 19	Hose con. fitting DN 19
Drum screw thread	M 64 x 4/G 2"	M 64 x 4/G 2"	M 64 x 4/G 2"
Suction hose	1,6 m	1,6 m	1,6 m
Dispensing hose	4 m - DN 19	4 m - DN 19	4 m - DN 19
Dispensing nozzle	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck
Meter	-	-	-
Protection class	IP 44	IP 44	IP 44
Electr. connection	230 V / 50 Hz 1,2 A	12 V 12,5 A	24 V 7,5 A
Ambient temperature	-10°C to +35°C	-10°C to +35°C	-10°C to +35°C
Dimensions (mm), W x H x D	approx. 132 x 326 x 137	approx. 132 x 326 x 137	approx. 132 x 326 x 137
Weight	approx. 6 kg	approx. 6 kg	approx. 6 kg
Item number	104 528 700	104 538 700	104 548 700



Incl. 1.000 l steel tank

D R

SYSTEM WITH TANK

	HDT-W 40 A-VT 1000
Pump capacity	max. 32 l/min.
Maximum suction head	2 m
Suction port	G 1"
Drum screw thread	-
Suction hose	1,6 m
Dispensing hose	4 m - DN 19
Dispensing nozzle	Automatic, Car/Truck
Meter	-
Protection class	IP 44
Electr. connection	230 V / 50 Hz 1,2 A
Ambient temperature	-10°C to +35°C
Dimensions (mm), W x H x D	approx. 715 x 1.845 x 1.135
Weight	approx. 98 kg
Item number	150 501 000



For all HORNET 40

D R U W

METER

	FMT 3 retrofit set
Volume flow (min./max.)	5-120 l/min.
Viscosity range	0,8 -40 mPa•s
Burst pressure (min.)	20 bar
Operating pressure (max.)	10 bar
Protection class	IP 65
Accuracy (calibrated)	± 1 %
Nominal width	1" AG
Battery	2 x 1,5 V AAA
Battery life	approx. 5 years
Housing material	POM
Temperature of medium	-10 °C to +40 °C
Dimensions (mm), W x H x D	approx. 120 x 85 x 52
Weight	approx. 0,3 kg
Item number	253 591 000

TecPump 400 DC

Electric pump

As a direct current pump, our compact TecPump 400 DC is ideal for mobile construction site and field refueling.



Due to its 12 or 24 V supply, the TecPump 400 DC is preferably used as a mobile pump on drums in agriculture or on the construction site for diesel delivery.

The vane pump in the compact and robust cast housing achieves a pump capacity of up to 42 l/min.

It is available as a single pump or as a set and can optionally be ordered with our mechanical flow meter Z 400 or our digital flow meter FMT 3.



ADVANTAGES

Easy to handle, compact

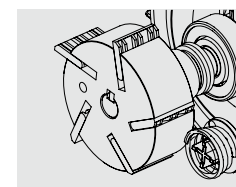
Robust cast housing

Safety thanks to integrated siphon protection and overflow valve

Suction filter integrated into pump chamber

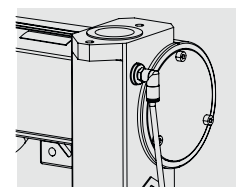
Available as a single pump or in a set with hose, dispensing nozzle and/or meter

The small and compact model with lots of extras – either in a 12 or 24V version.



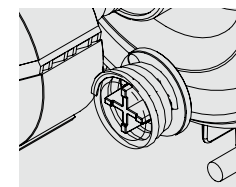
Vane pump

Self-priming vane pump with high pump capacity.



Optional siphon protection

Serves as spill protection should the dispensing hose suffer a break.



Overflow valve

Regulates the conveying pressure and limits it in the event of excess pressure.

Mobile refueling with direct current



TECALEMIT offers a range of pumps to fit your individual requirements!

Are you a farmer and would like an easy yet convenient refueling solution in the field, or require a mobile refueling solution on the construction site? Do you consume up to 150.000 liters of diesel annually for this purpose?

TecPump 400 DC is designed for direct current and offers solutions in the non-commercial sector for your special needs and requirements for refueling – as a single pump, in a set with different dispensing nozzles and/or in combination with a meter.

Do you require alternating current, have a higher annual diesel consumption and would like a higher pump capacity? If so, you'll want to find out more about our TecPump 600 or the high-performance HORNET W 85 H!

And for customers who require a hand pump or a pneumatic pump, we also have different models to suit various scenarios in this brochure.



Also works with diesel eco fuels (GTL, HVO, R33)



Incl. siphon protection

Incl. siphon protection

	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP</div>
	TecPump 400 DC /12	TecPump 400 DC /12	TecPump 400 DC /24	TecPump 400 DC /24
Pump capacity	max. 42 l/min.	max. 42 l/min.	max. 42 l/min.	max. 42 l/min.
Maximum suction head	4 m	4 m	4 m	4 m
Suction port	G 1"	G 1"	G 1"	G 1"
Drum screw thread	G 2"	G 2"	G 2"	G 2"
Suction hose	-	-	-	-
Dispensing hose	-	-	-	-
Dispensing nozzle	-	-	-	-
Meter	-	-	-	-
Protection class	IP 54	IP 54	IP 54	IP 54
Electr. connection	12,5 V 24 A	12,5 V 24 A	24,5 V 13 A	24,5 V 13 A
Ambient temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 158 x 138 x 214	approx. 158 x 138 x 214	approx. 158 x 138 x 214	approx. 158 x 138 x 214
Weight	approx. 7,3 kg	approx. 7,3 kg	approx. 7,3 kg	approx. 7,3 kg
Item number	105 700 100	105 700 000	105 800 100	105 800 000



	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>
	TecPump 400 DC 12 sta.	TecPump 400 DC 24 sta.
Pump capacity	max. 42 l/min.	max. 42 l/min.
Maximum suction head	4 m	4 m
Suction port	G 1"	G 1"
Drum screw thread	G 2"	G 2"
Suction hose	1,65 m	1,65 m
Dispensing hose	4 m – DN 19	4 m – DN 19
Dispensing nozzle	Automatic, Car/Truck	Automatic, Car/Truck
Meter	-	-
Protection class	IP 54	IP 54
Electr. connection	12,5 V 24 A	24,5 V 13 A
Ambient temperature	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 158 x 138 x 214	approx. 158 x 138 x 214
Weight	approx. 11,2 kg	approx. 11,2 kg
Item number	105 720 400	105 820 400



	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>
	TecPump 400 DC 12 eco	TecPump 400 DC 24 eco
Pump capacity	max. 42 l/min.	max. 42 l/min.
Maximum suction head	4 m	4 m
Suction port	G 1"	G 1"
Drum screw thread	G 2"	G 2"
Suction hose	1,65 m	1,65 m
Dispensing hose	4 m – DN 19	4 m – DN 19
Dispensing nozzle	Standard, Car/Truck	Standard, Car/Truck
Meter	-	-
Protection class	IP 54	IP 54
Electr. connection	12,5 V 24 A	24,5 V 13 A
Ambient temperature	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 158 x 138 x 214	approx. 158 x 138 x 214
Weight	approx. 10,2 kg	approx. 10,2 kg
Item number	105 710 400	105 810 400



D

R

ELECTRIC PUMP SET



D

R

ELECTRIC PUMP SET

	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>	<div><div>D</div><div>R</div></div> <div>ELECTRIC PUMP SET</div>
	TecPump 400 DC 12 Z 400	TecPump 400 DC 24 Z 400	TecPump 400 DC 12 FMT 3	TecPump 400 DC 24 FMT 3
Pump capacity	max. 42 l/min.	max. 42 l/min.	max. 42 l/min.	max. 42 l/min.
Maximum suction head	4 m	4 m	4 m	4 m
Suction port	G 1"	G 1"	G 1"	G 1"
Drum screw thread	G 2"	G 2"	G 2"	G 2"
Suction hose	1,65 m	1,65 m	1,65 m	1,65 m
Dispensing hose	4 m – DN 19	4 m – DN 19	4 m – DN 19	4 m – DN 19
Dispensing nozzle	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck
Meter	Z 400	Z 400	FMT 3	FMT 3
Protection class	IP 54	IP 54	IP 54	IP 54
Electr. connection	12,5 V 24 A	24,5 V 13 A	12,5 V 24 A	24,5 V 13 A
Ambient temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 158 x 399 x 214	approx. 158 x 399 x 214	approx. 158 x 355 x 214	approx. 158 x 355 x 214
Weight	approx. 13,4 kg	approx. 13,4 kg	approx. 12 kg	approx. 12 kg
Item number	105 721 400	105 821 400	105 722 400	105 822 400

TecPump 600 AC

Electric pump

As an alternating current pump, our high-performance TecPump 600 AC can be integrated into many systems.



Powerful and robust – and at the same time, with its many variants, an all-rounder for many different applications: TecPump 600 AC.

The vane pump in the robust and durable cast housing achieves a pump capacity of up to 55 l/min.

It is available as a single pump, in a set, with tank, or as a built-in pump and can optionally be ordered with our mechanical flow meter Z 400 or our digital flow meter FMT 3.



ADVANTAGES

High pump capacity

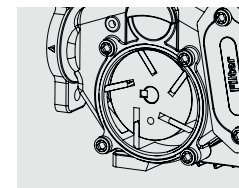
Robust cast housing

Safety thanks to optional siphon protection, thermal fuse and overflow valve

Suction filter integrated into pump chamber

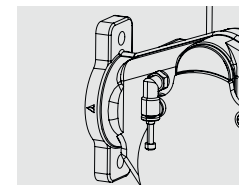
Available as a single pump, in a set, with hose, nozzle and/or meter, with tank, or in a system version

Our robust powerhouse with a wide range of applications and sophisticated technology.



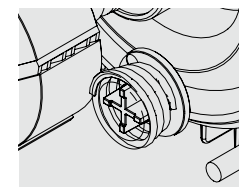
Vane pump

Self-priming vane pump with high pump capacity.



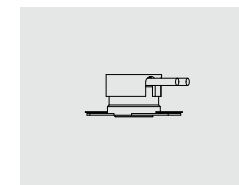
Optional siphon protection

Serves as spill protection should the dispensing hose suffer a break.



Overflow valve

Regulates the conveying pressure and limits it in the event of excess pressure.



Thermal fuse

Turns off the pump in the event of overheating, thereby protecting the motor.

All-rounder with wide range of applications



TECALEMIT offers a range of pumps to fit your individual requirements!

Are you in agriculture, own a workshop, work in industry or operate a gas station and require a powerful diesel pump that is to be integrated into an existing system? Do you consume up to 150.000 liters of diesel annually for this purpose?

TecPump 600 AC is designed for alternating current and offers solutions in the commercial sector for your special needs and requirements for refueling – as a single pump, in a set with different dispensing nozzles and/or in combination with a meter and/or tank.

Would you like a higher pump capacity, but also want a pump that is durable and low-wear? If so, you'll want to find out more about our professional pump, the HORNET W 85 H.

And for customers who require a hand pump or a pneumatic pump, we also have different models to suit various scenarios in this brochure.



Also works with diesel eco fuels (GTL, HVO, R33)



For diesel and radiator antifreeze concentrate



D R

ELECTRIC PUMP

	TecPump 600 AC
Pump capacity	max. 55 l/min.
Maximum suction head	4 m
Suction port	G 1"/Flansch
Drum screw thread	G 2"
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 54
Electr. connection	230 V / 50 Hz 2,6 A
Ambient temperature	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 182 x 150 x 245
Weight	approx. 7,6 kg
Item number	105 600 100



Incl. siphon protection

D R

ELECTRIC PUMP

	TecPump 600 AC
Pump capacity	max. 55 l/min.
Maximum suction head	4 m
Suction port	G 1"/Flansch
Drum screw thread	G 2"
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 54
Electr. connection	230 V / 50 Hz 2,6 A
Ambient temperature	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 182 x 150 x 245
Weight	approx. 7,6 kg
Item number	105 600 000



D R

ELECTRIC PUMP SET



D R

ELECTRIC PUMP SET



D R

ELECTRIC PUMP SET



D R

ELECTRIC PUMP SET

	TecPump 600 AC eco	TecPump 600 AC sta.	TecPump 600 AC Z 400	TecPump 600 AC FMT 3
Pump capacity	max. 55 l/min.	max. 55 l/min.	max. 55 l/min.	max. 55 l/min.
Maximum suction head	4 m	4 m	4 m	4 m
Suction port	G 1"	G 1"	G 1"	G 1"
Drum screw thread	G 2"	G 2"	G 2"	G 2"
Suction hose	1,6 m	1,6 m	1,6 m	1,6 m
Dispensing hose	4 m - DN 19	4 m - DN 19	4 m - DN 19	4 m - DN 19
Dispensing nozzle	Standard, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck
Meter	-	-	Z 400	FMT 3
Protection class	IP 54	IP 54	IP 54	IP 54
Electr. connection	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A
Ambient temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 182 x 150 x 245	approx. 182 x 150 x 245	approx. 182 x 405 x 245	approx. 182 x 345 x 245
Weight	approx. 14,2 kg	approx. 14,2 kg	approx. 17,4 kg	approx. 14,6 kg
Item number	105 610 400	105 620 400	105 621 400	105 622 400



D R

ELECTRIC PUMP SET



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ELECTRIC PUMP SET



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ELECTRIC PUMP SET



D R

ELECTRIC PUMP SET

	TecPump System	TecPump System Z 400	TecPump System FMT 3	Diesel-Eco-Box 3
Pump capacity	max. 55 l/min.	max. 55 l/min.	max. 55 l/min.	max. 55 l/min.
Maximum suction head	4 m	4 m	4 m	4 m
Suction port	G 1"	G 1"	G 1"	G 1"
Drum screw thread	G 2"	G 2"	G 2"	-
Suction hose	-	-	-	-
Dispensing hose	4 m - DN 19	4 m - DN 19	4 m - DN 19	4 m - DN 19
Dispensing nozzle	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck
Meter	-	Z 400	FMT 3	Z 400
Protection class	IP 54	IP 54	IP 54	IP 54
Electr. connection	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A
Ambient temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 350 x 350 x 222	approx. 442 x 350 x 230	approx. 377 x 350 x 222	approx. 340 x 460 x 210
Weight	approx. 13,9 kg	approx. 15,8 kg	approx. 14,2 kg	approx. 20 kg
Item number	110 350 400	110 360 400	110 370 400	110 310 044

Incl. 1.000 l steel tank



D R

ELECTRIC PUMP SET



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ELECTRIC PUMP SET



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ELECTRIC PUMP SET



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ELECTRIC PUMP SET

	HDT-Diesel-Eco-Box 3	HDT-TecPump 600	HDT-TecPump 600 Z 400	HDT-TecPump 600 FMT 3
Pump capacity	max. 55 l/min.	max. 55 l/min.	max. 55 l/min.	max. 55 l/min.
Maximum suction head	4 m	4 m	4 m	4 m
Suction port	G 1"	G 1"	G 1"	G 1"
Drum screw thread	-	-	-	-
Suction hose	1,6 m	1,6 m	1,6 m	1,6 m
Dispensing hose	4 m - DN 19	4 m - DN 19	4 m - DN 19	4 m - DN 19
Dispensing nozzle	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck
Meter	Z 400	-	Z 400	FMT 3
Protection class	IP 54	IP 54	IP 54	IP 54
Electr. connection	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A
Ambient temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Dimensions (mm), W x H x D	approx. 715 x 1.715 x 1.135	approx. 715 x 1.852 x 1.135	approx. 715 x 2.027 x 1.135	approx. 715 x 1.937 x 1.135
Weight	approx. 104 kg	approx. 108 kg	approx. 110 kg	approx. 108 kg
Item number	150 301 064	110 320 400	110 330 400	110 340 400

HORNET W 85 H

Electric pump

Low-wear and powerful – our HORNET W 85 H is an innovation among diesel pumps!

D R U C

With the intelligent hybrid pump principle, the HORNET W 85 H is the most powerful pump among our electric pumps, at the same time meeting the requirements for a long service life.

Additionally equipped with integrated temperature monitoring, it is a reliable and strong helper in agriculture, the workshop, industrial settings, or fleet refueling.

It is available as a single pump or as a set and can be optionally upgraded with our digital FMT 3 flow meters.

ADVANTAGES

High pump capacity

Low-wear and robust

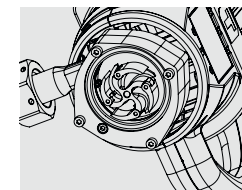
Safety thanks to integrated siphon protection and thermal fuse

Available in a model for diesel and radiator antifreeze concentrate, and in a model for AdBlue and fuel oil additives.

Pump housing is zinc die cast (W85 H) or stainless steel investment casting (W 85 H inox)

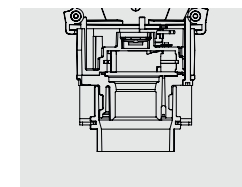


High quality and innovative technology – the HORNET W 85 H series has everything you need.



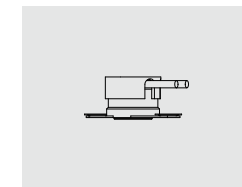
Hybrid pump

Self-priming, low-wear hybrid pump with high delivery rate.



Siphon protection

Serves as spill protection should the dispensing hose suffer a break.



Thermal fuse

Turns off the pump in the event of overheating, thereby protecting the motor.

The most powerful electric pump



TECALEMIT offers a range of pumps to fit your individual requirements!

Are you a farmer and would like an easy yet convenient refueling solution? Or do you operate a vehicle fleet with an annual diesel consumption of up to 150.000 liters?

Our HORNET W 85 H is a true powerhouse and offers solutions in the commercial sector for your special needs and requirements for refueling – as a single pump or in a set.

Do you require an electric pump that can be integrated into an existing system? If so, you'll want to find out more about our TecPump 600 AC! Are you looking for a pump that is operated using direct current? If so, the TecPump 400 DC is the right choice for you.

And for customers who require a hand pump or a pneumatic pump, we also have different models to suit various scenarios in this brochure.



Also works with diesel eco fuels (GTL, HVO, R33)



D R
ELECTRIC PUMP

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ELECTRIC PUMP

	HORNET W 85 H	HORNET W 85 H inox
Pump capacity	max. 68 l/min.	max. 48 l/min.
Maximum suction head	4 m	4 m
Suction port	G 1"	G ¾"
Drum screw thread	G 2"	G 2"
Suction hose	-	-
Dispensing hose	-	-
Dispensing nozzle	-	-
Meter	-	-
Protection class	IP 54	IP 54
Electr. connection	230 V / 50 Hz 4,5 A	230 V / 50 Hz 2,6 A
Ambient temperature	-25°C to +40°C	-5°C to +40°C
Dimensions (mm), W x H x D	approx. 205 x 286 x 161	approx. 205 x 261 x 116
Weight	approx. 3,6 kg	approx. 3,7 kg
Item number	108 500 001	108 600 000



D R
ELECTRIC PUMP SET



D R
ELECTRIC PUMP



D R
ELECTRIC PUMP

	HORNET W 85 H Set	HORNET W 85 H Z 400	HORNET W 85 H FMT 3
Pump capacity	max. 68 l/min.	max. 66 l/min.	max. 63 l/min.
Maximum suction head	4 m	4 m	4 m
Suction port	G 1"	G 1"	G 1"
Drum screw thread	G 2"	G 2"	G 2"
Suction hose	1,6 m	1,6 m	1,6 m
Dispensing hose	4 m – DN 19	6 m – DN 25	6 m – DN 25
Dispensing nozzle	Automatic, Car/Truck	Automatic, Car/Truck	Automatic, Car/Truck
Meter	-	Z 400	FMT 3
Protection class	IP 54	IP 54	IP 54
Electr. connection	230 V / 50 Hz 4,5 A	230 V / 50 Hz 4,5 A	230 V / 50 Hz 4,5 A
Ambient temperature	-25°C to +40°C	-25°C to +40°C	-25°C to +40°C
Dimensions (mm), W x H x D	approx. 205 x 286 x 400	approx. 205 x 286 x 400	approx. 205 x 286 x 400
Weight	approx. 8,5 kg	approx. 8,5 kg	approx. 8,5 kg
Item number	108 500 100	108 502 200	108 501 202



U
ELECTRIC PUMP SET



U
ELECTRIC PUMP SET



U
ELECTRIC PUMP SET

Set for tank- a.
drum mounting

	W 85 H inox Set	W 85 H inox Set light	W 85 H inox Set FMT 3
Pump capacity	max. 48 l/min.	max. 48 l/min.	max. 48 l/min.
Maximum suction head	4 m	4 m	4 m
Suction port	G ¾"	G ¾"	G ¾"
Drum screw thread	G 2"	G 2"	G 2"
Suction hose	0,8 m with SEC coupling	0,8 m with SEC coupling	0,8 m with SEC coupling
Dispensing hose	8 m – DN 19	4 m – DN 19	8 m – DN 19
Dispensing nozzle	Automatic, Truck	Standard, Truck	Automatic, Truck
Meter	-	-	FMT 3
Protection class	IP 54	IP 54	IP 54
Electr. connection	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A
Ambient temperature	-5°C to +40°C	-10°C to +40°C	-10°C to +40°C
Dimensions (mm), W x H x D	approx. 215 x 355 x 380	approx. 215 x 255 x 380	approx. 215 x 355 x 380
Weight	approx. 12,2 kg	approx. 12 kg	approx. 10 kg
Item number	108 600 100	108 600 300	108 601 101



U
ELECTRIC PUMP SET



U
ELECTRIC PUMP SET



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ELECTRIC PUMP SET

Set for drum
mounting

	W 85 H inox Set	W 85 H inox Set light	W 85 H inox Set FMT 3
Pump capacity	max. 48 l/min.	max. 48 l/min.	max. 48 l/min.
Maximum suction head	4 m	4 m	4 m
Suction port	G ¾"	G ¾"	G ¾"
Drum screw thread	G 2" *	G 2" *	G 2" *
Suction hose	Suction pipe 1 m	Suction pipe 1 m	Suction pipe 1 m
Dispensing hose	8 m – DN 19	8 m – DN 19	8 m – DN 19
Dispensing nozzle	Automatic, Truck	Standard, Truck	Automatic, Truck
Meter	-	-	FMT 3
Protection class	IP 54	IP 54	IP 54
Electr. connection	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A	230 V / 50 Hz 2,6 A
Ambient temperature	-10°C to +40°C	-10°C to +40°C	-10°C to +40°C
Dimensions (mm), W x H x D	approx. 191 x 253 x 205	approx. 191 x 253 x 205	approx. 191 x 253 x 205
Weight	approx. 11,5 kg	approx. 10,7 kg	approx. 11,8 kg
Item number	108 600 400	108 600 600	108 601 401

VISCONET II

Electric pump

VISCONET II is the ideal pump for engine or transmission oil and pumps fresh oils with a viscosity of up to 2,000 mPa•s.

O

VISCONET II is suitable as an engine and transmission oil pump in agriculture, industry, workshop and at the gas station, where the focus is on fast and precise oil refueling.

Depending on the viscosity and system design, the vane pump in the robust and durable cast housing achieves a delivery pressure of up to 4.5 bar and a pump capacity of up to 28 l/min.

It is available as a single pump or in a set with our FMOG flow meter or our HDZ hand flow meter.



ADVANTAGES

High pump capacity

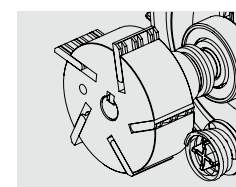
Robust cast housing

Safety thanks to thermal fuse

For fresh oils up to SAE 80

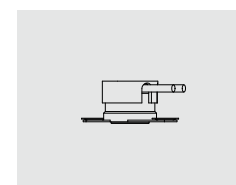
Available as a single pump or in a set with hand flow meter or flow meter

The fresh oil specialist for a wide range of applications – cleverly designed with high-quality workmanship.



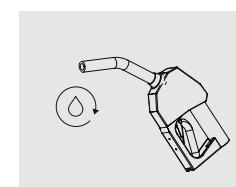
Vane pump

Self-priming vane pump with high pump capacity for fresh oils..



Thermal fuse

Turns off the pump in the event of overheating, thereby protecting the motor.



High viscosity range

Conveys media with viscosities from 100 - 2.000 mPa•s.

Professional drum pump for workshops



TECALEMIT offers a range of pumps to fit your individual requirements!

Do you own a workshop, work in agriculture, or operate a gas station and would like to dispense engine or transmission oil?

VISCONET II is flexible and offers you solutions in the non-commercial sector for your special needs and requirements – as a single pump or in a set.

Do you require an oil pump that can pump oils at a higher pressure and also pump used oil and radiator antifreeze concentrate? If so, you'll want to find out more about our internal gear pump TZ 10!

And for customers who require a hand pump or a pneumatic pump, we also have different models to suit various scenarios in this brochure.



O

ELECTRIC PUMP

	VISCONET II
Pump capacity	max. 28 l/min.
Maximum suction head	4 m
Suction port	G 1¼"
Drum screw thread	G 2"
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 54
Electr. connection	230 V / 50 Hz 5,3 A
Ambient temperature	+10°C to +40°C
Dimensions (mm), W x H x D	approx. 308 x 247 x 192
Weight	approx. 13,5 kg
Item number	104 120 000



O

ELECTRIC PUMP SET

	VISCONET II Set FMOG
Pump capacity	max. 24 l/min.
Maximum suction head	4 m
Suction port	G 1¼"
Drum screw thread	G 2"
Suction hose	-
Dispensing hose	4 m - DN 19
Dispensing nozzle	Standard, Car/Truck
Meter	FMOG (non calibratable)
Protection class	IP 54
Electr. connection	230 V / 50 Hz 5,3 A
Ambient temperature	+10°C to +40°C
Dimensions (mm), W x H x D	approx. 308 x 322 x 192
Weight	approx. 22 kg
Item number	104 133 701



O

ELECTRIC PUMP SET

	VISCONET II Set
Pump capacity	max. 28 l/min.
Maximum suction head	4 m
Suction port	G 1¼"
Drum screw thread	G 2"
Suction hose	-
Dispensing hose	4 m - DN 19
Dispensing nozzle	Standard, Car/Truck
Meter	-
Protection class	IP 54
Electr. connection	230 V / 50 Hz 5,3 A
Ambient temperature	+10°C to +40°C
Dimensions (mm), W x H x D	approx. 308 x 247 x 192
Weight	approx. 21,5 kg
Item number	104 123 700



O

ELECTRIC PUMP SET

	VISCONET II Set HDZ
Pump capacity	max. 8 l/min.
Maximum suction head	4 m
Suction port	G 1¼"
Drum screw thread	G 2"
Suction hose	-
Dispensing hose	4 m - DN 19
Dispensing nozzle	Hand flow meter
Meter	FMOG (non calibratable)
Protection class	IP 54
Electr. connection	230 V / 50 Hz 5,3 A
Ambient temperature	+10°C to +40°C
Dimensions (mm), W x H x D	approx. 308 x 247 x 192
Weight	approx. 23 kg
Item number	104 123 702

TECALEMIT

GO WITH
THE FLOW

In agriculture, you need good equipment
that adapts to various requirements and applications.
Hence, we offer pumps for a wide range of media
and in various sets, allowing everyone to find
the right pump for their needs.

Hand pumps

Electric pumps

Pneumatic pumps

Gear pump TZ

Electric pump

A true multi-talent for conveying oil: Our TZ achieves high pressures and conveys both fresh and used oil!



Ideal as a feed pump in permanently installed piping systems or as a suction pump: Thanks to the high pressures it generates, our TZ can be used even with long pipe systems.

Depending on the viscosity and system design, the internal gear pump achieves a delivery pressure of up to 10 bar and a pump capacity of up to 10 l/min.

The TZ 10 with 230 V motor can pump a max. viscosity of 600 mPa•s and the TZ 10 with 400 V motor a max. viscosity of 2.000 mPa•s.



ADVANTAGES

High delivery pressure

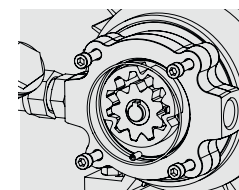
Low-wear and robust

Safety thanks to thermal fuse and optional overflow valve

Low noise emissions with calm, pulse-free conveyance

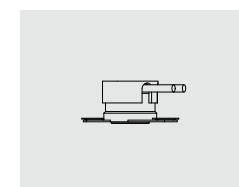
Available as a single pump or as a single extraction unit

Robust workmanship and low-wear components – a pump you can rely on!



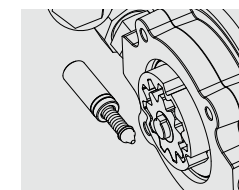
Internal gear pump

Powerful and robust internal gear pump for generating high pressures.



Thermal fuse

Turns off the pump in the event of overheating, thereby protecting the motor.



Optional overflow valve

Regulates the conveying pressure and limits it in the event of excess pressure.

Quiet and powerful oil feed pump



TECALEMIT offers a range of pumps to fit your individual requirements!

Are you a workshop owner and need a powerful oil pump that you can integrate into an existing system? Or do you need a portable, mobile extraction unit for engine and/or transmission oil?

The gear pump TZ is flexible and offers solutions in the non-commercial sector for your special needs and requirements for refueling – as a single pump or as a mobile, portable extraction unit.

Do you require an oil pump that can be installed on a barrel for fast, convenient refueling? If so, you'll want to find out more about our VISCONET II!

And for customers who require a hand pump or a pneumatic pump, we also have different models to suit various scenarios in this brochure.



For fresh oil, used oil and radiator antifreeze concentrate



O O R

ELECTRIC PUMP

	TZ 10 4,1 A
Pump capacity	max. 10 l/min.
Maximum suction head	4 m
Suction port	G ½"
Drum screw thread	-
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 54
Electr. connection	230 V / 50 Hz 4,1 A
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 320 x 235 x 155
Weight	approx. 14 kg
Item number	028 610 101



Incl. Over-flow valve

O O R

ELECTRIC PUMP

	TZ 10 4,1 A
Pump capacity	max. 10 l/min.
Maximum suction head	4 m
Suction port	G ½"
Drum screw thread	-
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 54
Electr. connection	230 V / 50 Hz 4,1 A
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 320 x 235 x 155
Weight	approx. 14 kg
Item number	028 610 201



Incl. Over-flow valve

O O R

ELECTRIC PUMP

	TZ 10, portable 4,1 A
Pump capacity	max. 10 l/min.
Maximum suction head	4 m
Suction port	G ½"
Drum screw thread	-
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 44
Electr. connection	230 V / 50 Hz 4,1 A
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 388 x 330 x 266
Weight	approx. 20 kg
Item number	015 471 201



Incl. on/off switch

Incl. Over-flow valve

O O R

ELECTRIC PUMP

	TZ 10 4,1 A
Pump capacity	max. 10 l/min.
Maximum suction head	4 m
Suction port	G ½"
Drum screw thread	-
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 44
Electr. connection	230 V / 50 Hz 4,1 A
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 320 x 235 x 155
Weight	approx. 20 kg
Item number	028 660 151



Incl. Over-flow valve

O O R

ELECTRIC PUMP

	TZ 10 1,5 A
Pump capacity	max. 10 l/min.
Maximum suction head	4 m
Suction port	G ½"
Drum screw thread	-
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 54
Electr. connection	400 V / 50 Hz 1,5 A
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 320 x 200 x 155
Weight	approx. 12 kg
Item number	028 610 301



For used oil extraction

O O R

ELECTRIC PUMP SET

	TZ 10, portable+ 4,2 A
Pump capacity	max. 10 l/min.
Maximum suction head	4 m
Suction port	G ¾"
Drum screw thread	-
Suction hose	-
Dispensing hose	-
Dispensing nozzle	-
Meter	-
Protection class	IP 44
Electr. connection	230 V / 50 Hz 4,2 A
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 330 x 225 x 340
Weight	approx. 20 kg
Item number	013 862 012

Accessories

For electric pumps



You will find a selection of accessories on www.tecalemit.de under Product Overview > Pumps > Accessories for Pumps



HOSES AND LINES

Do you require a longer dispensing hose or would like to add a spare hose to your order? Choose from our comprehensive range of products!

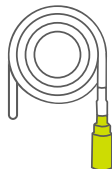
Item number	Item description	Compatible with...
247 080 000	Hose 40X DN 19x4 (€/m)	HORNET 40
331 000 400	Hose DN 19x4 1" ET 4,0 m	TecPump, VISCONET II, W 85 H
331 000 600	Hose DN 19x4 1" ET 6,0 m	TecPump, VISCONET II, W 85 H
331 000 800	Hose DN 19x4 1" ET 8,0 m	TecPump, VISCONET II, W 85 H
319 000 499	Dispensing hose 4,0 m DN 25, built-in 1" ET	W 85 H X
319 000 699	Dispensing hose 6,0 m DN 25, built-in 1" ET	W 85 H X
319 000 899	Dispensing hose 8,0 m DN 25, built-in 1" ET	W 85 H X
247 440 000	Dispensing hose for AdBlue, DN19x4 (€/m)	W 85 H inox
029 060 412	Suction/dispensing hose DN 16 1,60 m G ½"	Gear pumps
029 060 422	Suction/dispensing hose DN 16 2,25 m G ½"	Gear pumps
029 060 432	Suction/dispensing hose DN 16 3,15 m G ½"	Gear pumps
029 060 442	Suction/dispensing hose DN 16 4,50 m G ½"	Gear pumps
029 060 462	Suction/dispensing hose DN 16 6,30 m G ½"	Gear pumps
234 401 000	Suction line, complete W 40	HORNET W 40
234 338 000	Suction hose 1,6 m, complete with filter	TecPump, W 85 H
029 056 451	Drum suction line DN 32 1,0 m G ¾"	Gear pumps*
043 508 481	Suction pipe guide ring 2"	For drum suction line 029056451
029 056 391	Suction line for oth. tank sizes 1,80 m G ¾"	Gear pumps*



FLOW METERS

An additional flow meter helps you to easily see the quantity of medium dispensed at a glance!

Item number	Item description	Compatible with...
253 010 101	Z 400 meter retrofit set	TecPump 400/600
253 591 000	FMT 3 meter retrofit set	HORNET 40
253 591 004	FMT 3 meter retrofit set	TecPump 400/600
253 591 020	FMT 3 meter retrofit set	W 85 H, W 85 H X
253 520 200	FMOG ne meter retrofit set	VISCONET II
027 170 211	Hand flow meter FMOG ne (engine oil)	VISCONET II, gear pumps*
027 170 221	Hand flow meter FMOG ne (transmission oil)	VISCONET II, gear pumps*
513 380 004	Connecting piece for HDZ 1"1-1/2"A	For HDZ to VISCONET II



PROBES, ADAPTERS, AND FITTINGS

Our electric, portable gear pump with the item no. 013 862 012 can be equipped with additional probes, adapters and fittings.

Item number	Item description	Compatible with...
027 270 011	Suction fitting (ball valve, probe coupling)	Gear pump 013 862 012
027 270 501	Suction fitting MB ½"	Gear pump 013 862 012
027 028 011	MB/VAG adapter	Gear pump 013 862 012
027 270 201	Filling adapter NAG 2	Gear pump 013 862 012
027 027 011	Suction probe 5 mm, 645 mm rigid, white	Gear pump 013 862 012
027 027 021	Suction probe 6 mm, 645 mm rigid, yellow	Gear pump 013 862 012
027 027 051	Suction probe 5,4 mm, 645 mm flexible	Gear pump 013 862 012
027 027 061	Suction probe 5,4 mm, 1200 mm flexible	Gear pump 013 862 012
027 027 072	Suction probe 8 mm, 700 mm flexible	Gear pump 013 862 012
027 027 141	Suction probe 5,4 mm, 950 mm flexible	Gear pump 013 862 012
027 027 181	Suction probe 10 mm, 680 mm flexible	Gear pump 013 862 012



DISPENSING NOZZLES AND SPOUTS

Each of our dispensing nozzles or spouts is a specialist and there is a suitable nozzle for every pump!

Item number	Item description	Compatible with...
252 400 000	Standard disp. nozzle ZP 19	HORNET 40
252 300 001	ZV 2000 (swiv. joint)	HORNET 40
252 610 000	Autom. disp. nozzle A 2010 (swiv. joint)	HORNET 40
252 300 000	ZV 2000 (swiv. joint 1" IT)	TecPump 400/600, VISCONET II
252 620 000	Autom. disp. nozzle A 2010 (SDR 1" IT)	TecPump 400/600, W 85 H
252 690 000	ZVA 4.1 Slimline DN 20 1" IT	TecPump 400/600, W 85 H
252 650 000	Autom. disp. nozzle ZVA 25 1" IT	W 85 H X
252 350 000	Polymer disp. nozzle AUS 32 (swiv. joint)	W 85 H inox
252 711 032	Autom. disp. nozzle A2003-ES (swiv. joint, catch)	W 85 H inox
252 712 030	Autom. disp. nozzle A2003-KS (swiv. joint)	W 85 H inox
252 712 031	Autom. disp. nozzle A2003-KS (swiv. joint, catch)	W 85 H inox
027 240 532	Spigot ½", for engine oil	Gear pumps
027 240 552	Spigot ½", for transmission oil	Gear pumps

TecPump DP X6

Pneumatic pump

Pneumatically operated piston pump with different transmission ratios for drums and tanks – the TecPump DP X6.



TecPump DP X6 is a simple air pump suitable for workshops and industrial settings with a low annual oil consumption.

Depending on the viscosity and system design, the piston pump achieves a delivery pressure of 6 to 8 bar and a delivery rate of up to 16 l/min.

It is available as a single pump with a 94 cm or 29 cm long suction pipe and various transmission ratios. In addition, it can be ordered as a set with dispensing nozzle (incl. engine and transmission oil spout), pressure regulator, spiral compressed air hose, coupling and plug nipple or optionally also with our digital hand flow meter FMOG and hose reel.

ADVANTAGES

High delivery pressure

Low-wear and robust

Energy-efficient

Low noise emissions

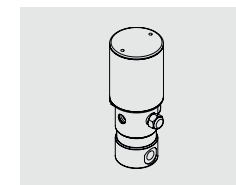
Optional pressure regulator incl. shut-off valve

Available as a single pump or in a set incl. 4 m hose, dispensing nozzle, pressure regulator, spiral compressed air hose, coupling, and plug nipple.

Also available with optional FMOG meter or FMOG meter and Hose reel eco

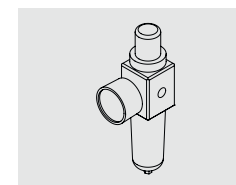


Durable and well-thought-out mechanical components for reliable and professional oil dispensation!



Piston pump

Heavy-duty, robust piston pump for generating high pressures.



Optional pressure regulator

Regulates the pressure and can be adjusted manually with the shut-off valve provided.

Powerful multi-talent for a wide range of applications



TECALEMIT offers a range of pumps to fit your individual requirements!

Are you in industry or operate a workshop and require a pneumatic pump for universal use as an oil drum pump and which is available in a wide range of versions?

Our TecPump DP X6 is flexible and offers solutions in the commercial sector for your special needs and requirements for refueling – as a single pump with various transmission ratios, in a set with hose, dispensing nozzle and/or meter, with drum, and optionally with hose reel.

Do you require a pneumatic pump that offers a high pump capacity and is also suitable for extracting used oil? If so, you'll want to find out more about our pneumatically operated double diaphragm pump!

And for customers who require a hand pump or an electric pump, we also have different models to suit various scenarios in this brochure.



	<div><div>0</div><div>PNEUMATIC PUMP</div></div>	<div><div>0</div><div>PNEUMATIC PUMP</div></div>	<div><div>0</div><div>PNEUMATIC PUMP</div></div>
	TecPump DP 16 Drum	TecPump DP 36 Drum	TecPump DP 56 Drum
Pump capacity*	max. 22 l/min.	max. 18 l/min.	max. 15 l/min.
Viscosity range	max. 5.000 mPa·s	max. 5.000 mPa·s	max. 5.000 mPa·s
Air consumption	340 l/min.	330 l/min.	420 l/min.
Transmission ratio	1:1	3:1	5:1
Suction port	1" IT BSP	1" IT BSP	1" IT BSP
Drum screw thread	2" BSP	2" BSP	2" BSP
Compressed air connection	¼" IT	¼" IT	¼" IT
Spout	-	-	-
Supply voltage	-	-	-
Ambient temperature	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
Dimensions (mm), W x H x D	approx. 117 x 1.335 x 73	approx. 117 x 1.190 x 73	approx. 117 x 1.190 x 95
Weight	approx. 6,7 kg	approx. 6,5 kg	approx. 6,7 kg
Item number	121 421 102	121 423 102	121 425 101

Alternatively also with a short suction pipe – feel free to contact us!
*system and viscosity dependent at 6 bar air inlet pressure



	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>
	TecPump DP 16 eco	TecPump DP 36 eco	TecPump DP 56 eco
Pump capacity	max. 16 l/min.	max. 13 l/min.	max. 15 l/min.
Viscosity range	max. 5.000 mPa·s	max. 5.000 mPa·s	max. 5.000 mPa·s
Air consumption	300 l/min.	300 l/min.	420 l/min.
Transmission ratio	1:1	3:1	5:1
Suction port	1" IT BSP	1" IT BSP	1" IT BSP
Drum screw thread	2" BSP	2" BSP	2" BSP
Compressed air connection	¼" IT	¼" IT	¼" IT
Spout	Dispens. nozzle (EO/TO)	Dispens. nozzle (EO/TO)	Dispens. nozzle (EO/TO)
Supply voltage	-	-	-
Ambient temperature	0°C to +40°C	0°C to +40°C	0°C to +40°C
Dimensions (mm), W x H x D	approx. 130 x 1.300 x 130	approx. 130 x 1.300 x 130	approx. 130 x 1.300 x 130
Weight	approx. 4,9 kg	approx. 4,9 kg	approx. 6,9 kg
Item number	121 421 400	121 423 400	121 425 400



	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>
	TecPump DP 16 stand.	TecPump DP 36 stand.	TecPump DP 56 stand.
Pump capacity	max. 16 l/min.	max. 13 l/min.	max. 15 l/min.
Viscosity range	max. 5.000 mPa·s	max. 5.000 mPa·s	max. 5.000 mPa·s
Air consumption	300 l/min.	300 l/min.	420 l/min.
Transmission ratio	1:1	3:1	5:1
Suction port	1" IT BSP	1" IT BSP	1" IT BSP
Drum screw thread	2" BSP	2" BSP	2" BSP
Compressed air connection	¼" IT	¼" IT	¼" IT
Spout	FMOG (HDZ for EO/TO)	FMOG (HDZ for EO/TO)	FMOG (HDZ for EO/TO)
Supply voltage	-	-	-
Ambient temperature	0°C to +40°C	0°C to +40°C	0°C to +40°C
Dimensions (mm), W x H x D	approx. 130 x 1.300 x 130	approx. 130 x 1.300 x 130	approx. 130 x 1.300 x 130
Weight	approx. 4,9 kg	approx. 4,9 kg	approx. 6,9 kg
Item number	121 421 500	121 423 500	121 425 500



	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>	<div><div>0</div><div>PNEUMATIC PUMP SET</div></div>
	TecPump DP 36 pro	TecPump DP 56 pro
Pump capacity	max. 13 l/min.	max. 15 l/min.
Viscosity range	max. 5.000 mPa·s	max. 5.000 mPa·s
Air consumption	300 l/min.	420 l/min.
Transmission ratio	3:1	5:1
Suction port	1" IT BSP	1" IT BSP
Drum screw thread	2" BSP	2" BSP
Compressed air connection	¼" IT	¼" IT
Spout	FMOG (HDZ for EO/TO)	FMOG (HDZ for EO/TO)
Supply voltage	-	-
Ambient temperature	0°C to +40°C	0°C to +40°C
Dimensions (mm), W x H x D	approx. 130 x 600 x 130	approx. 130 x 600 x 130
Weight	approx. 3,9 kg	approx. 4,9 kg
Item number	121 423 600	121 425 600

Double diaphragm pump

Pneumatic pump

Dirt-resistant and low-maintenance pump with high pump capacity for workshops and industrial settings.

D O O R

Our double diaphragm pumps are primarily used as feed pumps or suction pumps in the workshop, where fast and precise delivery is the priority.

Depending on the viscosity and system design, the double diaphragm pump achieves a delivery pressure of up to 5 bar and a pump capacity of up to 40 l/min.

The pump comes fully pre-assembled and ready for use – The set includes a wall bracket, a pressure regulator incl. filter with dirt trap, pressure gauge, shut-off valve and a compressed air connector with plug-in spigot (DN 7.2). The time-controlled pumps also have a time relay with illuminated pushbutton.

ADVANTAGES

High pump capacity

Low-wear and robust

Low susceptibility to dirt

Low noise emissions

Pressure regulator incl. filter with dirt trap, pressure gauge, shut-off valve



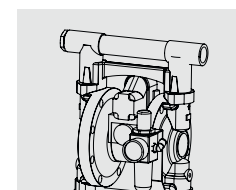
Fully pre-assembled and ready for use – with robust components and reliable safety technology!

Dirt-resistant workshop favorite



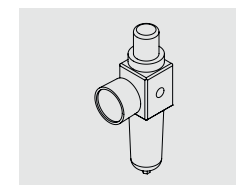
Double diaphragm pump

Heavy-duty double diaphragm pump for closed media transport.



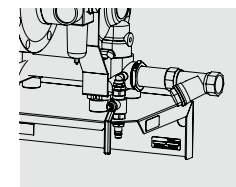
Pressure regulator incl. filter

For pressure regulation with integrated filter (dirt particle size up to max. 3 mm).



Shut-off valve

Included by default in scope of delivery for easy pressure regulation.



TECALEMIT offers a range of pumps to fit your individual requirements!

Do you work in industry or run a workshop and require a reliable extraction unit, e.g. for the extraction of used oil from car engines, which can pump a large quantity in a short time?

Our double diaphragm pumps are flexible and offer solutions in the commercial sector for your special needs and requirements for refueling – completely pre-assembled and ready for use with wall bracket, pressure regulator incl. filter and compressed air connection.

You require a pneumatic pump that impresses with a high transmission ratio and is to be used on drums for delivering very small quantities? If so, you'll want to find out more about our pneumatically operated TecPump DP X6!

And for customers who require a hand pump or an electric pump, we also have different models to suit various scenarios in this brochure.



O O O R
PNEUMATIC PUMP

	Diaphragm pump 20 l
Pump capacity	max. 20 l/min.
Viscosity range	max. 2.000 mPa·s
Air consumption	400 l/min.
Transmission ratio	1:1
Suction port	½" IT
Drum screw thread	-
Compressed air connection	¾" IT
Spout	-
Supply voltage	-
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 360 x 375 x 305
Weight	approx. 11 kg
Item number	015 433 215



O O O R
PNEUMATIC PUMP

	Diaphragm pump 40 l
Pump capacity	max. 40 l/min.
Viscosity range	max. 2.000 mPa·s
Air consumption	1.200 l/min.
Transmission ratio	1:1
Suction port	1" IT
Drum screw thread	-
Compressed air connection	¾" IT
Spout	-
Supply voltage	-
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 450 x 440 x 305
Weight	approx. 16 kg
Item number	015 433 015



With vacuum control
O O O R
PNEUMATIC PUMP SET

	Extraction unit, 20 l
Pump capacity	max. 20 l/min.
Viscosity range	max. 2.000 mPa·s
Air consumption	400 l/min.
Transmission ratio	1:1
Suction port	½" IT
Drum screw thread	-
Compressed air connection	¾" IT
Spout	-
Supply voltage	230 V / 50 Hz (relay)
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 400 x 450 x 305
Weight	approx. 12 kg
Item number	015 433 225



With vacuum control
O O O R
PNEUMATIC PUMP SET

	Extraction unit, 40 l
Pump capacity	max. 40 l/min.
Viscosity range	max. 2.000 mPa·s
Air consumption	1.200 l/min.
Transmission ratio	1:1
Suction port	1" IT
Drum screw thread	-
Compressed air connection	¾" IT
Spout	-
Supply voltage	230 V / 50 Hz (relay)
Ambient temperature	0°C to +40°C
Dimensions (mm), W x H x D	approx. 535 x 450 x 305
Weight	approx. 17 kg
Item number	015 433 025

TECALEMIT

GO WITH
THE FLOW

We are glad to help with all projects, whether big or small, and offer solutions for your constantly changing requirements and needs in agriculture and workshop technology.

Accessories

For pneumatic pumps



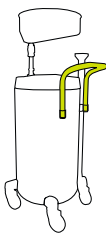
You will find a selection of accessories on www.tecalemit.de under Product Overview > Pumps > Accessories for Pumps



HOSES AND LINES

Do you require a longer dispensing hose or would like to add a spare hose to your order? Choose from our comprehensive range of products!

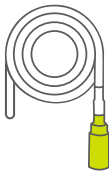
Item number	Item description	Compatible with...
029 030 306	Compressed air connection hose	TecPump DP X6
029 056 461	Drum suction line 90 cm	TecPump DP X6
029 056 471	Tank suction line 1.800 mm	TecPump DP X6
029 063 006	Compressed air hose 0,6 m, G ½"	TecPump DP X6
029 063 010	Compressed air hose 1,0 m, G ½"	TecPump DP X6
029 063 020	Compressed air hose 2,0 m, G ½"	TecPump DP X6
029 063 040	Compressed air hose 4,0 m, G ½"	TecPump DP X6
029 063 100	Compressed air hose 10,0 m, G ½"	TecPump DP X6
013 496 001	Hose reel, 10 m	TecPump DP X6
013 496 005	Hose reel, 15 m	TecPump DP X6
029 056 541	Suction hose 4,5 m, DN 32	Double diaphragm pump
029 056 542	Suction hose 2,0 m, DN 32	Double diaphragm pump
029 056 361	Dispensing hose 4,5 m, DN 32	Double diaphragm pump
029 056 451	Drum suction line 100 cm, G ¾"	Double diaphragm pump
029 060 412	Hose 1,6 m, G ½", DN 16	Double diaphragm pump
029 060 422	Hose 2,25 m, G ½", DN 16	Double diaphragm pump
029 060 432	Hose 3,15 m, G ½", DN 16	Double diaphragm pump
029 060 442	Hose 4,50 m, G ½", DN 16	Double diaphragm pump
029 060 462	Hose 6,3 m, G ½", DN 16	Double diaphragm pump
026 090 511	Flex pipe, 50 cm, DN 20	Double diaphragm pump
399 109 300	Hose reel, 20 m, DN 19	Double diaphragm pump



MASTERDRAINER

The professional used oil collection unit "MasterDrainer" with height-adjustable collection tray

Item number	Item description	Compatible with...
043 711 283	Extraction adapter (f. MasterDrainer)	Double diaphragm pump
043 549 452	Tank filling connector	Double diaphragm pump
027 184 402	Quick coupling G ¾"	Double diaphragm pump
013 854 380	MasterDrainer 80 Classic	Double diaphragm pump
013 854 680	MasterDrainer 80 (extractable)	Double diaphragm pump
013 854 880	MasterDrainer 80 Kombi	Double diaphragm pump
043 711 284	Extraction adapter, tulip ¾" IT	Double diaphragm pump



PROBES

Our suction probes are available in different diameters and lengths – choose your personal suction probe!

Item number	Item description	Compatible with...
027 027 551	Suction probe DN 28, 80 cm	Double diaphragm pump
027 027 600	Suction probe Ø 8,2 mm, 100 cm	Double diaphragm pump
027 027 610	Suction probe Ø 5,4 mm, 94 cm	Double diaphragm pump
027 027 620	Suction probe Ø 8,0 mm, 95 cm	Double diaphragm pump
027 027 630	Suction probe Ø 5,4 mm, 120 cm	Double diaphragm pump
027 027 011	Suction probe Ø 5 mm, 64,5 cm	Double diaphragm pump
027 027 021	Suction probe Ø 6 mm, 64,5 cm	Double diaphragm pump
027 027 061	Suction probe Ø 5,4 mm, 120 cm	Double diaphragm pump
027 027 072	Suction probe Ø 8 mm, 70 cm	Double diaphragm pump
027 027 081	Suction probe Ø 8 mm, 120 cm	Double diaphragm pump
027 027 421	Suction probe Ø 6 mm, 66 cm	Double diaphragm pump
027 027 411	Suction probe Ø 7,5 mm, 66 cm	Double diaphragm pump
027 027 431	Suction probe Ø 5,4 mm, 95 cm	Double diaphragm pump
027 027 141	Suction probe Ø 5,4 mm, 95 cm MCC	Double diaphragm pump



OTHER ACCESSORIES

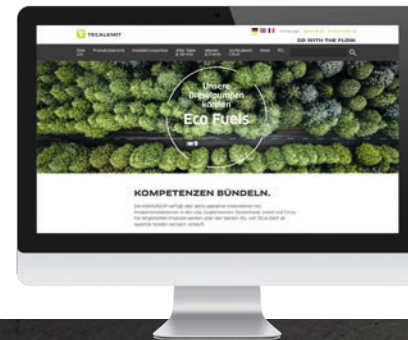
Whether it's a practical wall-mounted hose holder or a pressure regulator: We have what you're looking for and are glad to help you find various additional accessories!

Item number	Item description	Compatible with...
AA7102	Compressed air nipple DN 7,2 ¼"	TecPump DP X6
027 110 152	Pressure regulator ¼" + gauge	TecPump DP X6
043 332 400	Wall bracket incl. screws	TecPump DP X6
043 508 480	Drum screw connection	TecPump DP X6
405 500 800	Ball valve ½"	TecPump DP X6
027 240 532	Spigot ½", for engine oil	TecPump DP X6
027 240 552	Spigot ½", for transmission oil	TecPump DP X6
043 561 011	Drip oil pan	Double diaphragm pump, TecPump DP X6
041 719 421	Extraction adapter DN 20, G ¾"	Double diaphragm pump
020 202 881	Pump shut-off, time-controlled	Double diaphragm pump
027 270 011	Extraction fittings, cpl.	Double diaphragm pump
027 270 501	Extraction fittings, Mercedes G ½"	Double diaphragm pump
027 028 011	MB/VAG-Adapter	Double diaphragm pump
043 526 801	Drip tray f. remote oiling apparatus	Double diaphragm pump
027 133 582	Ball valve ¾"	Double diaphragm pump
027 095 102	Wall-mounted probe holder	Double diaphragm pump
043 711 282	Connection elbow	Double diaphragm pump
043 332 351	Wall-mounted hose holder	Double diaphragm pump

ABCs of pump technology

Key terms, explained simply

What is “legal calibratability“ and what does “viscosity“ actually mean? Find out in our ABCs of pump technology!



WWW.TECALEMIT.DE/EN

“Have you visited our comprehensive website at www.tecalemit.de/en? It answers frequently asked questions and explains common terms – do drop by, we look forward to seeing you there!”

John Hofmann

After Sales Service



MAXIMUM SUCTION HEAD

The maximum suction head specifies the maximum permissible height difference between the pump and the level of the liquid in the receptacle from which the pump is drawing the fluid. This value is to be taken into account for the positioning of the pump.



SUCTION PORT

The suction line or suction pipe is connected to the suction port of the pump. It is usually an imperial internal thread or hose nozzle. It is important to use the appropriate suction line, otherwise the pump will not supply the desired pump capacity.



COMPRESSED AIR CONNECTION

For pneumatically operated pumps, a connection to a compressed air supply is required. The size of the compressed air connection is usually specified in inches. Ensure correct dimensioning and sufficient air pressure so that the pump supplies the desired pump capacity.



PROTECTION CLASS

The IP protection class indicates the suitability of electrical equipment for various environmental conditions. The first digit indicates the level of protection against foreign bodies and contact, and the second digit against water. A pump with protection class IP54, for example, is fully protected against contact as well as against splashing water on all sides.



PUMP CAPACITY

The pump capacity of a pump describes the throughput in liters/minute. A maximum value is usually specified here, as the value actually achieved depends heavily on external influencing factors, such as the length and cross-section of the line, viscosity of the medium, and other variables. For hand pumps, the delivery rate is specified in liters per stroke.



VISCOSITY

Viscosity is a measure of how thick a fluid is. The higher the viscosity, the thicker the fluid (flows less); the lower the viscosity, the thinner it is (flows more). Because our oil pumps convey a wide range of different oils, the suitable viscosities are also indicated for the pump.



LEGAL CALIBRATABILITY

Legal calibration (Eichung) is a legally prescribed test of measures, weights, scales and measuring tools in accordance with the German Weights and Measures Act. A measuring instrument that is legally calibratable can be calibrated in accordance with the German Measurement and Calibration Act (MessEG) and provides legally reliable results for the duration of the respective calibration period (usually two years).



TRANSMISSION RATIO

The transmission ratio of an air pump indicates how the input pressure of the air supply is boosted to convey the fluid. For example, an input pressure of 6 bar for a pump with a transmission ratio of 3:1 results in a delivery pressure of approx. 18 bar.

T TECALEMIT

GO WITH THE FLOW

**Whether it's an oil change or tank extraction:
In the workshop, you won't get far without
professional equipment and know-how.
Trust in our turnkey service – contact us now!**

Seminars & workshops

Tailored to you and your employees – in-house or online

We offer workshops and seminars on our pumps and pump sets – feel free to contact us!

Is my pump suitable for my existing system? How do I operate and maintain my pumps correctly? Find out the answer to these questions and more – in our company seminars!

Get to know selected TECALEMIT products together with us, understand their applications and possible uses, and integrate what you have learned into your day-to-day work.

These courses provide you with comprehensive insight into the chosen subject area. You will receive sound background knowledge in combination with practical exercises.

ADVANTAGES

- Questions can be clarified immediately**
- Team is trained together**
- Use all product features**
- Prevents incorrect use of the devices**
- Practical exercises directly on the device**
- Background info on product**

Register with:



Finn-Birger Petersen
After Sales Service

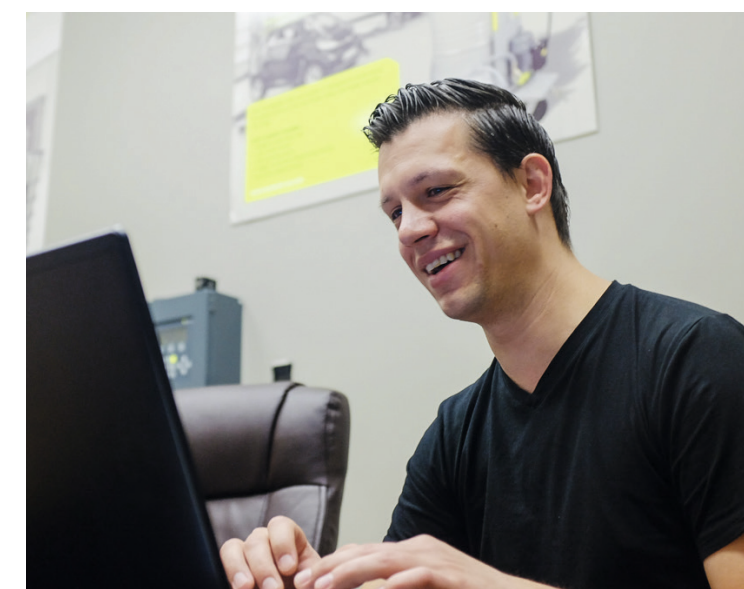
+49 461 8696-115

finn-birger.petersen@tecalem.it.de



We're on YouTube!

Did you know we have a YouTube channel called "TECALEMIT Germany"? It contains many practical installation videos for our products – watch them now!



One for all, all for one!

We'd be glad to help



We are here for you!

You've now read everything, but still have unanswered questions or were unable to find a suitable solution?

No problem – our sales hotline is there for you from Monday to Friday and glad to help you with all matters related to the purchase of TECALEMIT products. You can also simply send an email to one of our sales staff or directly to export@tecalemite.de – We will get back to you as soon as possible.

You already have a TECALEMIT product and require a replacement part or have questions regarding its operation?

If so, please call our service hotline. Colleagues who have been with us for years will be glad to help you – not staff from an outsourced service center!



Thomas Schmid

Thomas Schmid

Export Sales Manager
thomas.schmid@tecalemite.de

Sales

Sales Hotline
+49 461 8696-193

Mon. - Thu. 8 am - 5 pm
Fri. 8 am - 3 pm

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Service

Service Hotline
+49 1805 900-301

Mon. - Thu. 8 am - 5 pm
Fri. 8 am - 3 pm

service@tecalemite.de

Callback service:
www.tecalemite.de/en/contact

Our team for the European market!
We are here to support you!



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GO WITH THE FLOW.



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