



JUNG PUMPEN HOUSE AND ESTATE DRAINAGE







JUNG PUMPEN

MADE IN STEINHAGEN

"We are JUNG (young)" ... is our active corporate philosophy, despite the fact that we can look back on a long tradition. A lot has happened since the year 1924, when Heinrich Christian Jung developed, produced and sold the slurry pump locally in Steinhagen. Today Jung Pumpen belongs to the global concern Pentair and so belongs to one of the five largest water supply and disposal companies.

JUNG PUMPEN is market leader in Germany in many areas of residential and municipal drainage technology. Jung Pumpen products are sold in every continent. A close network of our own distribution companies and partners worldwide ensures that more and more are sold every day.

Due to our very close contact with customers we strive constantly to react quickly and efficiently to the requirements of the market. The traditional pledge that Jung Pumpen products stand for "reliable waste water technology", and the implementation of this assurance, will remain our primary objective for the coming decades.

The resumption of activities in the sector of fresh water pumps in cooperation with our Italian sister company NOCCHI is also an expedient extension of our range.

You benefit from our services as a brand manufacturer in many different ways.

- Quality "made in Germany" due to a high manufacturing depth.
- The proximity to the market is guaranteed on a daily basis throughout Germany by our FORUM seminar centre, our competent sales representatives and our after sales Service.
- We always have an open ear and offer free consultation and planning through our qualified internal staff. Monday to Thursday from 7.30 a.m. to 5 p.m. Friday from 7.30 a.m. to 3.30 p.m.
- Jung Pumpen products are available all over Germany through the sanitary wholesale trade.
- Jung Pumpen provides a waste water platform at www.jungtube.de which contains tips and advice on various waste water issues and products.

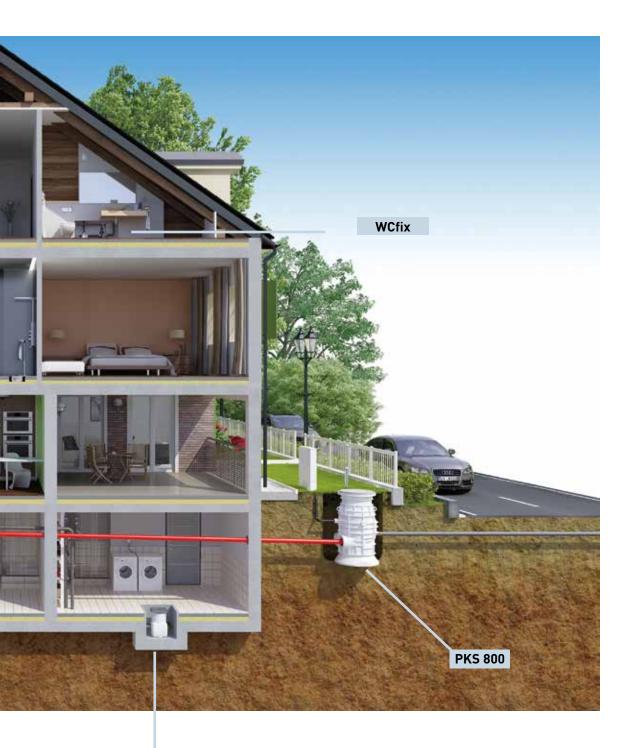




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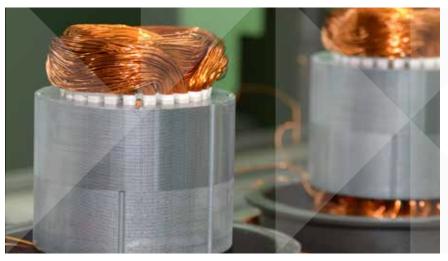
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JUNG PUMPEN U3K/U5K

CELLAR DRAINAGE PUMPS

The classic pumps

The U3K(S) and U5K(S) are submersible pumps for the disposal of domestic waste water.

When installed as stationary units in a basement chamber or collecting tank, they reliably dispose waste water as well as protecting against backpressure. But they can also be used in mobile applications, such as in the garden or to prevent flooding.

Special design features make these pumps extremely versatile. A flushing device which can be activated to keep chambers clean, the integrated low level pumping feature offers great advantages when emptying flooded rooms and the EIP techno-logy provides enhanced operational reliability where there are solid particles in the pumping medium. The variable discharge branch allows great freedom when installing the pump and the swing-type check valve provided for mobile operation prevents unintentional emptying of the hose. All components which come into contact with the pumping medium are made of stainless steel or plastic.

The U5K(S) has more power and a larger free passage. This means that solid particles up to a particle size of 20 mm can be conveyed without any problem.

The combination with the special float assembly for narrow chambers allows both pump types to be used in installation situations with limited space (sump diameter Ø 30 cm).

For stationary use, the guide rail system GR 32 is particularly recommended for simple and rapid mainte-

The pumps are LGA certified.

Continuous operation

Low level pumping

Flushing device

Sealed cable inlet















Туре	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U3K(S)	7 m	6.5 m³/h	10 mm	1/N/PE~230 V	0.32 kW	0.20 kW	1.4 A	integrated	safety-
U5K(S)	8 m	11.5 m³/h	10/20 mm	1/N/PE~230 V	0.52 kW	0.38 kW	2.3 A	integrated	safety-





JUNG PUMPEN U6K

SUBMERSIBLE DRAINAGEPUMPS

ONE pump for everything

The submersible drainage pump U6K has the same useful features of the U3K and the U5K, but offers more besides. Thanks to the silicon carbide mechanical seal it is suitable not only for conveying waste water but also for drainage and seepage water in sumps and for silage liquor and liquid fertilizer. The U6K can be used for both stationary and portable operation.

Operational safety and a long service life are prime features of this pump too. An oil chamber ensures protection against running dry. The U6K also includes an integrated motor contact switch which turns the pump off if it overheats. The connection cable can be easily replaced.

The pump with the float switch starts up the pumping process as soon as a certain water level is reached.

Due to a variable free passage solid particles up to a particle size of 20 mm can be easily conveyed.

The pump can be supplied in a three-phase current version or an alternating current version. If required for safety reasons, a duplex pump installation with a control unit can be used

Through the use of a duplex swing-type check valve the pump installation can be carried out quickly, easily and compactly.

The guide rail system GR 32 provides a convenient way to carry out clean and fast maintenance when the pump is installed in deep sumps.

The pump is LGA certified.

Replaceable sealed cable inlet

SiC mechanical seal

10/20 mm free passage

Flushing device















Туре	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U6K E/ES	9.5 m	15.5 m³/h	10 / 20 mm	1/N/PE~230 V	0.75 kW	0.49 kW	3.3 A	integrated	safety-
U6K D/DS	9.5 m	15.5 m³/h	10 / 20 mm	3/PE~400 V	0.75 kW	0.55 kW	1.3 A	integrated	CEE-





JUNG PUMPEN U3KSPECIAL

SUBMERSIBLE SUMP PUMPS

Für die besonderen Medien

The U3K(S) special is a material-optimized special pump model. It pumps aggressive media - either stationary or portable - especially in industrial and commercial areas. Without any problem it handles seawater from hulls and watery dissolutions up to 10% salinity from e. g. water softening plants or condensate from condensing boilers.

Special design features make these pumps extremely versatile. A flushing device which can be activated to keep chambers clean, the integrated low level pumping feature offers great advantages when emptying flooded rooms and the EIP technology provides enhanced operational reliability where there are solid particles in the pumping medium. The variable discharge branch allows great freedom when installing the pump and the swing-type check valve provided for mobile operation prevents unintentional emptying of the hose. All components which come into contact with the pumping medium are made of stainless steel or plastic.

The combination with the special float assembly for narrow chambers allows both pump types to be used in installation situations with limited space (sump diameter Ø 30 cm).

For stationary use, the guide rail system GR 32 is particularly recommended for simple and rapid maintenance

The pumps are LGA certified

For saline solutions up to 10% salinity

Low level pumping

Flushing device

SiC mechanical seal

Moisture sealed cable inlet















Туре	H max	Q max	Free passage	Votage	P1	P2	Current	Motor protection	Plug
U3K(S) special	7 m	6,5 m³/h	10 mm	1/N/PE~230 V	0,32 kW	0,20 kW	1,4 A	integrated	Schuko-





JUNG PUMPEN SIMER

SUBMERSIBLE UTILITY PUMP

Almost dry with SIMER

This robust submersible pump is suited for drying up cellars, flat roofs, tennis courts or swimming pools. But also water from core drilling or cutting concrete could be sucked off by a SIMER.

A removable strainer with a mesh size of 2 mm protects the hydraulic system reliable from coarse solids.

Concerning the variable hose connector a quick and easy hose installation is possible.

A vent valve in the housing ensures that the pump starts reliably even at very low water levels.

OPTIONAL: With the electronic switch, Simer Level Control, puddles and flood water can be removed automatically. The level control is integrated in the cable inlet and switches the pump on automatically at approx. 7 mm water level.

Removes water down to a level of 2 mm

Self-venting starts at a water level of just 5 mm

Continuous operation

NEW ACCESSORIES: Electronic switch Simer Level Control for automatic pumping controls



Simer Water Level Control:



Remove Simer cable connection



Insert Simer Level Control



Cable connection screw in the Simer Level Control housing

Туре	H max	Q max	Free passage	Voltage	P1	Strom	Motor protection	Plug
SIMER	6 m	3,7 m³/h	2 mm	1/N/PE~230 V	0,40 kW	2,6 A	integrated	Schuko-





JUNG PUMPEN FLUTBOX

Save whatever you can!

Each flood is unlikely to be the last and the next one may already be upon you. This is where the Flutbox flood emergency kit is used, providing for a stress-free drainage of your basement quickly and easily. Just put the carrying cage with the pump on the basement floor and pump the water out quickly and reliably via the fire hose.

Taken out of the carrying cage, the U5KS drainage pump can also be used as a stationary or portable tool around the home and garden.

Quick and easy attachment by a C-coupling

With high-performance U5KS

Drainage pump

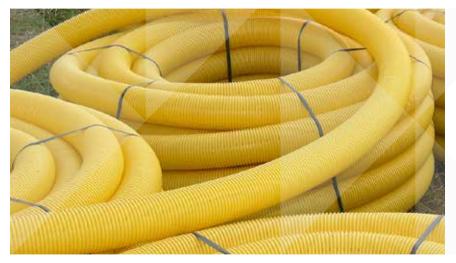
Wall mounting for storing the "Floodbox"

The scope of supply

- 1 powerful U5KS drainage pump
- ▶ 1 fire hose with C coupling
- 1 carrying cage with integrated pump fixation for stabilizing the pump
- 1 float switch fixation for pumping down to a minimum of residual water



Туре	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U5K(S)	8 m	11.5 m³/h	10/20 mm	1/N/PE~230 V	0.52 kW	0.38 kW	2.3 A	integrated	safety-





JUNG PUMPEN DRAINAGE SET

All inclusive!

The drainage set reliably protects your building from damp. The drainage set from Jung Pumpen is supplied ready to plug in with a U 6 Drain ES drainage pump. Installation and operation is child's play thanks to the practical components supplied with the set.

The powerful pump can also pump abrasive media. The slim design fits in all common drainage sumps with a sand trap from 280 mm internal diameter. The mounting bracket stabilises the pump even in large sumps and ensures safe operation.

Ready to connect

Powerful drainage pump

Large scope of supply

SiC mechanical seal



The scope of supply

- Drainage pump U 6 Drain ES
- Special float
- Swing-type check valve
- ▶ Hose nozzle with clamp
- Mounting bracket
- ▶ 5 m lifting rope
- ▶ 20 m cable
- Manual/automatic control switch

Туре	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U 6 Drain ES	9.5 m	15.5 m³/h	10 mm	1/N/PE~230 V	0.75 kW	0.49 kW	3.3 A	integrated	safety-





JUNG PUMPEN US 62-253

SUBMERSIBLE DRAINAGE PUMPS

Performance made easy

The submersible drainage pumps of the US range provide a reliable solution for all types of faecal-free waste water. These pumps use high-performance motors, hydraulics which are specially adapted to the pumping medium and high-quality materials. The US 62 to 152 pumps have a stainless steel housing which means that they can also be easily carried in portable use. The motor housing for the US 151 and 251 is made of the customary grey cast iron.

Due to its free passage of 10 mm particle size it is possible, for example, to convey waste water from dishwashers or washing machines.

The submersible drainage pumps of the US 73 to US 253 range are used when a larger free passage of up to 30 or 40 mm particle size is required. The range is rounded off with the US 75 to US 155 range with a free passage of 50 mm particle size.

Standard features of the dry running safe pumps are a controllable oil chamber, a wear resistant silicon carbide mechanical seal and a permanently lubricated roller bearing to ensure a long service life.

It goes without saying that the pumps can also be easily taken out of the sump with the guide rail system GR 40 or GR 50 for servicing or for a visual inspection.

The pumps are LGA certified.

Free passages up to 50 mm

Controllable oil chamber

SiC mechanical seal independent of rotation direction

Replaceable sealed cable inlet















Туре	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
10 mm free pa	assage								
US 62 E/ES	9.5 m	19 m³/h	10 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 62 D/DS	10.5 m	22 m³/h	10 mm	3/PE~400 V	0.85 kW	0.60 kW	1.4 A	integrated	CEE-
US 102 E/ES	12.5 m	28 m³/h	10 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 102 D/DS	12.5 m	28 m³/h	10 mm	3/PE~400 V	1.36 kW	1.06 kW	2.4 A	integrated	CEE-
US 152 E	14.0 m	30 m³/h	10 mm	1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A	on site	_
US 152 ES	14.0 m	30 m³/h	10 mm	1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A	integrated	safety-
US 152 D	15.0 m	32 m³/h	10 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	on site	_
US 152 DS	15.0 m	32 m³/h	10 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	integrated	CEE-
US 151 E	14.0 m	40 m³/h	10 mm	1/N/PE~230 V	1.68 kW	1.19 kW	7.6 A	on site	_
US 151 ES	14.0 m	40 m³/h	10 mm	1/N/PE~230 V	1.68 kW	1.19 kW	7.6 A	integrated	safety-
US 151 D	14.0 m	40 m³/h	10 mm	3/N/PE~400 V	1.60 kW	1.30 kW	3.0 A	on site	-
US 151 DS	14.0 m	40 m³/h	10 mm	3/N/PE~400 V	1.60 kW	1.30 kW	3.0 A	integrated	CEE-
US 251 D	16.5 m	54 m³/h	10 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	on site	_
US 251 DS	16.5 m	54 m³/h	10 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	integrated	CEE-
20 / / 0 == == {==		_							
30 / 40 mm fre			20	1/N/DE 220 V	0.00.1344	0.501,347	2.0.4		
US 73 E/ES	9.5 m	19 m³/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 73 D/DS	10.5 m	22 m ³ /h	30 mm	3/PE~400 V	0.85 kW	0.60 kW	1.4 A	integrated	CEE-
US 103 E/ES US 103 D/DS	12.5 m	28 m ³ /h 28 m ³ /h	30 mm	1/N/PE~230 V 3/PE~400 V	1.37 kW 1.36 kW	0.98 kW 1.06 kW	6.0 A 2.4 A	integrated	safety-
US 153 E	14.0 m	30 m ³ /h	30 mm	•	1.60 kW	1.06 KW	7.5 A	integrated on site	
US 153 ES	14.0 m	30 m ³ /h	30 mm	1/N/PE~230 V 1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A		- safaty
US 153 D	15.0 m	31 m ³ /h	30 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	integrated on site	safety-
US 153 DS	15.0 m	31 m³/h	30 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	integrated	CEE-
US 253 D	16.0 m	40 m ³ /h	40 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	on site	
US 253 DS	16.0 m	40 m ³ /h	40 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	integrated	CEE-
03 233 03	10.0111	40 111 /11	40 111111	3/14/1 2 400 4	2.00 KVV	2.10 KW	4.4 //	mitegrated	OLL
50 mm free pa	assage								
US 75 E/ES	7.5 m	20 m³/h	50 mm	1/N/PE~230	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 75 D/DS	8.5 m	23 m³/h	50 mm	3/PE~400	0.85 kW	0.60 kW	1.4 A	integrated	CEE-
US 105 E/ES	11.5 m	28 m³/h	50 mm	1/N/PE~230	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 105 D/DS	11.5 m	29 m³/h	50 mm	3/PE~400	1.36 kW	1.06 kW	2.4 A	integrated	CEE-
US 155 E	12.0 m	29 m³/h	50 mm	1/N/PE~230	1.60 kW	1.21 kW	7.5 A	on site	-
US 155 ES	12.0 m	29 m³/h	50 mm	1/N/PE~230	1.60 kW	1.21 kW	7.5 A	integrated	safety-
US 155 D	13.0 m	31 m³/h	50 mm	3/PE~400	1.70 kW	1.41 kW	3.1 A	on site	-
US 155 DS	13.0 m	31 m³/h	50 mm	3/PE~400	1.70 kW	1.41 kW	3.1 A	integrated	CEE-





JUNG PUMPEN US HE AND US EX

HOT WATER AND EX PUMPS

Specialists at work

Hot water pumps

When you find yourself in hot water, our US 73 HE and 103 HE range of submersible drainage pumps provide the solution. These pumps are for use in laundries or automatic launderettes, in industrial dishwashers and washing machines or for the emergency overflow of heating systems for conveying hot water of up to 194°F (90 °C). The pumps can be used in combination with our Hebefix 100 H above floor sump.

Explosion protected pumps

The ex pumps from our US range meet all your requirements if you need to pump highly polluted drainage water (containing particles up to 30 mm) from collection chambers, pits and other hazardous areas. These include, for example, areas where the drainage system is fed via the pressure pipe

from car parks, car washes and underground car parks. To show the type of use the pumps are given the designation (x) II 2 G Ex d IIB T4

Explosion protected pumps and hot water pumps must not be used for raising sewage from lavatories and urinals.

This range of pumps is suitable for stationary and portable use. For easy removal of the pumps from deep sumps we recommend the use of our guide rail system GR 40 which provides ease of maintenance and inspec-

The pumps are LGA certified.

Can be used up to 194°F (90° C)

With explosion protection (ex pumps)

Controllable oil chamber

30 mm free passage









T	ype	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
US	73 HE/HES	9.5 m	19 m³/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US	103 HE/HES	12.5 m	28 m³/h	30 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US	73 Ex W	10.0 m	19 m³/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A		without
US	73 Ex D	10.5 m	21 m³/h	30 mm	3/PE~400 V	0.85 kW	0.60 kW	1.4 A	in control unit	without
US	5 103 Ex W	12.5 m	28 m³/h	30 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	+ winding thermostats	without
US	5 103 Ex D	12.5 m	28 m³/h	30 mm	3/PE~400 V	1.36 kW	1.06 kW	2.4 A		without





JUNG PUMPEN UB 62-251 SUBMERSIBLE PUMPS FOR BUILDING SITES

Flexible use on building sites

Our submersible pumps for building sites bring power and performance to every location where they are required. They can be used in structural engineering, civil engineering and sewage construction as well as in emergency situations. The standard fixed coupling and the variably adjustable switch-on and switch-off points make these pumps useful aids, even in difficult situations.

With a free passage of 10 mm they are suitable for conveying waste water, rainwater, ground water, seepage water and drainage water.

The pumps can be supplied a in threephase current version or an alternating current version. The three-phase current pumps are fitted with a practical **phase inverter** plug. Standard features of the dry running safe pumps are a controllable oil chamber, a wear resistant silicon carbide mechanical seal and a permanently lubricated roller bearing to ensure a long service life.

Integrated fixed coupling

Submersible ball contact switch for freely selectable switching points.

10 mm free passage

SiC mechanical seal independent of rotation direction



Туре	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
UB 62 ES	9 m	17 m³/h	10 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
UB 62 DS	10 m	19 m³/h	10 mm	3/PE~400 V	0.85 kW	0.60 kW	1.4 A	integrated	CEE-
UB 102 ES	13 m	24 m³/h	10 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
UB 102 DS	13 m	24 m³/h	10 mm	3/PE~400 V	1.36 kW	1.06 kW	2.4 A	integrated	CEE-
UB 152 ES	14 m	26 m³/h	10 mm	1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A	integrated	safety-
UB 152 DS	15 m	27 m³/h	10 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	integrated	CEE-
UB 251 DS	16 m	49 m³/h	10 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	integrated	CEE-





JUNG PUMPEN MULTIDRAIN UV 600 SUBMERSIBLE PUMPS FOR HIGH DELIVERY HEAD

Even skyscrapers start as a basement

These new submersible pumps are especially developed for applications where high delivery heads are required.

All kinds of water with solids up to 10 mm (e.g. grey-, rain-, ground- or drainage water) can be pumped from very deeply located areas. Multidrain pumps can be used in a mobile way as a construction pump in deep excavations like shopping centres, skyscrapers or underground areas.

In fixed sump installations the Multidrain 600 provides numerous options. Equipped with two female discharges 2" the user can either connect the discharge pipe to the vertical discharge on the top or use the horizontal discharge for a guide rail installation (GR 50).

Both ways of installation have their own benefits: Pumps combined with a guide rail system can easily be removed for maintenance while the vertical connection requires less sump space and is ideal for connecting a hose when the pump is used in a mobile way.

High delivery head

Two discharge positions: option between horizontal and vertical

Motor cooling jacket enables emerged operation (S1)

10 mm free passage

Moisture seal cable inlet

Exchangeable cable (10 m) without plug

NEW

Available from summer 2016

Туре	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
MULTIDRAIN UV 620-1	18 m	38m³/h	10 mm	1/N/PE~230 V	2.1 kW	1.6 kW	9.8 A	integrated	_
MULTIDRAIN UV 620-1 S	18 m	38 m³/h	10 mm	1/N/PE~230 V	2.1 kW	1.6 kW	9.8 A	integrated	-
MULTIDRAIN UV 620-3	18 m	38 m³/h	10 mm	3/PE~400 V	2.1 kW	1.6 kW	4.0 A	integrated	-
MULTIDRAIN UV 620-3 S	18 m	38 m³/h	10 mm	3/PE~400 V	2.1 kW	1.6 kW	4.0 A	integrated	-
MULTIDRAIN UV 625-3	22 m	39 m³/h	10 mm	3/PE~400 V	2.6 kW	2.0 kW	4.7 A	integrated	-
MULTIDRAIN UV 625-3 S	22 m	39 m³/h	10 mm	3/PE~400 V	2.6 kW	2.0 kW	4.7 A	integrated	-
MULTIDRAIN UV 635-3	26 m	42 m³/h	10 mm	3/PE~400 V	3.3 kW	2.7 kW	6.0 A	integrated	-
MULTIDRAIN UV 635-3 S	26 m	42 m³/h	10 mm	3/PE~400 V	3.3 kW	2.7 kW	6.0 A	integrated	-

S with ball contact switch

KEEPS COOL IN ANY SITUATION



Horizontal discharge

For stationary use the guide rail system GR 50 is particularly recommended for simple and rapid maintenance.



Vertical discharge

For mobile applications the pumps can be installed to a vertical discharge. Very convenient in narrow sumps or for hose connection.



Due to the motor cooling jacket a continuous emerged operation is possible.





JUNG PUMPEN K2 PLUS

CONDENSATE PUMP

For those with high standards

The benefits offered by the new K2 plus condensate pump are a definite plus that make this pump a versatile helper. This pump works dependably to remove acidic condensate with a pH of > 2.7 from

- gas and oil condensing boilers
- air conditioning systems
- air dehumidifiers
- cooling units.

The K2 plus satisfies the highest requirements. It is distinguished not only by its modern design but above all by its consistently quiet operation, its compact tank dimensions and its reliability. The pump is ready to connect and operates fully automatically.

A new developed float switch monitors the level inside the tank, while the electronic unit oversees the pump's operating time. The user is therefore alerted early to potential problems. The integrated alarm can be relayed to other places using the potential-free alarm contact.

The indicator light displays whether the system is operating or whether there is a fault. The good working order of the system can be checked at any time with the test run button. A sand trap keeps solids out of the hydraulic system. The two-part design of the motor and collecting chamber and the rotary knobs at the side make for easy cleaning without tools.

The K2 plus is resistant to acid condensate with a pH-value of \geqslant 2.7. The maximum inlet temperature of the pumped media is $104^{\circ}F$ ($40^{\circ}C$).

Equipment: ready to plug in with 2 m mains cable, and safety plug, 6 m PVC pressure tube with DN 50 connector.

The K2 plus is suitable for wall or floor mounting.

In the case of larger volumes of condensate or additional waste water, we recommend using the Hebefix floor-mounted sump with a U3KS spezial. Especially quiet running

New developed float switch

Alarm with watchdog timing monitoring

Visual operating/error display

Test run button

Wall or floor-mounted model





Туре	H max	Q max	Voltage	P1	Current	Motor protection	Plug
K2 plus	4.5 m	520 [l/h]	1/N/PE~230 V	65 W	0.58 A	Thermostat	safety-





JUNG PUMPEN PLANCOFIX | PLANCOFIX PLUS

FLOOR DRAINAGE PUMPS

The first tile that pumps

The innovative Plancofix now makes it possible to install tiled walk-in showers even in bathroom renovation projects.

The compact, yet powerful, PLANCO-FIX pump drains away shower wastewater no matter where the shower is tucked away in the building. The surface of the pump housing can be fully tiled over and unobtrusively concealed in the shower floor. Alternatively, a stainless steel drain cover can be used.

When the shower is in use, the underfloor tank in the PLANCOFIX fills up, and a float switch sets the virtually silent pump in operation.

To remove any of the usual hairs, fluff, or sand that can become deposited on the pump housing, the hydraulic system is simply lifted out of the pump and rinsed with clear water.

NEW: The **Plancofix plus** was developed especially for situations where a low delivery head has to be overcome like it is in most top floors for example. A smaller motor in the Plancofix plus makes it possible that a lower installation depth of 8 cm or 9 cm incl. insulation tray can be achieved.

Installation depth 10.5 cm Installation depth 8 cm (Plancofix plus)

Inlet from above through the floor drain or from the side

Seal collar for attaching to the customer's thin-bed waterproofing system

Easy cleaning and maintenance

Drain can be tiled or in stainless steel

VDE approval for Plancofix







JUNG PUMPEN HEBEFIX

ABOVE FLOOR TANKS

Performance well packaged

Hebefix

Do you wish to subsequently install items which require drainage but there is no drain pipe available? No problem for the Hebefix! It is not only compact and quick to install, but provides an inexpensive solution in conjunction with the U3KS pump. Whether for a washbasin in the hobby room or a washing machine in the basement, the Hebefix makes use of its advantages every time. Even for drainage close to the ground such as for a shower, the Hebefix provides the solution: The special float switch for particularly low switching heights. When condensates have to be disposed from condensing boilers, the U3KS spezial must be used. Its features include a swing-type check valve, high-gloss surfaces, protection against overflow, activated carbon filter and installation materials.

Hebefix plus

Hebefix plus sets new standards in modern bathroom design. Thanks to the small depth of its tank, it can be used in all commercial pre-wall installation systems. Its attractive design and intelligent technology also allow it to be fitted directly under a washbasin. Drainage units such as a shower and washbasin in the hobby room, a bathtub in the guest house or a washing machine in the basement can be

installed quickly and easily. The Hebefix plus is available inclusive pump (type of U3).

Hebefix extra

For the disposal of aggressive waste water the Hebefix plus is easy to install directly to a water softening plant or condensing boiler. Unit incl. U3KS extra.

If sewage requires to be disposed of in addition, these units can be combined with the WCfix plus.

Hebefix 100 | Hebefix 100 H | Hebefix 200

The Hebefix 100 enables greater volumes of waste water to be disposed of. By the targeted use of various pumps, it is possible to connect additional units requiring drainage, such as several washing machines or a bank of showers. The four combination inlets allow an extremely flexible use of the plastic sump with a collection volume of 75 litres. The pump comes complete with all components required for assembling the pump. For waste water temperatures of 104 - 176°F (40 -80°C) we recommend using Hebefix 100 H. The Hebefix 200 (220 l) has now a larger storage capacity and is available as a single or a duplex unit.

All constructions are LGA certified.

Modern bathroom design

Quiet operation

Low level additional inlets

Easy to maintain

Pumps usable with Hebefix:

U3KS or U3KS spezial

Pumps usable with Hebefix 100:

U3KS to U6KS I US62 bis US 103

Pumps usable with Hebefix 100 H: US 73 HES. US 103 HES

Pumps usable with Hebefix 200:

U3KS to U6KS | US 62 to US 103 | US 73 + 103 Ex | US 75 to 105 (only for single units)



















JUNG PUMPEN BAUFIX

UNDERFLOOR SUMPS

Adapts to the surroundings

Baufix underfloor sump

The Baufix collecting tank for underfloor installation is used for the disposal of domestic waste water from washstands, sinks, showers and washing machines in basement or laundry rooms. The pressure resistant sumps are easily fitted in existing pits, connected up and concreted in. All sumps are fitted with a continually adjustable rotatable and height-adjustable cover which can be adapted to the level of floor coverings laid later. An odour trap in the floor drain eliminates unpleasant odours. A certified and integrated swing-type check valve in the chamber prevents a reflux of waste water from the pressure pipe into the tank.

Baufix 50 is distinguished by its particularly compact dimensions and is fully compatible with the U3KS and U3KS spezial. The integrally formed chamber extension can be adapted on site to individual installation depths (45-71 cm).

Baufix 100 has a larger volume and can be combined with various pumps to meet the performance requirements. In combination with U3, U5 or U6 the installation of a guide rail system GR 32 for Baufix 100 is possible.

Baufix 200 with its storage volume of 220 litres can be used as an underfloor sump to dispose of greater volumes of waste water. When used as a double pumping station the pumps are switched on either alternately or together in normal operation to accommodate peak loads

If one pump fails, then the continued operation of the pumping station is therefore assured.

Attention: Installation of the sumps in ground water endangered areas is only permissible if additional measures are taken (watertight concrete formwork). The Baufix 100 is an exception; it can be used in groundwater areas owing to the construction of the tank and a groundwater seal (accessories).

All necessary special components form part of the scope of supply.

Infinite height adjustment

Variable installation depth

Floor drain with odour trap

Can be used in groundwater (Baufix 100)

Pumps usable with Baufix 50: U3KS, U3KS special

Pumps usable with Baufix 100:

U3KS to U6K ES/DS (GR possible) US 62 to US103 ES/DS US 73 Ex to US 103 Ex

Pumps usable with Baufix 200:

U3K to U6K | US 62 to US 103 US 62 to US 103 US 73 Ex to US 103 Ex US 75 to 105 (only for single units)





















JUNG PUMPEN WCFIX

SEWAGE LIFTING STATIONS

The "little helpers"

The WCfix is an easily installed appliance for waste disposal from a toilet above and below the local backup level. In addition, a shower, a washbasin and a bidet can be connected in the same room. It is only permitted for domestic use, however, where the number of users is small (single dwelling).

The new WCfix plus is an absolute all-rounder. Not only is its attractive product design impressive, it also features flexible connection options. It can be fitted invisibly into a standard pre-wall system or connected directly to a floor-standing toilet with a minimum flush volume of 6 litres.

Both the WCfix 260 and the WCfix plus are particularly quiet as they do not have a cutting unit. Pumping is conducted via a flow-optimised open centrifugal impeller. This type of construction dispenses with the need for cleaning at regular intervals. Maintenance work is considerably reduced.

The standard equipment with a venting system to prevent damage to the building due to damp, an alarm system including a potential-free contact and convenient maintenance options make it easy to opt for WCfix.

It is not necessary to have access to the collection chamber in the event of faults due to improper use, as the motor/pump unit can be easily removed as a compact assembly.

The appliances are LGA certified.

Low-level inlets Easy to maintain Vortex impeller









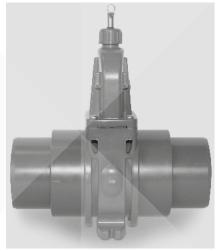






Туре	H max	Q max	Voltage	P1	P2	Current	Motor protection	Cable	Plug
WCfix 260	4 m	133 l/min	1/N/PE~230 V	0.40 kW	0.25 kW	1.75 A	in the winding	1.5 m	safety-
WCfix plus	6 m	208 l/min	1/N/PE~230 V	0,72 kW	0,46 kW	3,2 A	in der Wicklung	1,5 m	Schuko-





JUNG PUMPEN COMPLI300 E

SEWAGE LIFTING STATION

The small, compact unit

The compli 300 E is the smallest of our compli range of sewage lifting stations. It has been specifically designed for the disposal of sewage from single dwellings such as basement flats. It is very versatile due to its extremely compact tank dimensions and the numerous connection options.

The compli 300 E is easy to install due to its light weight and its plug with an integrated control unit which means that it can be taken into service without requiring an electrician.

The powerful alternating current motor of the compli 300 E is based on a rugged grey cast iron volute housing vat which results in special stability and quiet operation.

We recommend as an accessory the sluice valve in the inlet required by EN 12056-4, to prevent any undesirable inflow of waste water during maintenance work.

An additional **stop valve** should be located in the pressure pipe above the swing-type check valve to retain water in the pressure pipe during maintenance work.

It is always advisable to connect a hand diaphragm pump, to enable the collecting tank to be emptied manually in the event of a power failure.

Compact dimensions (0.52 x 0.52 m)

Light weight - only 31 kg

Additional vertical/horizontal inlets



















Туре	H max	Q max	Voltage	P1	P2		Motor protection		Connection flange PN 10	Connecting pipe	Vent pipe
compli 300 E	10.5 m	30 m³/h	1/N/PE~230 V	1.37 kW	0.9 kW	6.0 A	integrated	50 mm	DN 80	DN 80	DN 70





JUNG PUMPEN COMPLI 400 | 500

SEWAGE LIFTING STATIONS

Quality that speaks for itself

The compli 400 sewage lifting station with an integrated swing-type check valve is for the drainage of a single dwelling. Thanks to the height-adjustable clamp flange (180/250 mm) it is also possible to provide drainage for a subsequently added Euro norm standing toilet without excavating the floor.

The additional inlets provided mean that other facilities such as a sink, shower or washing machine can be connected up.

The powerful alternating current motor of the compli 400 is based on a rugged grey cast iron volute housing vat which results in extreme stability and quiet operation. The non-clogging vortex impeller hydraulics with a free passage of 70 mm provide a transport flow of up to 48 m³/h and ensure reliable drainage for single dwellings. Where a larger storage volume is required in combination with a higher pump performance the compli 500 (115 litre tank capacity) is used.

The collecting tank can be combined with various types of pumps depending upon the intended use. Our range of disposal lifting stations comprises other high-performance disposal lifting stations for the disposal of sewage from flats, industrial plants or in public buildings where sewage flow is continuous.

We recommend as an accessory the sluice valve in the inlet required by EN 12056-4, to prevent any undesirable inflow of waste water during maintenance work. An additional stop valve should be located in the pressure pipe above the swing-type check valve to retain water in the pressure pipe during maintenance work. It is always advisable to connect a hand diaphragm pump, to enable the collecting tank to be emptied manually in the event of a power failure.

The sewage disposal units are LGA certified.

Ready to connect

Submersible

Additional vertical/horizontal inlets

Height-adjustable clamp flange (compli 400)













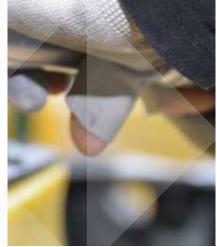




Type compli	H max	Q max	Voltage	P ₁	P ₂		Motor protection			Connec- ting pipe	
400 with RK	7.0 m	48 m³/h	3/N/PE~400 V	1.25 kW	0.87 kW	2.2 A	integrated	70 mm	DN 80	DN 100	DN 70
400 E with RK	7.0 m	48 m³/h	1/N/PE~230 V	1.55 kW	1.10 kW	7.1 A	integrated	70 mm	DN 80	DN 100	DN 70
510/4 BW	7.0 m	52 m³/h	3/N/PE~400 V	1.30 kW	1.00 kW	2.8 A	integrated	70 mm	DN 80	DN 100	DN 70
515/4 BW	9.5 m	69 m³/h	3/N/PE~400 V	2.20 kW	1.70 kW	3.9 A	integrated	70 mm	DN 80	DN 100	DN 70

Please refer to our homepage at www.jung-pumpen.de for additional pump systems.





JUNG PUMPEN COMPLI 1000 | 1200

SEWAGE LIFTING STATIONS

Reliability x 2

The compli 1000 sewage lifting station is one of our series of duplex disposal lifting stations. In certain cases the use of duplex systems is advisable or may even be required by the regula-

The compli 1000 is used for the drainage of blocks of flats and public buildings. Its duplex pump units work either together to absorb peak loads or alternately, with the other pump unit on standby.

The compli 1000 is ready to plug in, submersible, and is made of polyethylene. The standard station is complete with an integrated swing-type check valve, making the use of "Y" pieces unnecessary.

The inlet height can be adapted depending on the inlet pipe:

- **DN** 100: 180-205 mm (left), 250-300 mm (centred) und 290-340 mm (right), each stageless
- DN 150/DN 50: 180 mm (left), 275 mm (centred) und 315 mm (right)

The compli 1200 with a large tank of 350 litres is the ideal solution for several dwellings, industrial plants or hospitals.

For higher waste water volumes (industrial and municipal uses) we have other suitable duplex units avail-

We can also supply disposal lifting stations with a stainless steel tank upon request.

The disposal lifting stations are LGA certified.

Ready to connect

Submersible

Stainless steel inlet flange

Duplex swing-type check valve



















Type compli	H max	Q max	Voltage	P ₁	P ₂	Cur- rent	Motor protection	Passage	Connection flange PN 10	Connec- ting pipe	Venti- lation
1010/4 BW	7.0 m	52 m³/h	3/N/PE~400 V	1.30 kW	1.00 kW	2.8 A	in the	70 mm	DN 80	DN 100	DN 70
1015/4 BW	9.5 m	69 m³/h	3/N/PE~400 V	2.20 kW	1.70 kW	3.9 A	in the cont-	70 mm	DN 80	DN 100	DN 70
1210/4 BW	7.0 m	52 m³/h	3/N/PE~400 V	1.30 kW	1.00 kW	2.8 A		70 mm	DN 80	DN 100	DN 70
1215/4 BW	9.5 m	69 m³/h	3/N/PE~400 V	2.20 kW	1.70 kW	3.9 A		70 mm	DN 80	DN 100	DN 70

Please refer to our homepage at www.jung-pumpen.de for additional pump systems.





JUNG PUMPEN COMPLIMULTICUT SEWAGE LIFTING STATIONS WITH CUTTING SYSTEM

For special applications

The sewage lifting station compli with the MultiCut cutting system has been specially developed for the sewage disposal from locations such as mobile sanitary facilities, toilets in production halls and toilets in weekend cottages, house boats and exhibition vehicles.

The MultiCut cutting system facilitates the pumping of sewage through small dimension discharge lines over long distances to the gravity sewer system. The discharge line can follow the surface terrain contours. In many cases this method of pumping sewage is more economical than using gravity sewers.

The externally located MultiCut cutting system combines a maximum of operational reliability with excellent pumping characteristics.

The inlet height can be adapted depending on the inlet pipe:

compli 100 DN 50: 150, 250 mm DN 100: 180, 250 mm

compli 500 and 1000 DN 150/DN 50: 180, 275 and 315 mm DN 100: 180-340 mm

Ready to connect

Submersible

Versatile connection options

Pumps with cutting system MultiCut









18 m³/h



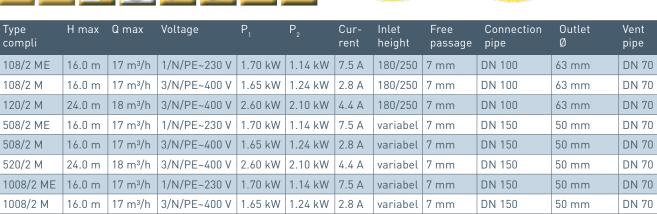


3/N/PE~400 V



2.60 kW





2.10 kW

4.4 A

7 mm

variabel

DN 150

50 mm

DN 70

24.0 m

1020/2 M





JUNG PUMPEN MULTICUT WASTEWATER PUMPS WITH CUTTING SYSTEM

Direct to the sewer

The cutting systems of the MultiCut range are particularly suited for pumping domestic wastewater through very small diameter pipes (DN 32). The pumps can be permanently installed in pressure drainage systems or to connect individual houses directly to the public sewer network. The adjustable cutting system on the outside of the pump prevents uncuttable solids from entering the pump itself. Thus the MultiCut pump guarantees maximum operational reliability with excellent pumping characteristics.

Maintenance friendly
Controllable Oilcamber
Integrated motor protection
Cutting system MultiCut

MultiCut 20/2 M plus

According to today's market demands the new **MultiCut 20/2 M** plus offers additional advantages:

- ▶ 10% less energy consumption
- 20% less weight as 25/2 M
- Impeller and changeable wearplate made from Grivory (glass fibre strengthened plastic)
- Improved wear characteristics with cavitation



Type UAK/UFK	H max	Q max	Voltage	P ₁	P ₂	Current	Motor protection	Cable	Device Fuse
20/2 M plus	24 m	18 m³/h	3/PE~230/400 V	2.40 kW	1.91 kW	4.0 A	Thermostat	H07 RN-F 6G 1.5	10 A
25/2 ME	24 m	17 m³/h	1/N/PE~230 V	2.70 kW	2.04 kW	12.0 A	Thermostat	H07 RN-F 6G 1.5	16 A
35/2 M	20-35 m	16 m³/h	3/PE~230/400 V	3.70 kW	3.04 kW	6.6 A	Thermostat	H07 RN-F 6G 1.5	10 A
36/2 M	25-38 m	16 m³/h	3/PE~230/400 V	4.20 kW	3.42 kW	7.3 A	Thermostat	H07 RN-F 6G 1.5	10 A
45/2 M	38-45 m	10 m³/h	3/PE~230/400 V	4.84 kW	3.93 kW	7.9 A	Thermostat	H07 RN-F 6G 1.5	10 A





JUNG PUMPEN PKS-B800 / SKS-B800

POLY SUMPS

The ideal combination

Whether for public or private ground drainage, for walking or driving over, PKS poly-sumps are the ideal solution for waste water and sewage disposal. It goes without saying that they are approved by the German Institute for Construction Engineering (DIBt). The poly-sumps of environmentally-friendly polyethylene are corrosion-resistant, very light, easy to clean, buoyancy-proof and ground water proof. Due to the compact construction dimensions, installation is quick and requires very little excavation work.

The sumps are supplied as ready-foruse pumping stations with all the fittings required. The coupling system to which the pump is simply connected up is located above the water level and facilitates installation and maintenance as a result.

Special convenience are provided by the PKS-B 800-32 and the new PKS-B 800-D32 (available from summer 2016) for the installation of two pumps) in combination with submersible sewage pumps MultiCut. Both sumps can be used in zones which must withstand the weight of vehicular traffic.

The above water coupling system in this sump uses the innovativ plastic polyphtalamide (PPA). The integrated swing-type check valve can be removed together with the pump which makes for easy maintenance and cleaning.

The combination of stainless steel and plastic materials used in the sumps makes the usual occurrence of corrosion a thing of the past. The DN 32 discharge branch enables pressure pipes with small dimensions to be used and therefore reduces the sewage residence time in the pressure pipe.

The new range SKS-B 800 can be used in combination with the drainage and submersible pumps U3 to US for the site drainage. The sumps are available as single- or double pump stations (available from summer 2016).

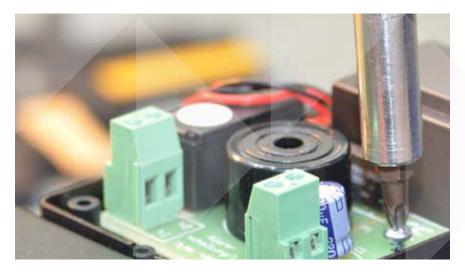
Suitable for traffic - PKSb 800 Suitable for traffic - SKS-B 800

Buoyancy-proof and ground water proof

Adjustable cutting system

Controllable oil chamber







JUNG PUMPEN AW3 / AWE | FTJP

ALARM DEVICES | RADIO TRANSMITTER

Enhanced safety

The alarm devices with washing machine cut-off provide additional safety when using pumps and pumping stations. If a critical water level is detected in the sump, an acoustic signal follows and the washing machine will be switched off.

Depending upon the location (sumps provided by the customer or JUNG PUMPEN chambers), alarm devices are fitted with suitable level contact such as submersible ball contact switches, reed switches or special electrodes.

Various models:

AW3 alarm device with washing machine cut-off with a submersible ball contact switch, separate, mains-dependent, with 3 m cable, for use in a pump sump.

AWE water level indicator with special electrode, mains dependent and 1.5 m cable. It alerts immediately to any sudden appearance of moisture on the floor. Recommended particularly when washing machines or dishwashers are located on the ground floor or upper storeys where there is no pump sump. (The alarm is triggered even at a water level of only approximately 1 mm).

Accessories.

For parallel connection of several washing machines or dishwashers to an alarm device, we recommend using an AWO alarm device.

This ensures that an alarm warning is given for all appliances even if there is a power failure, as it has a rechargeable battery.

All appliances connected to it will be switched off when the alarm is triggered.

Prevention of damage



Smart Home

NEW

Everyone is talking about networking technical devices with a smartphone. With the new FTJP radio transmitter, we offer the opportunity to link lifting stations, pumping stations and alarm devices with a potential-free output into a smart infrastructure. Gateways that support the EnOcean® radio protocol are able to communicate with the FTJP radio transmitter. The gateway provider's app can be used to programme the FTJP radio transmitter.

So if, for instance, a pump fails or water is detected in the cellar, it is possible to turn off the washing machine, close the cellar windows electrically and shut off the fresh water supply all at the same time. In addition, a Jung Pumpen pump can be activated to drain off the incoming water

The radio transmitter is the ideal complement to modern home communication systems such as smoke alarms, bur-

glar alarms, shutters and blinds, and lighting and heating systems.





JUNG PUMPEN

FORUM

Qualification

The Jung Pumpen FORUM is a place of communication and information, where we warmly invite you to.

With its highly modern facilities, it offers a wide range and challenging programme.

All year seminars, further education and qualifications designed for different target groups from industry, trade, municipalities and apprentices. In our own workshops feel free to get your hands on the pumps do practical tasks, or watch demonstrations of different types of installation.

In the **Technicum** submersible sewage pumps, sewage lifting stations and pressure drainage technology are shown in operation and combined with different waste water systems.

It is a good possibility to ask questions and to get answers, but also to discuss new ideas and tips. Communication we all profit from.

Currently a modern waste water installation is being invested in. Different pump stations are connected with modern control units and demonstrate realistic operation. Additionally, experience a close up demonstration of a sewage system, which realistically shows leakage tests and camera operation.

Enjoy good food in our own cafeteria, allowing you to exchange ideas with colleagues, friends and other participants.

Benefit from our offer and ask for a copy of our seminar brochure.

We are looking forward to your visit.







JUNG PUMPEN GmbH

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