

**MOVING
MUD
AND
WATER**



2025
rössle

Vacuum cleaners for fire departments

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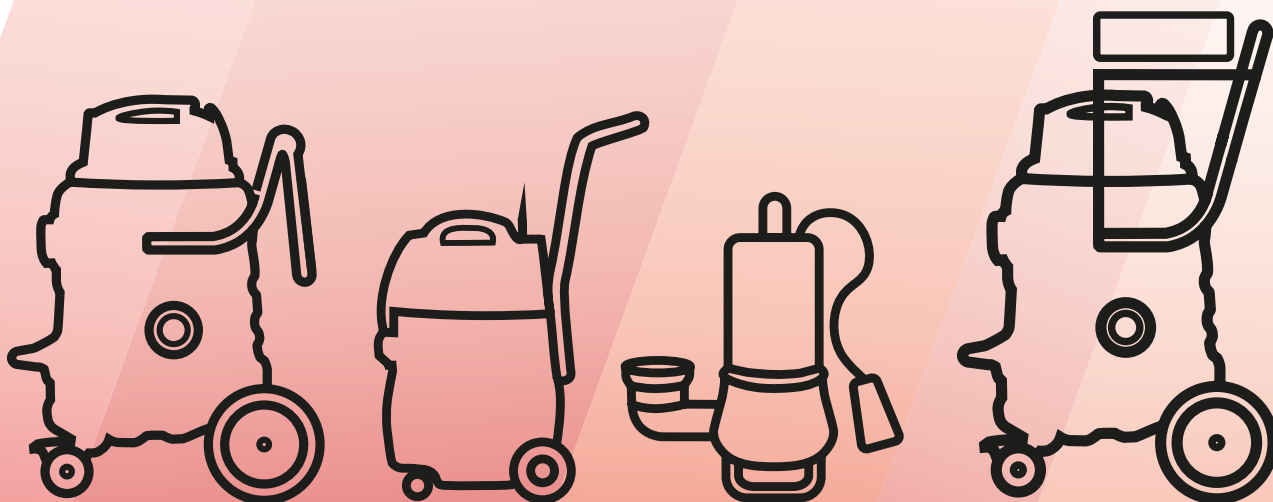


THE RIGHT TOOLS FOR TOUGH OPERATIONS

Heavy Rain, Flooding, and High Water
Unfortunately, headlines about heavy rain, flooding, and rising water levels are appearing more frequently in the media. Few regions remain untouched by these natural disasters. Even areas far from rivers or creeks are increasingly experiencing such events. For firefighters, this means facing new challenges, often involving lengthy and strenuous rescue and cleanup operations. For municipalities, cities, and communities, this highlights the growing need to invest in modern technical equipment. At Rössle AG, we have been recognized for decades as a specialist manufacturer of vacuum cleaners

for fire departments. We continually expand our product portfolio, ensuring all equipment meets the highest standards of ergonomics and safety. With our extensive warehouse, we can guarantee short delivery times and exceptional service. Discover the right equipment for your water and mud operations in the 2025 Rössle Fire Department Catalog!

Team Rössle



// HYDRA

HYDRA



HYDRA – THE HIGH-PERFORMANCE FD VACUUM CLEANER

Reliability, great flexibility in use and endurance properties proven over many years are the strengths of the HYDRA FD vacuum cleaner from RÖSSE AG.

Ideally matched components enable a stable and compact design. The device convinces with a robust tank and a powerful suction head. Optimized handles as well as large wheels result in excellent transportability.

The suction turbine installed in the suction head has a suction capacity of up to 20,000 l/h. The sewage pump in the tank not only moves normal water, but also transports and pumps heavily polluted, contaminated water

and sludge with a blockage-free solid passage of 42 mm.

As a real all-rounder, the HYDRA FD vacuum cleaner is the solution for the real problems.

- Tremendous handiness and excellent rolling features
- Large 70 l tank
- Robust materials and compact design
- 12 m long suction and drain hoses
- Hose reinforcement for the suction hose
- Continuous operation with 5 kVA DIN generators
- High chemical resistance



HYDRA Vacuum cleaner for fire departments

- No service-intensive electronics
- Cable length 10 m incl. a 16 A Schuko type plug; protection class IP68 with bayonet retaining ring and protective cover
- Personal protection switch
- Working noise of 64 dB (A)

SET INCLUDES:

- HYDRA FD vacuum cleaner
- 12 m suction hose, dimensionally stable
- 12 m drain hose, dimensionally stable
- Suction pipe, 2-piece, ø 50 mm
- Aluminium floor nozzle

Optional accessories:

- Residual current circuit breaker (PRCD or PRCD-S+)



| TECHNICAL DATA | Item No. HYD2000 |
|---------------------------------|-----------------------------|
| SUCTION CAPACITY | 20,000 l/h |
| OSM-TURBINE POWER | 1,200 Watt |
| SEWAGE PUMP POWER | 1,500 Watt |
| WEIGHT (WITHOUT ACCESSORIES) | 33 kg |
| SUCTION HOSE AND DRAIN HOSE | 12 m each, ø 50 mm |
| DIMENSIONS WITH FOLDED HANDLE | 47 x 60 x 84 cm (W x D x H) |
| DIMENSIONS WITH EXTENDED HANDLE | 47 x 60 x 97 cm (W x D x H) |



/ HYDRA-BOY

HYDRA-BOY



HYDRA-BOY – THE SMALL POWERHOUSE

With its flexibility and excellent manoeuvrability, the HYDRA-BOY FD vacuum cleaner is convincing even in the tightest of spaces.

In relation to its low weight and space-saving dimensions, the most compact FD vacuum cleaner in the HYDRA series has a powerful sewage pump and a powerful suction turbine with a suction capacity of 8,000 l/h.

With a suction passage of 30 mm, the HYDRA-BOY can easily cope with mud and small stones. Inside, the unit has a tear-resistant, easy-to-empty mesh bag that collects coarse solids sucked in, protecting the sewage water pump. Its long

suction and drain hoses provide a wide range of applications with plenty of room for manoeuvre. The extensive accessories with versatile application possibilities make the HYDRA-BOY a strong helper in an emergency.

- Flexibility and perfect handiness in the tightest of spaces
- Low operating weight
- 45 l tank
- Sturdy and compact design
- 10 m long suction and drain hoses
- No service-intensive electronics
- Cable length 10 m incl. Schuko type plug; protection class IP68

HYDRA-BOY Vacuum cleaner for fire departments

- Personal protection switch
- Extensive accessory package
- Working noise of 82 dB (A)

SET INCLUDES:

- HYDRA-BOY FD vacuum cleaner
- Suction pipe, 4-piece, Ø 38 mm
- 10 m suction hose, dimensionally stable
- 10 m drain hose, dimensionally stable
- Transparent nozzle
- Aluminium floor nozzle
- Plastic floor nozzle
- Joint nozzle
- Suction brush

Optional accessories:

- Residual current circuit breaker (PRCD or PRCD-S+)



| TECHNICAL DATA | Item No. HYD1001 |
|-------------------------------|-----------------------------|
| SUCTION CAPACITY | 8,000 l/h |
| TURBINE POWER | 1,200 Watt |
| PUMP POWER | 900 Watt |
| WEIGHT (WITHOUT ACCESSORIES) | 18 kg |
| SUCTION HOSE AND DRAIN HOSE | 10 m each, Ø 38 mm |
| DIMENSIONS WITHOUT HANDLE BAR | 46 x 49 x 64 cm (W x D x H) |
| DIMENSIONS WITH HANDLE BAR | 46 x 66 x 85 cm (W x D x H) |



HYDRA-Z



In the stackable storage box with lockable lid, the contents of the additional package are ideally protected from dust and dirt and can always be quickly removed or stowed away.

HYDRA-Z – BE READY FOR SPECIAL APPLICATIONS

Rössle AG has developed an additional package for the HYDRA FD vacuum cleaner especially for the needs of company and plant fire departments: HYDRA-Z.

Shouldered in a removable box with lid directly on the HYDRA, the accessories include nozzles, a hose and stainless steel suction tubes in oil-resistant quality. The Storz connections on the tank of the FD vacuum cleaner can be closed with the blind coupling and the ball valve in order to be able to safely transport small quantities of vacuumed liquid in the tank of the unit for disposal.

Coolant spillage or hydraulic oil are a frequent occurrence, especially in industrial production facilities. With

the HYDRA-Z you are fully prepared for these type of applications.

SET INCLUDES:

- HYDRA FD vacuum cleaner
- Storage box with lid
- Oil-resistant suction hose with C-coupling, length 4 m
- 2-piece stainless steel suction pipe, Ø 40 mm
- Mobile floor nozzle, Ø 40 mm
- Plastic joint nozzle
- Blank coupling and ball valve for closing the connections on the suction and drain side

HYDRA-Z (HYDRA INCL. ADDITIONAL PACKAGE, STORAGE BOX AND MOUNT)

| TECHNICAL DATA | Item No. HYDZ |
|----------------------------------------------------|------------------------------|
| TOTAL WEIGHT (HYDRA, BOX WITH EQUIPMENT AND MOUNT) | 46 kg |
| DIMENSIONS (INCL. BOX AND MOUNT) | 60 x 63 x 108 cm (W x D x H) |

COMPACT ADDITIONAL PACKAGE

The additional package, consisting of storage box and equipment, is also available separately without the HYDRA FD vacuum cleaner. Due to the handy, standardised dimensions of the storage box, it can be easily accommodated in emergency vehicles. Mobile containers can also be equipped with the box accordingly. For operations involving oil spills, the additional package is the perfect complement to the HYDRA FD vacuum cleaner.

SET INCLUDES:

- Storage box with lid
- Oil-resistant suction hose with C-coupling, length 4 m
- 2-piece stainless steel suction pipe, Ø 40 mm
- Mobile floor nozzle, Ø 40 mm
- Plastic joint nozzle
- Blank coupling and ball valve for closing the connections on the suction and drain side

ADDITIONAL PACKAGE WITH BOX (WITHOUT VACUUM CLEANER AND MOUNT)

| TECHNICAL DATA | Item No. HYD1005 |
|------------------------|-----------------------------|
| WEIGHT | 10 kg |
| DIMENSIONS STORAGE BOX | 60 x 40 x 22 cm (W x D x H) |
| MATERIAL STORAGE BOX | Polypropylene |

HYDRA-Z Vacuum cleaner for fire departments



Oil-resistant suction hose with C-coupling



2-piece stainless steel suction pipe, Ø 40 mm



Mobile floor nozzle Ø 40 mm



Plastic joint nozzle



Blind coupling and ball valve



HARD FACTS



HYDRA



HYDRA-BOY



HYDRA-Z

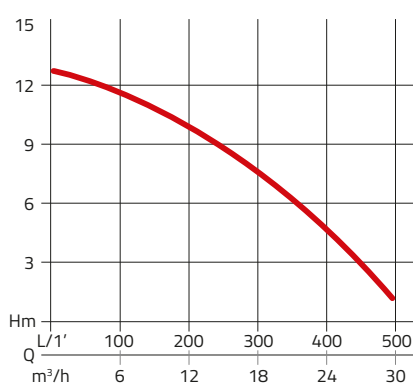
SPACE-SAVING DIMENSIONS

Compact measures are as valuable in the emergency vehicle as they are at the place of use. Here you will find all the important data on the individual

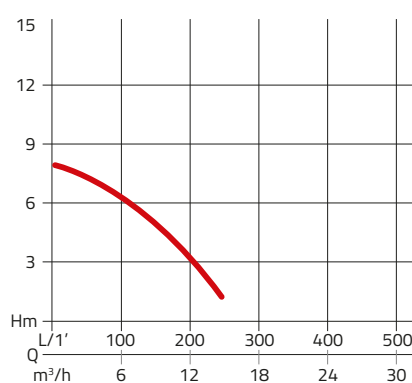
devices. Please note that the wheels are integrated into the tank body so that the vacuum cleaner is as slim as possible. The height of the HYDRA

can be significantly reduced by simply folding in the handle. Many well-positioned holders facilitate loading and unloading.

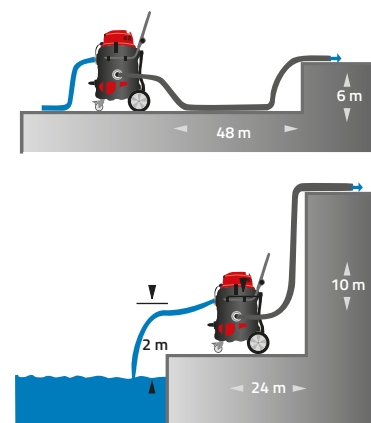
PUMP CHART HYDRA



PUMP CHART HYDRA-BOY



PUMP PARAMETERS HYDRA



HYDRA and HYDRA-BOY FD vacuum cleaners are characterised by their enormous pumping capacity. The diagrams show the pump capacity in m³ per hour in relation to the respective pumping height.

These specifications make it clear that the HYDRA-BOY can even pump up from an underground car park with ease. The combination of a very compact design with powerful aggregates is convincing in practice.

The diagram above shows the possible suction and pumping heights. You can also see the possible hose length on the pump-out side.



IP68 plug and personal protection switch



Check valve and sewage pump



C-coupling suitable for fire hoses



Electrical testing according to DIN



Aluminium floor nozzle and 2-piece suction tube ø 50 mm



Mechanical suction power regulation



The HYDRA is characterised by many well thought-out and useful details that facilitate transport and use. During the construction, the focus was placed on the functional and safety-relevant parts, which can be seen in the pictures. In addition, any form of electronics was deliberately omitted.

You will receive the HYDRA and the HYDRA-BOY with the DIN VDE 0701-0702 tests in accordance with DGUV regulation 3, including a test badge.

FLEXIBLE HANDLE

The flexible handle reduces the height by 13 centimetres, which saves space when loading. Likewise, an angled handle can be advantageous during use, e.g. when carrying over stairs. A press of the thumb on the articulated buttons is all that is needed to select the desired grid position.



The rubberised and slip-resistant grip area is easy to hold even at low temperatures. The entire operating procedure can be done easily, even with gloves on.



Saugen

 **HYDRA**
Feuerwehrsauger

rössle



PRE-SEPARATOR



PRE-SEPARATOR ULTRA – YOUR UNIVERSAL OPERATION AID

When materials and liquids need to be cleaned and filtered during operations before they are discharged into sewer systems or bodies of water, the pre-separator ULTRA is indispensable equipment for fire departments.

Mounted in front of the suction side of the FD vacuum cleaners of the HYDRA series, the pre-separator ULTRA of Rössle AG separates everything that has to be filtered during high water operations, floods, water pipe bursts or other operations. Separation of large

solids takes place by gravity – sucked in suspended parts sink in the tank and remain at the bottom. By filtration with the perforated filter sieve made of stainless steel and the sponge filter, coarse particles are stopped before they reach the FD vacuum cleaner. This effectively prevents blockages in the suction unit of the FD vacuum cleaner.

The pre-separator ULTRA is also ideally suited for use in the event of oil spills. For example, oil binding agents or other granulates are sucked in and filtered out in the pre-

separator before they reach the FD vacuum cleaner. The contaminated material in the container can thus be disposed of at the appropriate collection points after use. Depending on the duration of use, intermediate emptying may be necessary. In this case, additional containers provide relief and allow the work to continue.

The pre-separator ULTRA can be optionally equipped with a pneumatic chassis, which not only significantly improves mobility, but also facilitates easy emptying / disposal of the accumulated liquids and materials after use.

PRE-SEPARATOR ULTRA

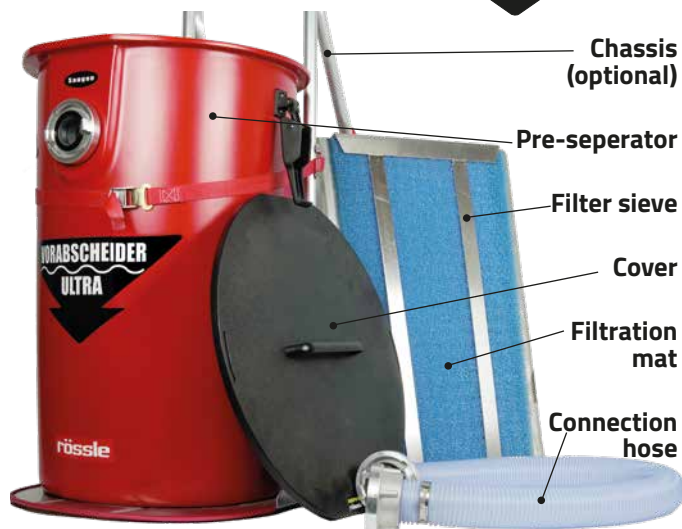
| TECHNICAL DATA | Item No. HYDRED127 |
|-----------------|--------------------------------------------|
| MATERIAL | GRP |
| TANK CAPACITY | 90 litres |
| SPONGE FILTER | PPI 10T/PUR-Ether |
| FILTER SIEVE | Stainless steel, 22mm perforation diameter |
| WEIGHT | 20,5 kg |
| CONNECTION HOSE | 1 m, ø 50 mm, 2x Storz-C-connection |
| DIMENSIONS | 52 cm x 74 cm (D x H) |

- Large 90 l tank
- Robust materials and compact design
- Minimised wear and tear
- 1 m long connection hose

The optional chassis with pneumatic tyres makes your task much easier and maximises the mobility of the pre-separator ULTRA.



Pre-separator with associated equipment



**PRE-SEPARATOR
ULTRA**

Chassis
(optional)

Pre-separator

Filter sieve

Cover

Filtration
mat

Connection
hose

OPTIONAL CHASSIS FOR THE PRE-SEPARATOR ULTRA

| TECHNICAL DATA | Item No. HYDRED128 |
|-----------------------|------------------------------------|
| MATERIAL | Aluminium |
| TYRES | Treaded pneumatic tyres |
| WEIGHT | 7.5 kg |
| MAXIMUM LOAD CAPACITY | 250 kg |
| DIMENSIONS | 48 cm x 70 cm x 118 cm (W x D x H) |



HYDRA SWAP



HYDRA SWAP – EFFICIENT REMOVAL OF CONTAMINATED MATERIAL

Operations of fire services are often related to environmentally hazardous liquids such as mineral oils, fuels or chemicals that have leaked. In these cases, it is important to act quickly and effectively to prevent the spill from spreading and having a largescale impact on the environment.

The new Multi-Skimmer HYDRA SWAP (**S**wimming **W**ater **A**pplication **P**rotection) for the removal of oil and contaminated material is used in combination with the internationally proven FD vacuum cleaner HYDRA (see p. 4/5) and the pre-separator ULTRA (see p. 14/15). The sequence of these devices makes it much easier to extract the undesirable materials from water surfaces.

The suction chamber of the skimmer is placed in a float, through which the device floats on the water surface. The skimmer is designed to adapt to the water level. Surface water as well as floating materials are sucked up via the connected suction hose. With the extendable telescopic rod, the skimmer can be easily guided on the water surface. If required, two skimmers can also be operated with one HYDRA FD vacuum cleaner, either in parallel operation or operated separately from each other. With the HYDRA SWAP, you are optimally equipped for sensitive applications with contaminated materials.

- The skimmer floats on the water surface thanks to the compact float
- Water level compensation for optimum suction performance
- 200 x 40 mm suction opening
- Optional suction hose extension for increased range
- Parallel operation of a second skimmer in the system possible
- Easy transport
- Low weight

SET INCLUDES:

- HYDRA SWAP Multi-Skimmer
- Extendable GRP telescopic rod (1.6 - 3.0 m)
- 12 m suction hose, dimensionally stable, with 2x C-Storz coupling and 90° bend C-Storz for hose connection

APPLICATION OF THE HYDRA SWAP

In operation, the Multi-Skimmer HYDRA SWAP is connected upstream of the device combination consisting of the FD vacuum cleaner HYDRA and the pre-separator ULTRA, in which the individual devices are connected to each other by the suction hoses. The suction power is provided by the FD vacuum cleaner.

The liquids are sucked into the suction chamber of the skimmer via the suction opening and from there are led to the pre-separator ULTRA via the floatable suction hose connected to the C-coupling. The oil and contaminated materials are separated in the pre-separator

(see p.14 for the filter effect of the pre-separator ULTRA). Sucked-in water passes from the pre-separator to the FD vacuum cleaner via the connecting hose. The stainless steel sewage pump located in the tank of the FD vacuum cleaner ultimately pumps the sucked-in liquid via the discharge hose to the desired discharge or disposal location.

The contaminated material, which is collected in the tank of the pre-separator, can be disposed of at the appropriate collection points after use.

No extra accessories are required for the use of the previously described equipment combination. All hoses



used for the connection are already included in the respective sets when purchasing the Multi-Skimmer, the HYDRA FD vacuum cleaner and the pre-separator ULTRA. Optionally, the range of the skimmer on the water surface can be increased with an optionally available 12 m suction hose extension.

| TECHNICAL DATA | Item No. HYDSK00 |
|-----------------|-----------------------------------------------------------------------------------------------------|
| HOSE CONNECTION | C-Storz |
| WEIGHT | 8 kg |
| FLOAT MATERIAL | Polyethylen |
| DIMENSIONS | 60 x 45 x 18 cm (B x T x H) |
| POSSIBLE USES | When the application area gets bigger, its possible to operate to skimmers with one vacuum cleaner. |



Bottom of the HYDRA SWAP Multi-Skimmer with 360° rotatable 90° bend C-Storz for the hose connection.



OUR PRODUCTS FOR FIRE DEPARTMENTS



UNIVERSAL SQUEEGEE

HYDRA-Z
HYDRA with additional
package, storage box
and mount

SUBMERSIBLE PUMPS
Series TERA and ROSS

HYDRA SWAP
Multi-Skimmer

POTENT AIDS TO COMBAT WATER!

Benefit from our comprehensive product range, which we are constantly developing for you with the appropriate know-how and years of experience.

Innovations and close customer contact promote the constant growth of our product range with new products that actively support you in your operations.

AB-WASSER

FEUERWEHR
MARKTOBERDORF



GRP PRE-SEPARATOR
with optional
pneumatic chassis



HYDRA



HYDRA-BOY



MOBILE CONTAINER
Reference model
option / equipment
combination HYDRA
and pre-separator

SUBMERSIBLE PUMPS



SEWAGE / SUBMERSIBLE PUMPS OF THE SERIES TERA AND ROSS

They are indispensable for fire departments during water-related operations: efficient and robust sewage pumps and submersible pumps that easily and quickly pump out water masses and the suspended solids they contain. In the TERA and ROSS pump series, Rössle AG offers sewage and submersible pumps with which you are ideally equipped depending on the application requirements.

The pumps can be used for a wide range of applications: the range covers the requirements for floods, heavy rainfall, flooding with heavily contaminated water or hail events as well as the demand for water supply and distance bridging.

Pumps for overcoming larger height differences and shallow suction pumps for removing residual water down to a low water level of a few millimetres are also available.

The sewage pumps with a grain diameter of up to \varnothing 35 mm are ideally suited for use with water contaminated with solids.

The combination of our vacuum cleaners for fire departments and the available pumps makes your operations easier and enables you to tackle water masses even faster. With the sewage and submersible pumps from Rössle AG, your fire department is ideally equipped for all water-related operations.

TERA SERIES INCLUDES:

- All pumps in the TERA series are suitable for sewage with impurities and suspended solids
- Pump for supplying water and bridging distances
- Pump for bridging heights

ROSS SERIES INCLUDES:

- Pumps for flat suction down to a residual water level of a few millimetres
- Pump for supplying water and bridging distances
- Pump for bridging heights
- Pump for use in the chemical and food industry



SUBMERSIBLE PUMPS

Vacuum cleaner for fire departments

SUBMERSIBLE PUMPS TERA SERIES

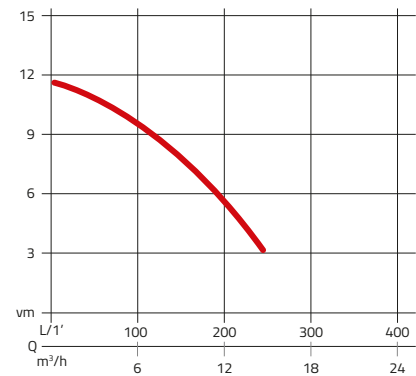
KILO



| TECHNICAL DATA | Item No. HYDZ001 |
|------------------|---------------------------------|
| PUMPING CAPACITY | 240 l/min // 14,400 l/h |
| PUMP POWER | 1,000 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 30 mm |
| WEIGHT | 9 kg |
| MATERIAL | Moplen, noryl, stainless steel |
| DIMENSIONS | 26 x 38 cm (D x H) |

- Connection: C-Storz coupling
- Sturdy and compact design
- For stationary and mobile use
- Easy transport
- Incl. float switch
- 230 V 50 Hz alternating current
- Cable length of 10 m
- Insulation class F, IP68 protection

PUMP CHART KILO



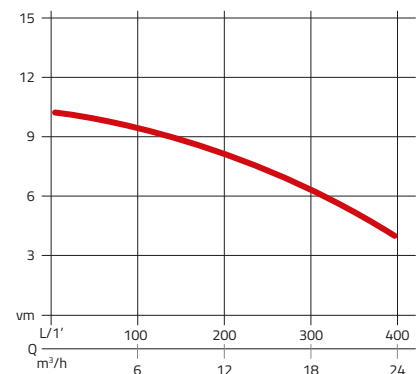
MEGA



| TECHNICAL DATA | Item No. HYDZ002 |
|------------------|---------------------------------|
| PUMPING CAPACITY | 400 l/min // 24,000 l/h |
| PUMP POWER | 1,400 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 35 mm |
| WEIGHT | 12 kg |
| MATERIAL | Stainless steel |
| DIMENSIONS | 30 x 38 cm (D x H) |

- Connection: C-Storz coupling
- Sturdy and compact design
- For stationary and mobile use
- Easy transport
- Incl. float switch
- 230 V 50 Hz alternating current
- Cable length of 10 m
- Insulation class F, IP68 protection

PUMP CHART MEGA



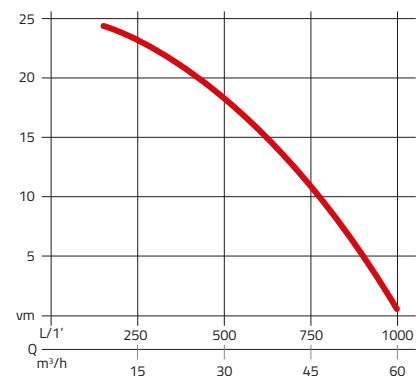
TERA



| TECHNICAL DATA | Item No. HYDZ004 |
|------------------|----------------------------|
| PUMPING CAPACITY | 1,000 l/min // 60,000 l/h |
| PUMP POWER | 4,000 Watt |
| VOLTAGE | 3~ 400 V three-phase 50 Hz |
| GRAIN SIZE | 11 mm |
| WEIGHT | 50 kg |
| MATERIAL | Stainless steel, chrome |
| DIMENSIONS | 24 x 57 cm (ø x H) |

- Connection: B-Storz coupling
- Solid and robust construction
- Excellent for large water volumes, supplying water and for bridging heights
- 3~ 400 V three-phase 50 Hz
- Max. pumping pressure of 2,4 bar
- Cable length of 10 m
- Insulation class F, IP68 protection

PUMP CHART TERA



The diagrams show you the pumping capacity of the Rösle submersible pumps KILO, MEGA and TERA in m³ per hour in relation to the pumping height.

SUBMERSIBLE PUMPS ROSS SERIES

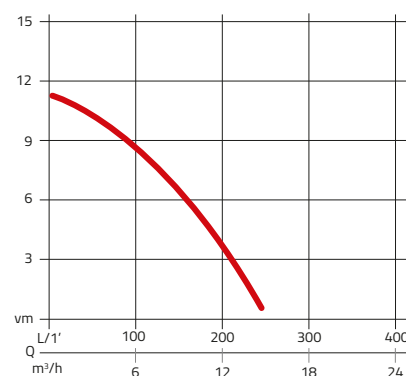
FLAT-ROSS



| TECHNICAL DATA | Item No. HYDZ007 |
|------------------|------------------------------------------------|
| PUMPING CAPACITY | 240 l/min // 14,400 l/h |
| PUMP POWER | 400 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 6 mm |
| WEIGHT | 13 kg |
| MATERIAL | Cast iron, aluminium, stainless steel, plastic |
| DIMENSIONS | 23 x 32 cm (ø x H) |

- Connection: C-Storz coupling
- Stable and compact construction
- Effective flat suction down to a low water level of 1-2 mm
- Residual water extraction
- 230 V 50 Hz alternating current
- Cable length of 10 m
- Insulation class F, IP68 protection
- Dirt water ring for vacuuming contaminated water

PUMP CHART FLAT-ROSS



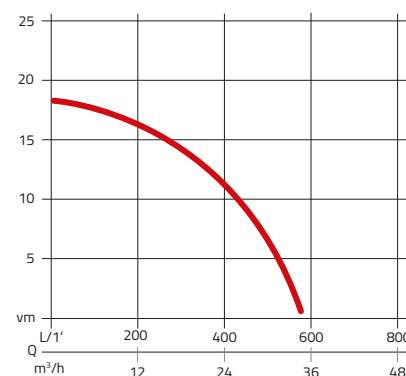
C-ROSS



| TECHNICAL DATA | Item No. HYDZ006 |
|------------------|---------------------------------|
| PUMPING CAPACITY | 570 l/min // 34,200 l/h |
| PUMP POWER | 1,500 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 8 mm |
| WEIGHT | 19 kg |
| MATERIAL | Stainless steel |
| DIMENSIONS | 17 x 48 cm (ø x H) |

- Connection: C-Storz coupling
- Stable and robust construction
- Excellent for bridging heights
- Suitable for use in the chemical and food sector (pH 5-8)
- 230 V 50 Hz alternating current
- Cable length of 20 m
- Insulation class F, IP68 protection

PUMP CHART C-ROSS



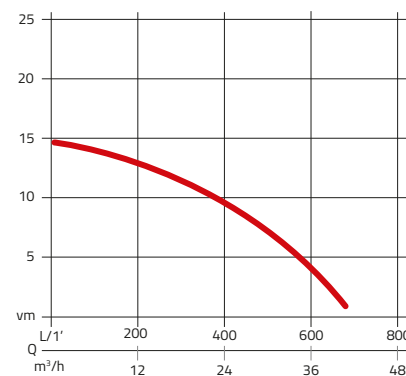
B-ROSS



| TECHNICAL DATA | Item No. HYDZ005 |
|------------------|------------------------------------|
| PUMPING CAPACITY | 670 l/min // 40,300 l/h |
| PUMP POWER | 1,500 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 9 mm |
| WEIGHT | 35 kg |
| MATERIAL | Cast iron, stainless steel, chrome |
| DIMENSIONS | 30 x 58 cm (ø x H) |

- Connection: B-Storz coupling
- Stable and robust construction
- Excellent for large water masses and water supply
- Flat suction possible with removable flat suction ring
- 230 V 50 Hz alternating current
- Cable length of 20 m
- Insulation class F, IP68 protection

PUMP CHART B-ROSS



The diagrams show you the pumping capacity of the Rössle submersible pumps FLAT-ROSS, C-ROSS and B-ROSS in m³ per hour in relation to the pumping height.

PUMP OPTIONS

FLAT-ROSS DIRT WATER RING

NEW



The dirt water ring makes the submersible pump FLAT-ROSS even more flexible. The pump is no longer only specialist for flat suction. With the ring, it becomes a proper dirt water pump. The removable ring is made out of anodized aluminium. It is simply attached to the underside of the pump with a bayonet lock. This prevents the pump from clogging when dirt or leaves are sucked in. (Dirt water ring can be retrofitted to any FLAT-ROSS pump already purchased)

B-ROSS FLAT SUCTION RING



With the flat suction ring from the B-ROSS pump, it is possible to pump down to a water level of only a few millimeters. The ring is made out of rubber and can easily be mounted or dismounted by only pulling it over the suction part of the pump. The ring is part of the standard package and is included with every B-ROSS pump.



Optional horizontal or vertical mouting

ROTATABLE C-STORZ MOUNT

Rotating the connections makes the FLAT-ROSS and B-ROSS submersible pumps even more flexible. The hose can now be connected at a 90-degree angle to the pump. This can be a great advantage, especially when used in particularly confined spaces.

The FLAT-ROSS pump is also 1.5 cm lower in height, making it even more compact.





WATER RESCUE BOX



YOUR NEW RELIABLE ASSISTANCE KIT FOR FLOODS AND INUNDATIONS

Flooded basements and premises are an increasingly common occurrence due to the rising number of floods and heavy rainfall events. When water enters basements and premises, the only option is to pump out the water as quickly as possible to prevent major damage. With the Water Rescue Box, we provide you with a reliable and immediately ready-to-use rescue kit with which you can quickly combat the water masses.

The individual components of the Water Rescue Box are stored in a robust, standardised and stackable plastic box with a lockable lid - protected from dirt and dust. In addition to the pump, a 3 m dimensionally stable hose, a 15 m fire hose, size C42, a PRCD personal protection switch as well as a retaining rope and a coupling

key are included.

The Water Rescue Box is available in two versions with different integrated pumps:

OPTION

SEWAGE PUMP MEGA:

- For applications with coarse solids
- Incl. float switch
- Grain size \varnothing 35 mm
- 230 V 50 Hz alternating current
- Cable length of 10 m
- Insulation class F, IP68 protection

OPTION

FLAT SUCTION PUMP FLAT-ROSS:

- For effective flat suction down to a low water level of 1-2 mm
- Dry run safe and suitable for continuous operation
- 230 V 50 Hz alternating current
- Cable length of 10 m
- Insulation class F, IP68 protection

With the Water Rescue Box, you benefit from a reliable and effective assistant tool that allows you to quickly and easily remove water ingress.

SET INCLUDES:

- Pump depending on option
- Dimensionally stable hose, 3 m
- Fire hose, C42, 15 m
- PRCD personal protection switch
- Retaining rope, 20 m
- Coupling spanner



Contents of the **MEGA** option

Contents of both options

Contents of the **FLAT-ROSS** option

All components of the Water Rescue Box can be stored quickly and easily in the lockable plastic box. The individual components are optimally protected from dust and dirt in the standardised, stackable box. When needed, the pump, hoses etc. can be quickly removed and connected.

WATER RESCUE BOX

| TECHNICAL DATA | Item No. with MEGA: | HYDWRB1 |
|-----------------------------|-----------------------------|---------|
| | Item No. with FLAT-ROSS: | HYDWRB2 |
| WEIGHT DEPENDING ON VARIANT | Option MEGA: 24 kg | |
| | Option FLAT-ROSS: 25 kg | |
| BOX MATERIAL | Polypropylene | |
| DIMENSIONS | 60 x 40 x 32 cm (W x D x H) | |



| TECHNICAL DATA PUMPS | SUBMERSIBLE PUMP MEGA | FLAT SUCTION PUMP FLAT-ROSS |
|------------------------|---------------------------------|---------------------------------|
| PUMPING CAPACITY | 400 l/min // 24,000 l/h | 240 l/min // 14,400 l/h |
| PUMP OUTPUT | 1,400 Watt | 400 Watt |
| VOLTAGE | 230 V 50 Hz alternating current | 230 V 50 Hz alternating current |
| MAX. DELIVERY PRESSURE | 1 bar | 1,1 bar |



MOBILE CONTAINER



MOBILE CONTAINER RÖSSLE – INDIVIDUAL SOLUTIONS FOR EMERGENCIES

Just as individual and flexible as the operational needs of the fire departments - the individually equipped mobile container from Rössle AG.

The mobile container made of anodised aluminium profiles can be equipped with various combinations of the HYDRA series such as HYDRA and HYDRA-BOY as well as the pre-separator ULTRA and our pumps by means of individually adjustable guide rails. The corresponding accessories can also be stowed safely and are immediately within reach.

To ensure safe handling while providing maximum mobility, the mobile container is equipped with two ball-bearing swivel castors, two ball-bearing fixed castors with drum brakes and dead man's function

as well as a foot-operated parking brake.

Specially adapted and equipped to the requirements of each fire department, the mobile container is the ideal equipment to be able to move out and help immediately in the event of an emergency.

- Individual loading adapted to customer requirements
- Stable and durable construction made of high-strength aluminium profiles
- Platforms made of weatherproof plywood
- Ergonomic operation via a continuous handle bar with non-slip and cold-insulating soft-grip coating

- Two swivel castors with ball bearings with central wheel and swivel head adjuster for optimum handling characteristics
- Two fixed castors with ball bearings with drum brake and dead man's function. Insensitive to dust, moisture and oil
- Foot operated parking brake
- Recess in the base plate along with a safety strap for an optional hose basket for C-hoses
- Optionally available with bracket for multi-skimmer
- Optionally available with forklift pockets



**MOBILE
CONTAINER**

**Rössle FD vacuum
cleaners**

TAILOR-MADE TO YOUR NEEDS

The mobile container offers you versatile and customised options for individual configuration. In addition to the storage spaces for the devices of the HYDRA series as well as the accessories in the upper tray, there is optional space for storage boxes, the pumps, the Multi-Skimmer HYDRA SWAP or our additional package for oil inserts.

On the outside, additional storage space has been created for the suction pipes, the universal squeegee as well as the telescopic rod of the Multi-Skimmer.

The construction was designed with weatherproof plywood to save weight. One side wall of the of the upper tray can be folded down for easy and ergonomic loading and unloading.



| TECHNICAL DATA | Item No. HYD1010 (INDIVIDUALLY EQUIPPED) |
|-----------------------|------------------------------------------|
| MATERIAL | Aluminium and weatherproof plywood |
| MAX. LOADING CAPACITY | 500 kg |
| WEIGHT | approx. 90 kg |
| DIMENSIONS | 80 x 120 x 180 cm (W x D x H) |



Option
HYDRA, HYDRA



Option
HYDRA-BOY, HYDRA-BOY



Option
HYDRA, HYDRA-BOY

UNIVERSAL SQUEEGEE



SIMPLY MOVE AWAY DIRT, LIQUIDS AND CO.

When dirt and liquids need to be removed during operations, the universal squeegee replaces conventional brooms and rubber sliders and delivers the desired result thanks to its versatility.

The removal of water, fire extinguishing foam, oil binder and other soiling, such as glass and chips, is enormously facilitated by

the alternately applicable sliding strips on any surface. Even on irregular surfaces, excellent results are achieved since the flexible sliding strips adapt to the floor and do not tilt. The universal squeegee is the perfect addition to our product range.

- Option with anti-static natural bristle broom Piassava
- For the removal of a wide variety of soiling in solid and liquid form
- High chemical resistance
- Telescopic GRP rod
- Due to the protective shield shape of the thrust surface, liquids are directed in the pushing direction



RUBBER BAR

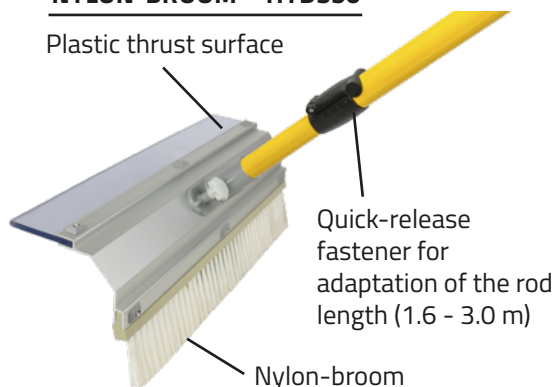
For pushing liquids

**MULTI
SCHIEBER®**



BROOM BAR

For sweeping contamination

NYLON-BROOM – HYDS50**PIASSAVA-BROOM – HYDS51****UNIVERSAL SQUEEGEE**

| TECHNICAL DATA | Item No. HYDS50 // HYDS51 |
|----------------|------------------------------------------|
| BROOM STRIP | Nylon broom or Piassava natural bristles |
| MATERIAL | Plastic, GRP, aluminium |
| WEIGHT | 2.2 kg |
| DIMENSIONS | 168 x 50 x 25 cm (H x L x D) |






SPAREPARTS

| Item No. | Description |
|----------|------------------------|
| HYDMS12 | Nylon broom |
| HYDMS13 | Plastic thrust surface |
| HYDMS14 | Piassava-bristal broom |














ACCESSORIES WATER RESCUE BOX

ACCESSORIES WATER RESCUE BOX

| Item No. | Product name | Product description |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HYDWRB-07  | Dimensionally stable hose, 3 m, 2x C-Storz coupling | The dimensionally stable hose enables the medium to be removed to be pumped out by the Water Rescue Box pump without any problems. |
| HYDRED136  | Fire hose C42, 15 m, 2x C-Storz coupling | The medium to be removed can be transported to the desired drainage point using the 15 m fire hose. The fire hose serves as an extension to the dimensionally stable hose of the Water Rescue Box. |
| HYDWRB1-1  | PRCD personal protection switch, 3 m length | The PRCD personal protection switch incl. 3 m cable and IP68 connections protects against possible hazards caused by faulty electrical installations. |
| HYDWRB-06  | Retaining rope / multi-purpose rope, 20 m, ø10 mm, with snap hook | The pump of the Water Rescue Box can be safely lowered into shafts and narrow openings or secured using the multi-purpose rope. |
| HYDWRB-03  | Coupling spanner, B / C | Coupling spanner for sizes B and C for opening and closing Storz couplings. |







ACCESSORIES HYDRA

| ACCESSORIES HYDRA | | |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item No. | Product name | Product description |
| HYDRED113  | Aluminium floor nozzle | The HYDRA floor nozzle has a width of 500 mm and a diameter of 50 mm. It also has individually height-adjustable castors. |
| HYDRED114  | Suction pipe | The two-piece PVC suction pipe with a 45° bend and a diameter of 50 mm enables an ergonomic working application. |
| HYDRED117  | Ball valve C-Storz with blockage free / full passage | The size C ball valve 2" made of brass for shutting off the HYDRA suction hose has a fixed coupling C-Storz on both sides. The shut-off reliably prevents from water backflow. |
| HYDWRB1-1  | PRCD personal protection switch, 3 m length | The PRCD personal protection switch incl. 3 m cable and IP68 connections protects against possible hazards caused by faulty electrical installations. |
| HYDRED118  | Personal protection switch PRCD-S+, 3 m Länge | The PRCD-S+ personal protection switch incl. 3 m cable and Schuko connections enables the safe drawing of current from available sockets. It is plugged in between the device and the socket like an extension cable. |
| HYDRED124  | Suction hose, 1x C-Storz coupling, 1x socket | 12 m long suction hose incl. one C-Storz coupling and one socket. |
| HYDRED125  | Drain hose and drain hose extension, 2x C-Storz coupling | 12 m long drain hose incl. two C-Storz couplings. Also functions as a drain hose extension: With the 12 m long drain hose extension incl. two C-Storz couplings, the working range of the vacuum cleaner can be extended by 12 m. |
| HYDRED131  | Blind coupling C-Storz | The blind coupling in size C is oil and petrol resistant. The coupling can be firmly connected to the tank of the FD vacuum cleaner by using the chain. |
| HYDRED133  | Suction hose extension 1x C-Storz coupling, 1x connector | With the 12 m suction hose extension including sleeve and connector, the working range of the vacuum cleaner can be extended by 12 m. |
| TOR158  | Hose reinforcement / anti-kink protection | The hose reinforcement prevents the suction hose from kinking after the C-coupling and thus disrupting the suction operation. The hose reinforcement has been included as standard in the HYDRA set since mid 2023. |
| HYD1050  | Hose carrying strap | With the hose carrying strap, one hose can be tied together and transported using the rubberised carrying handle. |





ACCESSORIES HYDRA-BOY

| ACCESSORIES HYDRA-BOY | | |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item No. | Product name | Product description |
| HYDBOY162  | Net bag | The tear-proof net bag of the HYDRA-BOY is attached to the end of the suction tube located in the tank by means of a Velcro fastener. Coarse solids are collected inside and can be easily removed after use. |
| HYDBOY163  | Floor nozzle | The HYDRA-BOY floor nozzle with a width of 450 mm and a diameter of 38 mm enables faster vacuuming on larger surfaces. |
| HYDBOY166  | Suction hose, 1x suction pipe with bend, 1x suction connection | 10 m long HYDRA-BOY suction hose incl. suction pipe with bend and suction connection. |
| HYDBOY167  | Drain hose, 2x C-Storz coupling | 10 m long HYDRA-BOY drain hose incl. two C-Storz couplings. |
| HYDBOY168  | Suction tube | The entire plastic suction pipe originally consists of four individual suction pipes. Each segment must be ordered individually. |
| HYDBOY169  | Suction pipe with bend | The plastic suction pipe with bend incl. union nut enables ergonomic use. |
| HYDBOY170  | Floor nozzle | The HYDRA-BOY plastic floor nozzle has a width of 360 mm and a diameter of 38 mm. |
| HYDBOY171  | Joint nozzle | The HYDRA-BOY joint nozzle enables you to suck up liquids in joints. |
| HYDBOY172  | Transparent flat nozzle | The transparent HYDRA-BOY PVC flat nozzle makes it easy to absorb liquids. |
| HYDBOY173  | Suction brush | The HYDRA-BOY suction brush allows you to vacuum on sensitive surfaces. |
| HYDBOY178  | Drain hose extension, 2x C-Storz coupling | With the 10 m HYDRA-BOY drain hose extension incl. two C-Storz couplings, the working range of the vacuum cleaner can be extended by 10 m. |
| SZ805  | Suction hose extension, 1x white socket, 1x connector for suction hose | With the 10 m HYDRA-BOY suction hose extension incl. sleeve and connection for suction hose, the working range of the vacuum cleaner can be extended by 10 m. |

ACCESSORIES HYDRA-Z

| ACCESSORIES ADDITIONAL PACKAGE FOR HYDRA-Z | | |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item No. | Product name | Product description |
| HYDRED117  | Ball valve C-Storz with blockage free / full passage | The size C ball valve 2" made of brass for shutting off the HYDRA suction hose has a fixed coupling C-Storz on both sides. The shut-off reliably prevents from water backflow. |
| HYDRED131  | Blind coupling C-Storz | The blind coupling in size C is oil and petrol resistant. The coupling can be firmly connected to the tank of the FD vacuum cleaner by using the chain. |
| TOR131-B  | Floor nozzle | The aluminium floor nozzle with a width of 450 mm has individually height-adjustable castors and a 40 mm connection for the suction pipe included in the additional package. |
| TOR143  | Suction hose, 1x suction pipe with bend, 1x C-Storz coupling | The oil-resistant, 4 m long suction hose with a diameter of 40 mm is especially suitable for use in oil spills. |
| TOR145  | Suction pipe | The oil-resistant, 0.5 m long 2-piece suction pipe made of stainless steel with a diameter of 40 mm is especially suitable for use in oil spills. Each segment of the suction pipe must be ordered individually. |
| TOR147  | Joint nozzle | The HYDRA joint nozzle enables you to suck up liquids in joints. |

ACCESSORIES MOBILE CONTAINER

| ACCESSORIES MOBILE CONTAINER | | |
|---------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item No. | Product name | Product description |
| HYD1010-2  | Storage box, 600 x 400 x 170 mm | The storage box incl. hinged lid and locking clips can be stowed in the designated slots of the mobile container. |
| HYD1010-3  | Hose basket | The aluminium hose basket offers space for up to three 15 m long size C fire hoses. |
| HYD1010-5  | Forklift pockets | The mobile container can be lifted and transported with the optional two-part stainless steel forklift pockets using lifting vehicles and equipment. |
| HYD1010-6  | Bracket for multi-skimmer | With this optional bracket/insert, the HYDRA SWAP Multi-Skimmer can be stowed quickly and safely in the mobile container. |

ACCESSORIES SUBMERSIBLE PUMPS

| ACCESSORIES SUBMERSIBLE PUMPS | | |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item No. | Product name | Product description |
| HYDZ005-1  | Flat suction ring for the submersible pump B-ROSS | With the flat suction ring, the B-ROSS submersible pump can be used for shallow suction. When using the attachment, it is possible to pump down to a low water level of a few millimetres. The flat suction ring is included as standard with every B-ROSS pump and can be ordered separately if required (in case of wear). |
| HYDRED117  | Ball valve C-Storz with blockage free / full passage | The size C hose shut-off with 2" brass ball valve with free passage for shutting off the KILO, MEGA, FLAT-ROSS pumps has a Storz-C fixed coupling on both sides. The shut-off valve reliably prevents the backflow of water. |
| HYDRED135  | Ball valve B-Storz with blockage free / full passage | The size B hose shut-off with 2" brass ball valve with free passage for shutting off the B-ROSS und TERA pumps has a Storz-C fixed coupling on both sides. The shut-off valve reliably prevents the backflow of water. |
| HYDRED140  | Transition piece B-C | Transition piece / reducer for connecting the nominal coupling sizes B and C. |
| HYDWRB1-1  | PRCD personal protection switch, 3 m length | The PRCD personal protection switch incl. 3 m cable and IP68 connections protects against possible hazards caused by faulty electrical installations. |
| HYDRED118  | Personal protection switch PRCD-S+, 3 m length | The PRCD-S+ personal protection switch incl. 3 m cable and Schuko connections enables the safe drawing of current from available sockets. It is plugged in between the device and the socket like an extension cable. |
| HYDWRB-03  | Coupling spanner, B / C | Coupling spanner for sizes B and C for opening and closing Storz couplings. |
| HYDZ007-1  | Dirt water ring for the submersible pump FLAT-ROSS | With the dirt water ring, the FLAT-ROSS can also be used for waste water suction. The anodized aluminium ring is attached to the underside of the pump with a byonet lock. It can also be retrofitted to any pump already purchased. (Three fitting screws 3x Item No. HYDZ007-2 are needed for retrofitting) |
| HYDZ007-2  | Single fitting screw for FLAT-ROSS dirt water ring | This fitting screw is used to attach the dirt water ring to the FLAT-ROSS pump. The screws can be retrofitted to any FLAT-ROSS pump, already purchased. (Three screws are always required to attach the ring) |



rössle

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Vacuum cleaners for
fire departments

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