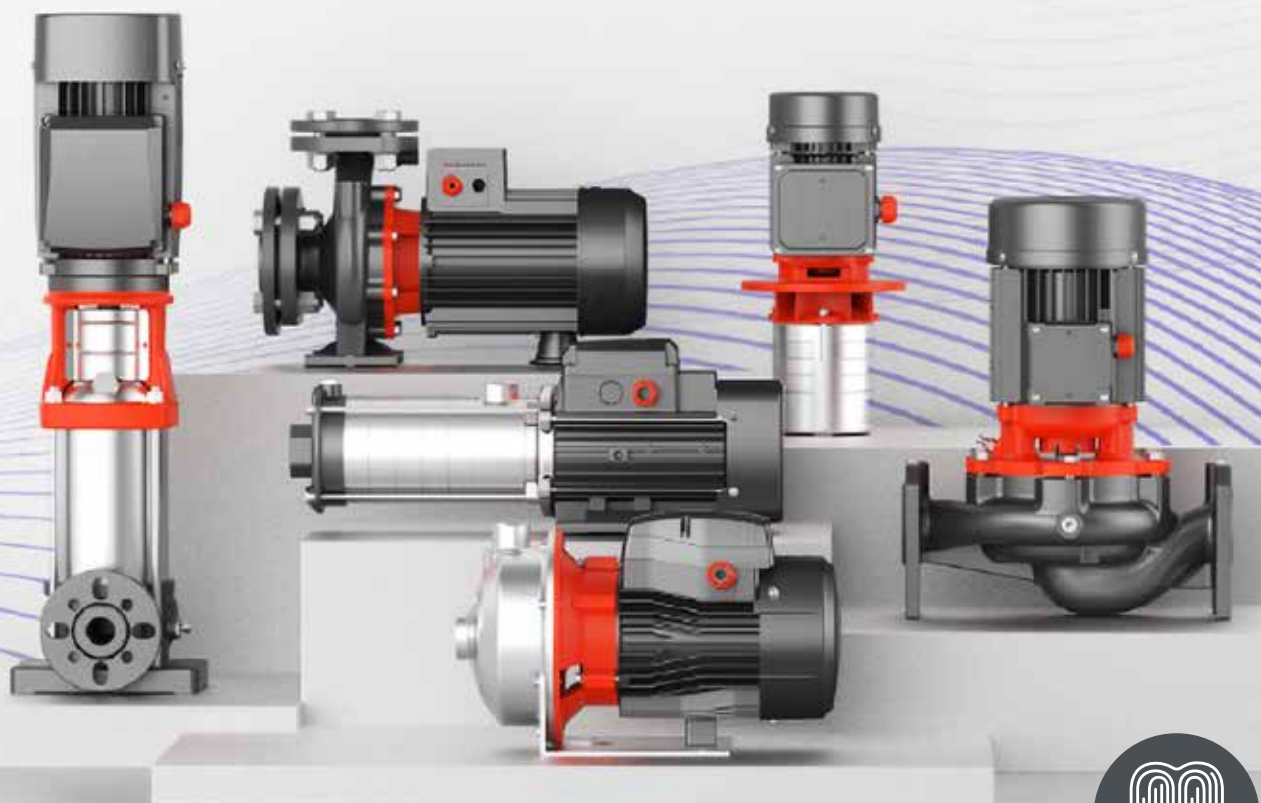




LEO EUROPE
a Water Is Life Group brand

PRODUCT BROCHURE

INTELLIGENT FLOW FOR GOOD



SELF PRIMING JETPUMPS

cast iron - multistage cast iron - stainless steel - multistage silent

The LEO self-priming pumps can be used to transfer clean water or other liquids similar to water. Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, supporting equipment, etc...

Domestic series available as complete booster set with hydrophore tank or pumpcontroller.

PUMP	MOTOR
Cast iron pump body	C&U bearing
or SS-AISI/304 pump body	Motor with copper winding
Special anti-rust treatment	Built-in thermal protector
Stainless steel and thermoplastic impellers	for single phase motor
AISI 304 shaft	Insulation class F
Max. liquid temperature +40°C	Protection class IPX4
Max. suction +9 m	Max. ambient temperature +40°C



JET PUMP CAST IRON

(single phase)

- Jetpump with SS-AISI/304 impeller
- Power: 0,3 kW/230V - 1,5 kW/230V
- Max. volume: 2,1 m³/h - 8,4 m³/h
- Max. height: 35 m - 65 m
- In-/outlet connection: 1" (1.1/4") - 1"

AJm30 - AJm45
AJm60 - AJm-75
AJm90 - AJm110
AJm150



JET PUMP CAST IRON

(three phase)

- Jetpump with SS-AISI/304 impeller
- Power: 1,1 kW/400V - 2,2 kW/400V
- Max. volume: 4,8 m³/h - 8,4 m³/h
- Max. height: 55 m til 60 m

AJ110 - AJ220
AJ150



JET PUMP STAINLESS STEEL

- Silent 0,3 kW/230V - 0,9 kW/230V
- Max. volume: 2,4 m³/h - 3,6 m³/h
- Max. height: 30 m til 48 m
- In- and outlet connection: 1" - 1"

AJm30S - AJm45S
AJm60S - AJm75S
AJm90S



STAINLESS STEEL GARDEN JET PUMP

- Garden jetpump with SS-AISI/304 impeller
- Power: 0,9 kW/230V
- Max. volume: 3,6 m³/h
- Max. height: 43 m
- In- and outlet connection: 1" - 1"
- With on/off switch 1.5 m cable

XKJ904S

SELF PRIMING JETPUMPS

cast iron - multistage cast iron - stainless steel - multistage silent



MULTISTAGE CAST IRON PUMPS

- Silent pump with thermoplastic impellers
- Power: 0,6 kW - 0,75 kW/230V
- Max. volume: 4,2 m³/h - 5,4 m³/h
- Max. height: 35 m - 46,5 m
- In- and outlet connection: 1" - 1"

3ACm60 - 4ACm75



MULTISTAGE STAINLESS STEEL

- Silent pump with 4 thermoplastic impellers
- 0,6 kW/230V - 0,9 kW/230V
- Max. volume: 4,8 m³/h - 5 m³/h
- Max. height: 34 m - 56,5 m
- In- and outlet connection: 1" - 1"

**3XCm 120C - 4XCm 120C
5XCm 120C**



MULTISTAGE STAINLESS STEEL

- Silent pump with 4 or 5 thermoplastic impellers
- Power: 0,75 kW/230V - 0,9 kW/230V
- Max. volume: 5,4 m³/h - 6 m³/h
- Max. height: 45 m - 55 m
- In- and outlet connection: 1" - 1"

4ACSm100S - 5ACSm100S



MULTISTAGE SILENT

- Silent pump with body in ABS - SS- AISI/304 impeller
- Power: 0,75 kW/230V - 0,9 kW/230V
- Max. volume: 5,4 m³/h
- Max. height: 35 m - 60 m
- In- and outlet connection: 1" - 1"

**3XCM/129PS(E)
4XCM/129PS(E)
5XCM/129PS(E)**



CENTRIFUGAL PUMPS

star-impeller peripheral- single impeller - double impeller - cast iron



Centrifugal pumps for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water and supporting equipment etc.

PUMP	MOTOR
Cast iron & RSV pump body's	C&U bearing
Special anti-rust treatment	Motor with copper winding
AISI 304 shaft	Built-in thermal protector for
Max. liquid temperature +40°C	single phase motor
Max. suction + 8 m	Insulation class F
	Protection class IPX4
	Max. ambient temperature +40°C
	(three phase, power ≥ 0,75 kW)

PERIPHERAL PUMP

- Power: 0,25 kW/230V - 0,75 kW/230V
- Max. volume: 2,1 m³/h - 3 m³/h
- Max. height: 40 m - 75 m
- Brass star-impeller

APm37 - APm75



SINGLE IMPELLER CENTRIFUGAL

(medium flow)

- Power: 0,6 kW/230V - 7,5 kW/400V
- Max. volume: 54 m³/h
- Max. height: 56,5 m

ACm25 - AC750C4



SINGLE IMPELLER CENTRIFUGAL

(high flow)

- Power: 0,6 kW/230V - 7,5 kW/400V
- Max. volume: 11,4 m³/h - 71 m³/h
- Max. height: 17,5 m - 52,5 m

ACm60B2



DOUBLE IMPELLER

- Power: 0,75 kW/230V - 4,1 kW/400V
- Max. volume: 4,8 m³/h - 15 m³/h
- Max. height: 45 m - 82 m

2ACm75 - 2AC400H



OPEN IMPELLER

- Power: 0,37 kW/230V/380V - 3 kW/230V/400V
- Max. volume: 6 m³/h - 66 m³/h
- Max. height: 11,6 m - 7,5 m

ABK50(D) - ABK400(D)



SINGLE IMPELLER

- Power: 0,37 kW/230V/380V - 1,5 kW/230V/400V
- Max. volume: 4,8 m³/h - 9,6 m³/h
- Max. height: 20,9 m - 30,2 m

AMS(m)120/1.1
AMS(m)210/1.5



CAST IRON OPEN IMPELLER

- Power: 1,1 kW/230V - 1,5 kW/230V
- Max. volume XHSm 1500: 16,2 m³/h - XHSm 2000: 19,8 m³/h
- Max. height : XHSm 1500: 15 m - XHSm 2000: 20,5 m
- In- and outlet connection: 2" - 2"

XHSm 1500 - XHSm 2000

NORMALIZED PUMPS

centrifugal ss-aisi/304 - centrifugal cast iron

Normalized centrifugal pumps are mainly used for circulation, cooling systems, irrigation and transfer of clean, chemically light-aggressive water and other liquids.

PUMP	MOTOR
Available in cast iron or SS-AISI/304	Copper or aluminium winding
Impeller AISI/304 - HT200	Built-in overload motor protector
AISI 304 shaft	Insulation class F
Max. liquid temperature +85°C	Protection class IP54
Max. operating pressure 12 bar	Performance in compliance CEI 2-3 (IEC 34.1)
DN connections = EN 733 (DIN 24255)	
Sic/Sic mechanical seal (DIN 24960)	



(monoblock, until 7,5 kW)

(close coupled, from 9,2 kW)



CENTRIFUGAL SS-AISI/304

- Power: 1,1 kW/230V - 22 kW/400V
- Max. volume: 6 m³/h - 132 m³/h
- Max. height: 58 m
- Monoblock up to 7,5 kW
- Close coupled from 9,2 up to 22 kW (flanged B5 motor, optional Ex)

XZS50 - XZS65
XZS80 - XZS100



(monoblock, until 7,5 kW)

(close coupled, from 9,2 kW)



CENTRIFUGAL CAST IRON

- Power: 0,75 kW/230V - 37,5 kW/400V
- Max. volume: 18 m³/h - 210 m³/h
- Max. height: 17,5 m - 95 m
- Monoblock up to 7,5 kW
- Close coupled from 9,2 kW up to 37 kW (flanged B5 motor, optional Ex)

XST32 - XST40 - XST50
XST65 - XST80



SUBMERSIBLE PUMPS

drainage, sewage and dewatering

Can be used to transfer clean or slightly dirty water or other liquids similar to water. Suitable to be immersed in water for lifting water from a cellar or a pool, and draining water from the basement.

PUMP	MOTOR
High engineered plastic/SS 304 body	Motor with aluminium winding
Upper and side-outlet	Built-in thermal protector
Float switch ensures automatic cut-in and cut-out	Insulation class F
Max. liquid temperature +35°C	Protection class IPX68
Max. immersion depth 7 - 12 m	
Max. diameter of particle 1 - 15/35 mm	



PLASTIC DRAINAGE AND SEWAGE PUMPS

- Power: 0,25 kW/230V - 1,0 kW/230V
- Max. volume: 0,9 m³/h - 12,6 m³/h
- Max. height: 5,8 m - 11,6 m
- Cable with plug: 10 meter.

AKS-751PSW



SEWAGE CUTTER PUMPS

- Power: 0,75 kW/230V
- Max. volume: 15 m³/h
- Max. height: 13 m
- Cable with plug: 10 meter.

LSWm100CA

Can be used to transfer heavy dirty water, sewage or other liquids similar to water. Suitable to be immersed in water for lifting gray water, waste water, sewage water and heavy polluted drainage water from construction sites.

PUMP	MOTOR
Pump body HT200y	Motor with copper winding
Upper and side-outlet	Built-in thermal protector
Float switch ensures automatic cut-in and cut-out	Insulation class F
Max. liquid temperature +40°C	Protection class IPX68
Max. diameter of particle 8,5 mm - 19,5 mm	



DEWATERINGS PUMPS

- Power: 2,2 kW/230V - 5,5 kW/230V
- Max. volume: 3 m³/h - 105 m³/h
- Max. height: 15 m - 10,5 m

KBZ 21.5 - KBZ 45.5
KBZ 47.5 - KBZ 615

RESERVOIR PUMPS

high pressure submersible pumps



**AUTO
ON/OFF**



HIGH-PRESSURE AUTOMATIC

- Power: 0,9 kW/230V - 1,1 kW/230V
- Max. volume: 0,9 m³/h - 6 m³/h
- Max. height: 35 m - 45 m
- Built-in pumpswitch
- Standard with 15 mtr. cable (HO7RNF)

LKS-900S (with strainer)

LKS-902SE / LKS-1102SE (with strainer)

LKS-902SE-1 / LKS-1102SE-1 (1" side-inlet)

Can be used for water supply from wells or reservoirs. Most suitable for domestic use, for rainwater harvesting applications in garden use and irrigation. Compact easy to use submersible pump with dry-running protection and built-in check valve. Motor with thermal protector. The SE1 types give the possibility for connecting a floating suctionhose, specially for rainwater applications.

MOTOR AND PUMP

Single -phase 230V - 240V/50Hz

Pumps are designed according to the latest European EEl norms

Curve tolerance according to ISO 9906

Insulation class: F

Protection class: IP68

Can be used for water supply from wells or reservoirs. Most suitable for domestic use, for rainwater harvesting applications in garden use and irrigation.

MOTOR AND PUMP

Single -phase 230V - 240V/50Hz

Pumps are designed according to the latest European EEl norms

Curve tolerance according to ISO 9906

Insulation class: F

Protection class: IP68

Comes with plastic impeller

HIGH-PRESSURE RESERVOIR

- Power 5DW2: 0,55 kW - 1,1 kW
- 5DW2 max. flow: 4,5 m³/h max press. 8,7 bar
- Max. volume 5DW2: 1 m³/h - 4,5 m³/h
- Max. height 5DW2: 33 m - 87,5 m

5DW2

Model		Power kW	DELIVERY n=2850 rpm									
1-	3-		Q (m ³ /h)	0	1	1.5	2	2.5	3	3.5	4	4.5
230V	230V 400V		Q (l/min)	0	17	25	33	42	50	58	67	75
5DWm2/3-0.55P		0.55	H (m)	33	31	29.5	27.5	25	22	19	16	12
5DWm2/5-0.75P	5DW2/5-0.75P	0.75		53	49.5	47	44	40	35	30	25	19
5DWm2/6-0.9P		0.9		65	61	58	54	49	43	37	30.5	23

5DW4

		Q (m ³ /h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
MODEL	kW	Q (l/min)	0	10	20	30	40	50	60	70	80	90	100
5DWm4/4-0.75P	0.75	H (m)	51	50	49	47	44	41	36	33	25	20	14
5DWm4/5-0.92P	0.92		64	62	61	59	55	51	45	39	31	25	18
5DWm4/6-1.1P	1.1		77	74	73	71	66	61	54	46	37	30	21
5DWm4/7-1.3P	1.3		89	87	85	82	77	71	63	54	44	35	25



BOREHOLES PUMPS

borehole pumps - solar borehole



Can be used for water supply from wells or reservoirs. Can be used for domestic use, for civil and industrial applications, for garden use and irrigation.

MOTOR AND PUMP

Rewindable motor screen motor

Single -phase 230V - 240V/50Hz

Three -phase 380V - 415V/50Hz

Pumps are designed according to

the latest European EEl norms

Curve tolerance according to ISO 9906

BOREHOLE 2,5" - 3"- 4"

- Power: 0,37 kW/230V - 2,2 kW/230V
- Max. volume 3": 0,3 m³/h - 3,6 m³/h
- Max. volume 4": 0,6 m³/h - 14 m³/h
- Max. height: 32 m - 148 m • Cable standard 30 m - HO7RN

2.5XRm - 3XRm - 4XRm



BOOSTER PUMPS

vertical multistage monoblock - vertical multistage coupled



EVP MULTISTAGE MONOBLOCK

- Material in SS-AISI/304 - DIN GG-20
- Power: 0,37 kW/230V - 7,5 kW/400V
- Max. volume: 1,2 m³/h - 16 m³/h
- Max. height: 12 m - 150 m
- In and outlet connection: DN-25 (3/4") til DN-38 (1 1/2")
- Max. liquid temperature: 60°C

EVP2 - EVP10

The LEO EVP monoblock vertical pumps are designed for semi-professional boostersystems. Impellers in high strength thermoplastic. Suitable for water supply of high-rise buildings, filtration and transfer at waterworks, pressure boosting in main pipe. Washing and cleaning systems, boiler feeding, water circulation, watertreatment systems. Ultra-filtration, reverse-osmosis and distillation systems. Agricultural irrigation, sprinkler systems and fire fighting.

PUMP	MOTOR
Stainless steel AISI/304 - wetted parts	IE 3 motor (IE 2 motor optional)
Impellers in thermoplastic	Totally enclosed and fan cooled
	Insulation class F - Protection class IP55
	Standard voltage 50 Hz, 1 x 220V/3 x 400V



LVR/LVS MULTISTAGE COUPLED

- SS-AISI/316 or DIN GG-20 (LVR)
- Cartridge seal
- Power: 0,37 kW/230V - 110 kW/400V
- Max. volume: 4,2 m³/h - 240 m³/h
- Max. height: 12 m - 325 m
- In and outlet connection: DN-32 til DN-200
- Max. liquid temperature: 120°C

**LVR-1 - LVR-200
LVS-3 - LVS-200**

The LEO LVR (DIN-GG20-AISI/304) and the LEO LVS (SS-AISI/316) with drinkwater certification. Pumps are designed for water supply, high-rise buildings, filtration and transfer at wa-terworks, pressure boosting in main supply. Washing and cleaning systems, boiler feeding, water circulation, watertreatment systems. Ultra-filtration, reverse-osmosis and distillation systems. Agricultural, sprinkler irrigation, food and beverage industry, fire fighting systems. Motor with standard B5 flange.

PUMP	MOTOR
Stainless steel AISI/304-316 - wetted parts	IE 3 motor (IE 2 motor optional)
Impellers in stainless steel	Totally enclosed and fan cooled
	Insulation class F - Protection class IP55
	Standard voltage 50 Hz, 1 x 220V/3 x 400V

BOOSTERS

stainless steel horizontal multistage



BOOSTERSET

- Power: 0,55 kW/230V/50-60 Hz
- Max. volume: 4,8 m³/h
- Max. height: 42 m
- Max. speed: 5200 RPM
- Connections: in- and outlet 1"

MAC 550

This innovative variable speed-pump with PM motor (permanent magnetic), is a energy-saving technology who adjust performance by automatically reduce the speed to the according water demand, providing constant pressure to all taps. The watercooled motor makes the soundlevel lower than 47 dB(A) in standard use. The MAC550 is the newest compact all-in-one solution.



DISCONNECTION SET

It is applicable to household water supply, garden watering, fish farming and poultry raising, industrial and mining, high-rise buildings. Most countries don't allow boosting directly on the main watersupply. LEO Europe can offer certified disconnection sets from 10 until 1000 lt.

BOOSTER PUMPS

stainless steel horizontal multistage pump



HORIZONTAL BOOSTER PUMP

- Stainless steel horizontal multistage pump
- Power: 0,37 kW/230V - 4 kW/400
- Max. volume: 3,6 m³/h - 28 m³/h
- Max. height: 16 m - 55 m
- Available in full stainless steel AISI/304 (ECHS)

ECH2 - ECH20

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation systems, etc.

PUMP	MOTOR
AISI/304 shaft and impellers	Motor with copper winding
Max. liquid temperature 85°C	Built-in thermal protector for single phase motor
Max. inlet pressure 10 bar	Insulation class F
Max. operation pressure 10 bar	Protection class IP55
Liquid pH value 4 - 10	Max. ambient temperature +40°C



HORIZONTAL BOOSTER PUMP

- Stainless steel horizontal multistage pump
- Power: 0,37 kW/230V - 4 kW/400V
- Max. volume: 3,6 m³/h - 28 m³/h
- Max. height: 16 m - 55 m
- Available in full stainless steel AISI/304 (ECHS)

EDH(m)2 - EDH4 - EDH15

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation systems, etc.

PUMP	MOTOR
AISI/304 shaft and impellers	Motor with copper winding
Max. liquid temperature 60°C	Built-in thermal protector for single phase motor
Max. inlet pressure 10 bar	Insulation class F
Max. operation pressure 10 bar	Protection class IPX4
Liquid pH value 6.5 - 8.5	Max. ambient temperature +40°C

SELF PRIMING PUMPS

swimming pool - pool sandfilterset

Self priming swimming pool pumps are used for water circulation in a small and medium-sized swimming pools. Slightly dirty water with solids in suspension can be perfectly filtered.

- Type XKP250/450
- In- outlet: 1.1/2" - 40 mm
- Type XKP554/1604
- In- outlet: 2" - 50 mm

PUMP	MOTOR
Plastic pump body	Copper or aluminium winding
ABS impeller	Built-in thermal protector for
AISI 304 shaft	single phase motor
Max. liquid temperature +35°C	Insulation class F - Protection class IPX5
Max. suction +3,5 m	



SWIMMING POOL PUMPS

- Power: 0,25 kW/230V - 2,2 kW/230V
- Max. volume: 7 m³/h - 30 m³/h
- Max. height: 6,9 m - 17,8 m

**XKP250 - XKP450
XKP554 - XKP1604**



SANDFILTER PUMPSET

- Power: 0,6 kW/230V - 2,2 kW/230V
- Max. volume: 8 m³/h - 24 m³/h
- Max. height: 9,7 m - 17,8 m

H2Q-QCC310 - H2Q-QCC600



ENGINE PUMPS

medium pressure - high pressure - diesel

To transfer clean water with liquid temperature between 0°C and 40°C. Applicable in water supply and drainage for factories, mines, municipals facilities as well as field irrigation, etc.

PUMP	MOTOR
Anti-rust cast iron impeller	Single cylinder
Anti-rust cast iron diffuser	Air-cooled



GASOLINE 4 STROKE ENGINE

- Power LGP 15A until LGP 30A: 1,6 kW until 6,5 kW
- Max. volume: 2 m³/h - 60 m³/h
- Max. height: 38 m - 32 m
- Inlet/outlet: 25 mm/ 38 mm/50 mm/80 mm

LGP20-A / LGP30-A
LGP20-A-1 / LGP30-A-1



GASOLINE 4 STROKE ENGINE

- Power LGP 20H/LGP20-2H: 6,5kW
- Max. volume LGP 20H: 30 m³/h
- Max. volume LGP 20H-2H: 20 m³/h
- Max. height LGP 20H: 58 m
- Max. height LGP 20-2H: 81 m
- Max. suction: 5 mm/120s
- Inlet: 50 mm
- Outlet: 38 mm/1 x 38 mm + 2 x 25 mm
- Rated speed: 3600 rpm

LGP20H - LGP20-2H

ACCESOIRES / SPECIALS



MEMBRANE TANKS

- Coated or SS-AISI/304
- Membrane: EPDM
- Actual capacity: 18 ltr- 100 ltr
- Max. temperature: 99°C
- Max. pressure: 8 bar
- Connection: G1"

19CT - 24CT - 50CT - 100CT



ELECTROMAGNETIC SWITCH

- Rated voltage: 220V-240V/110V - 120V - 50/60 Hz
- Max. power: 1,1 kW/1,5kW - 10A - IP55
- Starting pressure setting: 1,2/1,5/2,2 bar
- Connection thread: G1"
- Max. operation temperature: 60°C

PS-04A



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About Leo Europe

As one of the worldwide leaders in the engineering and manufacturing of waterpumps, the time was right for LEO pumps to establish an European Office and warehouse in Europe. Started up in 2017 and located in the north east of Belgium, the new European Headquarter in the centre of Europe was born. Our goal is to have the LEO products available in all European countries, with short delivery times by our own delivery service.

With its right quality labels and professional trend-setting design and packaging, Leo Europe has the aim to be the number one European supplier for all range of waterpumps. Together with our great team with more than 30 years of experience in the waterpump market, and our own in-house service and repair centre, we can assist all of our distributors in a very short time.

With its unique designs, high performances and European standards, LEO Pumps is aiming to become a leading pumpsupplier in this high-end EU-market. All the pumps are covered by 24 months full warranty. In order to ensure a higher availability of our products, we have opened a brand new European logistics centre in the middle of Europe where we can give direct customer support in your preferred language.

We have also created our SSP (Showroom Standardization Program) to support your sales efforts in the best possible way. Feel free to ask how LEO can boost your pump-business.



Warranty of
24 months



Central European
product availability



Showroom
Standardization
Program



European
warehouse



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Water is life,
take care of it.

