

Professional Technology

Diesel, Bio-Diesel (RME) or Vegetable Oil



Diesel, bio-diesel (RME) or vegetable oil. Refuel with us!

As the agricultural and construction machines are growing bigger and their tanks accordingly, you of course have a need for electric pumps with an adequate output.

This is why our electric pumps „Dieselmatic®“ mini, „Dieselmatic®“ 40, „Dieselmatic®“ plus and „Dieselmatic®“ plus 70 pump with a flow rate between 40l and 70l **diesel** per minute help you to reduce the time for refuelling, allowing you more working hours. Almost all of our „Dieselmatic®“ pumps are equipped with automatic delivery pistols which shut off automatically when the tank is full.

Our electric pumps are self-priming, i.e. they do not need to be prefilled.

Design and configuration meet your professional requirements: oil-proof electric cable, foot valve and strainer, protection against self-emptying of your diesel container, professional hose end fittings, conically sealing fittings, diesel proof hoses, integrated by-pass, support for automatic delivery pistol and - last but not least – easy mounting.

However, you are not only using the classical diesel to refuel your vehicles but more and more **biological diesel** as well, which is (still) less expensive and does less pollute the environment. However, bio-diesel is towards certain materials much more aggressive than regular diesel. Therefore, we use for this application of our electric pumps hoses and seals which are bio-diesel resistant to protect you from unpleasant surprises like leaking hoses.

Operating your vehicles with **vegetable oil** – environmentally sound and cost saving!
A very appealing concept which finds more and more support especially in agriculture. Quite understandable of course. You cultivate your own rapeseed, get it pressed and filtered and use it as fuel in your tractor. In the meantime, a standard for vegetable oil has become established defining the degree of purity to make it suitable for diesel engines.

However, when refuelling with vegetable oil you cannot use the electric pumps for regular diesel.

Why?

At cold temperatures vegetable oil is changing its viscosity much faster than diesel and this effect makes it very difficult for electric vane pumps to prime. In addition to that, the conventional automatic delivery pistols do not shut-off either when used with vegetable oil.

How did we solve the problem?

Our electric impeller pumps „Pumpmatic“ maxi do the job with an output of 50l per minute (free discharge). If you need a higher output per minute or if you have to pump vegetable oil at cold temperatures, we recommend using our electric gear pumps Pumpmatic EZP 2.0 which give you up to 70l per minute.

For both pumps we have developed a shut-off valve with an electronically controlled sensor which stops the pump automatically when the tank is full.

Professional electric pumps for diesel fuel and bio-diesel (RME)

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„Dieselmatic®“ 12 V or 24 V

- self-priming electric pump without pre-filling, with by-pass for diesel fuel, heating oil and biological diesel fuel (special type RME)
- specially designed for on-site refilling of agricultural and construction vehicles or machinery
- 4m delivery hose, nom. diam. 25, 1" BSP
- 1,5m suction hose with foot strainer, nom. diam. 25, 1" BSP
- 12 V or 24 V with 1,5m connecting cable and alligator clips
- 16 A, IP 55, engine power 0,14 kW
- output 40l/ min with free discharge

- 09 723** „Dieselmatic®“ 12 V, type E, with metal delivery pistol, 1" BSP
09 722 „Dieselmatic®“ 12 V, type S, with automatic delivery pistol AP 80, 1" BSP
09 865 „Dieselmatic®“ 24 V, type E, with metal delivery pistol, 1" BSP
09 866 „Dieselmatic®“ 24 V, type S, with automatic delivery pistol AP 80, 1" BSP (as ill., without digital flow meter)
40 200 Digital flow meter for „Dieselmatic®“ mini

261,60
388,50
261,60
388,50
139,50



„Dieselmatic®“ 40

- self-priming electric pump without pre-filling for diesel fuel and heating oil
- 2" BSP connector for barrels and tanks, illuminated on/off switch
- 2m delivery hose, nom. diam. 19, 3/4" BSP
- delivery pistol made of plastic or automatic delivery pistol
- 1,5m suction hose, nom. diam. 19, 3/4" BSP with foot strainer
- connecting cable with plug, ready for use
- 230 V, 50 Hz, 0,22 kW
- output approx. 35l/ min with free discharge

- 81 891** „Dieselmatic®“ 40 type E, with metal delivery pistol, 3/4" BSP
40 159 „Dieselmatic®“ 40 type S, with automatic delivery pistol, 3/4" BSP

149,50
198,00



„Dieselmatic®“ plus

- self-priming electric pump without pre-filling, with by-pass for a fast filling with diesel fuel, heating oil and biological diesel fuel (special type RME)
- built in: safety lifting valve, 2" BSP connector for barrels and tanks, illuminated on/off switch
- 4m delivery hose, nom. diam. 19, 3/4" BSP, with professional hose end fittings
- delivery pistol support AP 60 for type S
- 1,6m suction hose, nom. diam. 25, 1" BSP, with foot valve and strainer
- 3m oilproof connecting cable with plug, ready for use
- 230 V, 50 Hz, 2,2 A, IP 55, engine power 0,37 kW
- output approx. 60l/ min with free discharge

- 40 545** „Dieselmatic®“ type S, with automatic delivery pistol AP 60, 3/4" BSP
40 547 „Dieselmatic®“ type S RME
40 818 „Dieselmatic®“ plus type S with digital flow meter
40 813 Digital flow meter for „Dieselmatic®“ plus

333,00
350,00
470,00
139,50



40 815



„Dieselmatic®“ plus 70

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- self-priming electric pump without pre-filling, with by-pass for a fast filling with diesel fuel and heating oil
- built in: safety lifting valve
- 2" BSP connector for barrels and tanks
- illuminated on/off switch
- 4m delivery hose, nom. diam. 25, 1" BSP, with professional hose end fittings
- automatic delivery pistol AP 90, 1" BSP, delivery pistol support AP (approved by PTB)
- 1,6m suction hose, nom. diam. 25, 1" BSP, with foot valve and strainer
- 3m oilproof connecting cable with plug, ready for use
- 230 V, 50 Hz, 2,2 A, IP 55, engine power 0,55 kW
- output approx. 75l/ min with free discharge

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|------------------------------------------------------------------|---------------|
| 40 831 „Dieselmatic®“ plus 70 type S without flow meter | 395,00 |
| 40 815 „Dieselmatic®“ plus 70 type S with digital flow meter | 534,00 |
| 40 816 „Dieselmatic®“ plus 70 type S with digital flow meter RME | 598,00 |
| 40 813 Digital flow meter for „Dieselmatic®“ plus 70 | 139,50 |

81 785



„Dieselmatic®“ W Econo plus

- self-priming electric pump with by-pass, the economic version for the fast filling with diesel fuel, heating oil and biological diesel fuel (special type RME)
- assembled on metal plate for wall or tank mounting
- illuminated on/off switch
- 4m delivery hose, nom. diam. 19, 3/4" BSP with professional hose end fittings
- delivery pistol support
- connecting cable with plug, ready for use
- 230 V, 50 Hz, 4,8 A, IP 44, engine power 0,37 kW
- output approx. 50l/ min with free discharge
- 2 hose coupling nozzles diam. nom. 25
- 2 hose clamps
- 1 foot valve for suction hose (suction hose not included, see accessories, please indicate requested hose length when ordering)

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|--------------------------------------------------------------------------|---------------|
| 81 783 „Dieselmatic®“ W Econo plus type E with metal delivery pistol | 270,00 |
| 81 785 „Dieselmatic®“ W Econo plus type S with automatic delivery pistol | 310,00 |

Accessories:

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|--------------------------------------------------------------------------------|---------------|
| 40 857 Digital flow meter, resettable, display of flow rate and total delivery | 139,50 |
| 81 223 Suction hose nom. diam. 25, 1" BSP, per m | 13,90 |

„Pumpmatic“ maxi

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40 819

- strong 0,75 kW electric motor for long distance pumping
- suitable for multi-suction with two or more tanks
- very low noise level
- self-priming electric impeller wheel pump for the fast filling with diesel fuel, heating oil, biological diesel fuel (special type RME) and antifreeze concentrate
- 4m delivery hose, nom. diam. 19, 3/4" BSP with professional hose end fittings
- safety lifting valve, leakproof, no recirculation into the tank required (surcharge 41,40€)
- delivery pistol support
- 1,6m suction hose with foot valve and strainer, nom. diam. 25, 1" BSP
- suction connection 2" BSP
- 3 m oilproof connecting cable with plug, ready for use
- built-in illuminated on/off switch
- 230 V, 50 Hz, 4,8 A, IP 44, engine power 0,75 kW
- output approx. 50l/ min with free discharge

- 09 720** „Pumpmatic“ maxi type E with metal delivery pistol, 3/4" BSP
- 09 721** „Pumpmatic“ maxi type S with automatic delivery pistol AP 60, 3/4" BSP
- 09 731** „Pumpmatic“ maxi type E RME
- 09 735** „Pumpmatic“ maxi type S RME
- 40 819** „Pumpmatic“ maxi type S with digital flow meter
- 40 035** Digital flow meter for „Pumpmatic“ maxi

451,60

515,40

554,00

621,00

650,00

139,50



09 720



Professional electric pumps for vegetable oil

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„Pumpmatic“ maxi
Electric impeller wheel pump for vegetable oil

- output approx. 50l/ min with free discharge
- for filling of passenger cars and commercial vehicles
- 4m delivery hose, nom. diam. 19, 3/4" BSP with professional hose end fittings
- 1,6m suction hose with foot valve and strainer, nom. diam. 25, 1" BSP
- suction connection 2" BSP
- delivery pistol support
- 3m oilproof connecting cable with plug, ready for use
- built-in illuminated on/ off switch
- 230 V, 50 Hz, 4,8 A, IP 44, engine power 0,75 kW

09 720 „Pumpmatic“ maxi type E

- with metal delivery pistol without automatic shut-off

442,30

366 725



40 506 „Pumpmatic“ maxi type E-P

- unit as above described, mounted in pump cabinet, with 2m connecting hose to tank

730,80

40 014 „Pumpmatic“ maxi type APE

- unit as above described, but with professional delivery pistol with automatic shut-off

924,30

40 507 „Pumpmatic“ maxi type APE-P

- unit as above described, mounted in pump cabinet, with 2m connecting hose to tank

1.212,80

366 725 Electronic flow meter for assembly AZ 50 (5l - 50l)

297,50

40 691



„Pumpmatic“ EZP 2.0
Electric gear pump for vegetable oil

- output approx. 70l/ min with free discharge
- for filling of commercial vehicles only
- 8m delivery hose, nom. diam. 25, 1" BSP with professional hose end fittings
- 1,6m suction hose with foot valve and strainer, nom. diam. 25, 1" BSP
- illuminated on/off switch
- 400 V, 50 Hz, 3,6 A, IP 54, engine power 1,5 kW

40 691 „Pumpmatic“ EZP 2.0 type E

- with metal delivery pistol without automatic shut-off

1.793,30

40 492 „Pumpmatic“ EZP 2.0 type APE

- unit as above described, but with professional delivery pistol with automatic shut-off

2.247,30

366 726



366 726 Electronic flow meter for assembly AZ 100 (9,5l - 100l)

369,00

Accessories and spare parts

| | „Dieselmatic®“ mini 12 V | „Dieselmatic®“ mini 24 V | „Dieselmatic®“ plus | „Pumpmatic“ maxi |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|------------------------|---------------------|
| 40 009 Metal delivery pistol, 3/4" BSP | - | - | 26,40 | 26,40 |
| 40 010 Metal delivery pistol, 1" BSP | 26,40 | 26,40 | - | - |
| 40 011 Automatic delivery pistol AP 60, 3/4" BSP | - | - | 89,70 | 89,70 |
| 80 396 Automatic delivery pistol AP 80, 1" BSP | 154,50 | 154,50 | - | - |
| 40 559 Swivel DG 3/4" BSP for AP 60 | - | - | 16,70 | 16,70 |
| 80 031 Swivel DG 1" BSP for AP 80 | 22,10 | 22,10 | - | - |
| 680 300 Digital flow meter 3/4" BSP, resettable, display of flow rate and total delivery | 139,50 | 139,50 | 139,50 | 139,50 |
| 40 015 Electronic flow meter 3/4" BSP, resettable, suitable for RME, display of flow rate and total delivery, with shock protection | - | - | 139,50 | 139,50 |
| 40 038 Electronic flow meter 1" BSP, resettable, suitable for RME, diaply of flow rate and total delivery | 390,40 | 390,40 | - | - |
| 40 017 4m delivery hose, nom. diam. 19, 3/4" BSP surcharge per m delivery hose nom. diam. 19 | - | - | 51,30 8,60 | 51,30 8,60 |
| 40 019 4m delivery hose, nom. diam. 25, with hose spouts and clamps surcharge per m delivery hose nom. diam. 25 | 66,30 14,00 | 66,30 14,00 | - | - |
| 40 571 Safety lifting valve | - | - | - | 41,40 |
| 40 021 1,6m suction hose, nom. diam. 25, 1" BSP, with foot valve | - | - | 31,30 | 31,30 |
| 40 022 1,6m suction hose, nom. diam. 25, with foot strainer, hose spouts and clamps | 31,30 | 31,30 | - | - |
| 80 632 Foot valve with strainer 1" BSP | - | - | 7,00 | 7,00 |
| 80 530 Foot strainer, nom. diam. 25 | 3,30 | 3,30 | - | - |

40 009



40 011



680 300



40 015



40 038



40 017



80 632



40 602

80 118

40 030

40 595

80 945

Accessories and spare parts

| | „Dieselmatic®“ mini 12 V | „Dieselmatic®“ mini 24 V | „Dieselmatic®“ plus | „Pumpmatic“ maxi |
|--------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|------------------------|---------------------|
| 81 696 2" BSP - adaptor for barrels and tanks | - | - | 21,40 | 21,40 |
| 40 602 Suction connection for „Dieselmatic®“ plus | - | - | 32,90 | - |
| 40 029 Suction connection for „Pumpmatic“ maxi 2" BSP | - | - | - | 55,80 |
| 80 118 Suction connection 2" BSP and M64x4 | - | - | 18,40 | 18,40 |
| 40 030 Wall mounting bracket EP with assembly set for tanks | - | - | 101,80 | 101,80 |
| 40 595 Delivery pistol support AP 60 | - | - | 32,30 | 32,30 |
| 40 550 Automatic on/off switch as retrofit kit for delivery pistol support AP 60 | - | - | 50,40 | 50,40 |
| 360 127 Delivery pistol support with drip cup | 61,60 | 61,60 | 61,60 | 61,60 |
| 80 543 Pump cabinet without pump | 236,50 | 236,50 | 236,50 | 236,50 |
| 80 945 Level indicator, compliant with German Water Resources Act | 54,60 | 54,60 | 54,60 | 54,60 |