

**FORCES
AGAINST
HEAVY
RAIN!**

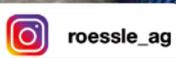


2024
rössle

Vacuum cleaners for fire departments

// HYDRA	4
// HYDRA-BOY	6
// HYDRA-Z	8
// PRE-SEPARATOR	12
// MULTI-SKIMMER	14
// PRODUCT OVERVIEW	16
// SUBMERSIBLE PUMPS	
SERIES TERA AND ROSS	18
 // WATER RESCUE BOX	22
// MOBILE CONTAINER	24
// UNIVERSAL SQUEEGEE	26
// ACCESSORIES	27

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OPTIMALLY COVERED FOR EMERGENCIES WITH RÖSSLE

The number of flooding and heavy rainfall events is not only increasing, but these events occur mostly suddenly and without much lead time. Once the water masses have arrived, they result in lengthy, exhausting operations for our fire services. The main premise is therefore „be prepared“ in order to be able to act quickly and purposefully in the event of an emergency. The right equipment for water damage situations not only makes the work of the emergency services easier, but also helps to minimise the occurring damage.

In 2024, you can continue to rely on our internationally proven vacuum cleaners for fire departments of the HYDRA series and our TERA and ROSS series submersible pumps. In addition to the popular universal squeegee multi-pusher and the multi-skimmer HYDRA SWAP, you will also find all kinds of useful accessories in this catalogue.

A special focus is on our Water Rescue Box flood kit, which we have added to our product portfolio. With the new Water Rescue Box, we will be able to provide you with even more effective protection against flooding incidents in the future.

The Rössle AG team



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 RÖSSLE 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



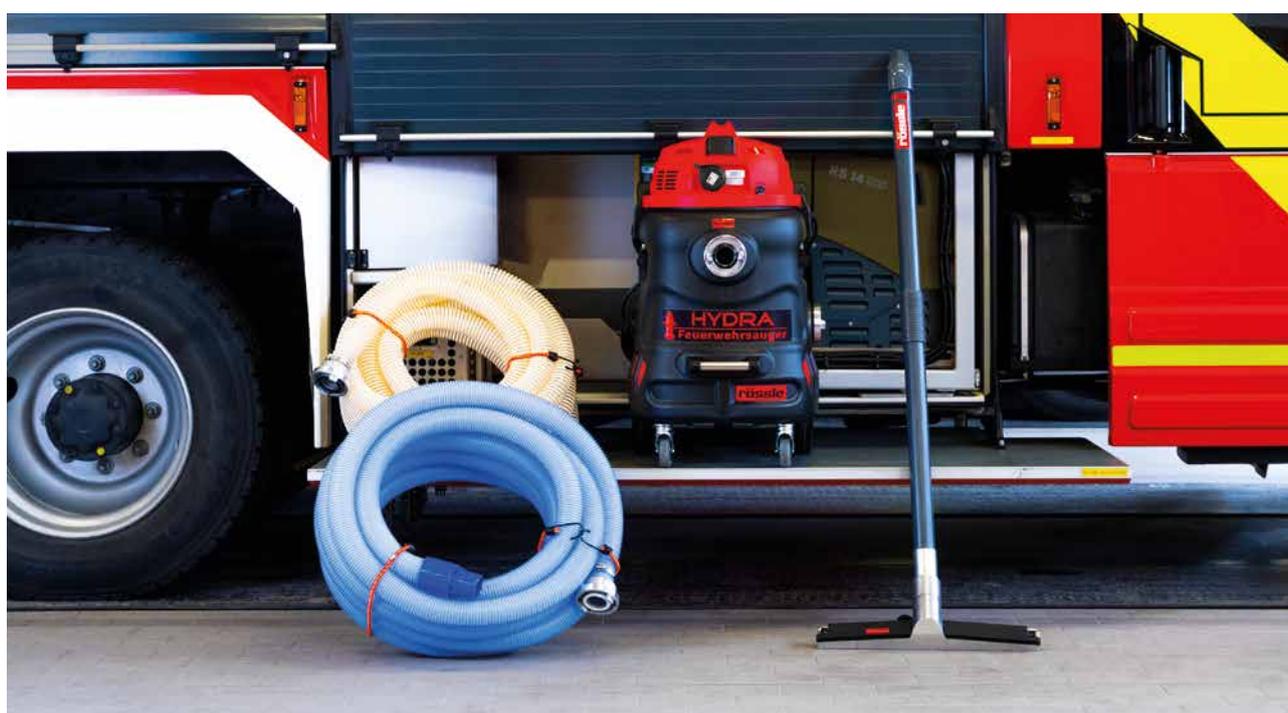
HYDRA Vacuum cleaner for fire departments

- 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

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 – 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

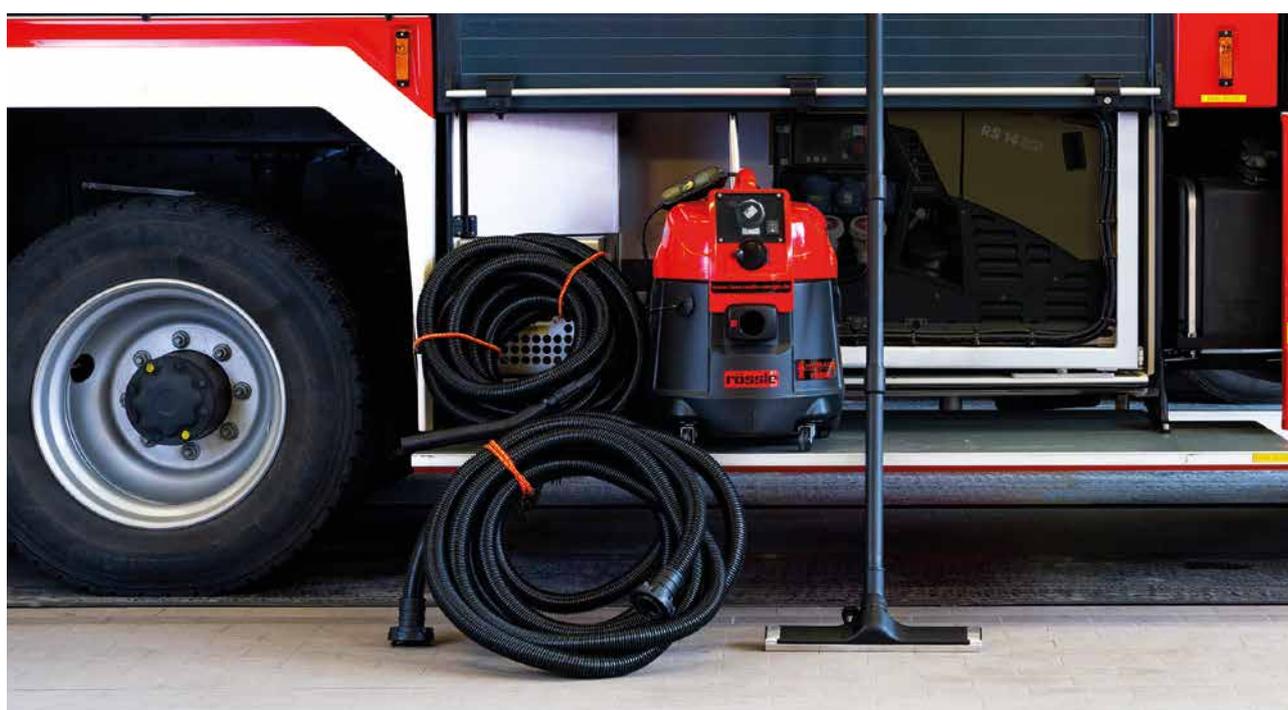
HYDRA-BOY Vacuum cleaner for fire departments

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

SET INCLUDES:

- HYDRA-BOY FD vacuum cleaner
- Suction pipe, 4-piece, \varnothing 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

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, \varnothing 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 HDYRA 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

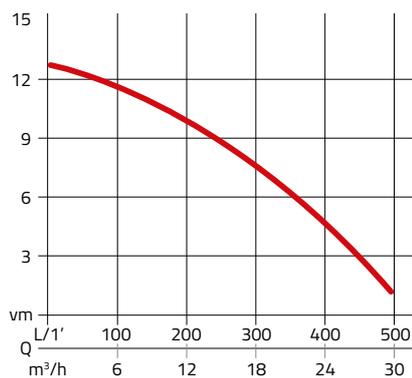
SPACE-SAVING DIMENSIONS

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

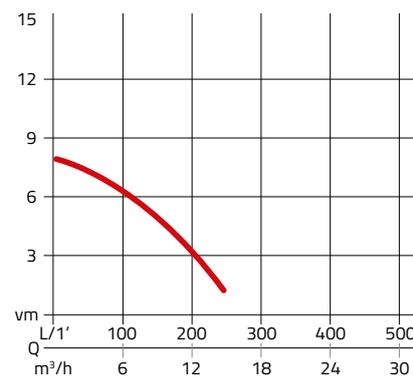
devices. Please note that the wheels are integrated into the tank body so that the vacuum cleaner is as slim as possible. The height of the HYDRA

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

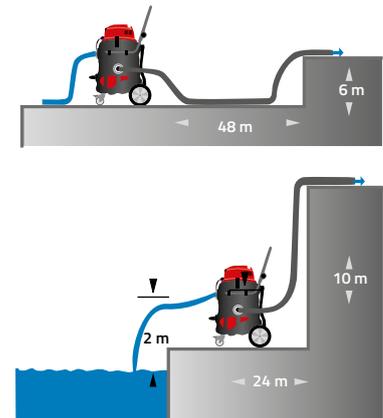
PUMP CHART HYDRA



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.

HIGHLIGHTS



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 \varnothing 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.



PRE-SEPARATOR

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, 22 mm 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

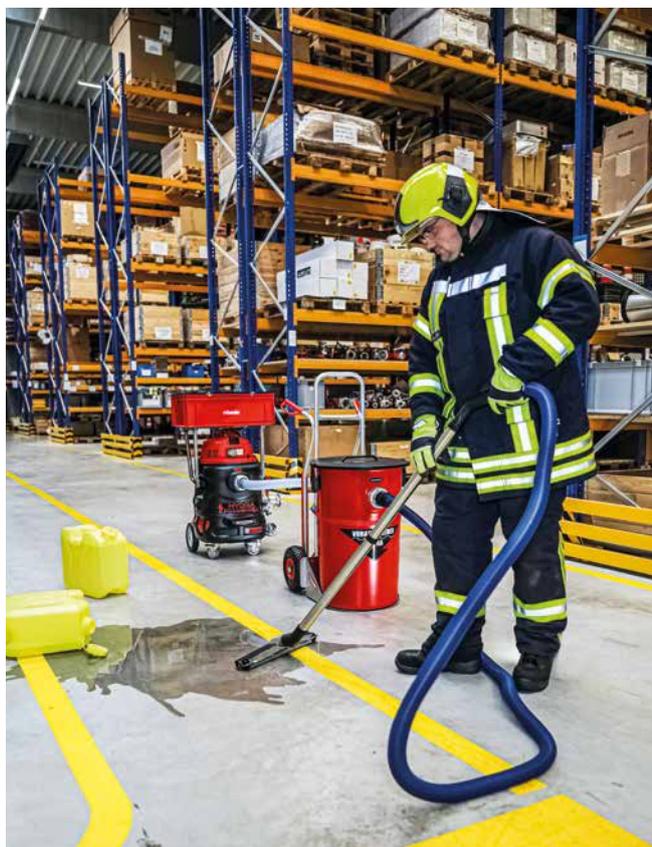
Cover

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 large-scale impact on the environment.

The new Multi-Skimmer HYDRA SWAP (Swimming Water Application Protection) 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. 12/13). 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.12/13 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 coupling
WEIGHT	8 kg
FLOAT MATERIAL	Polyethylene
DIMENSIONS	60 x 45 x 18 cm (W x D x H)
SUCTION CAPACITY OF THE HYDRA FD VACUUM CLEANER	1 skimmer - 22 l/min 2 skimmers - 16 l/min with double suction surface



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.



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

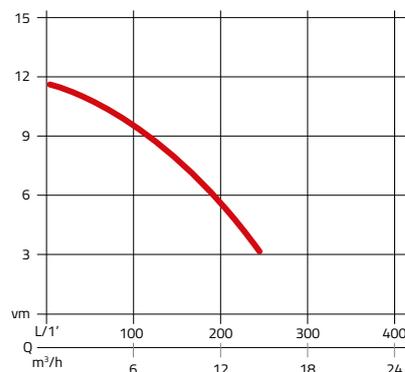
KILO



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



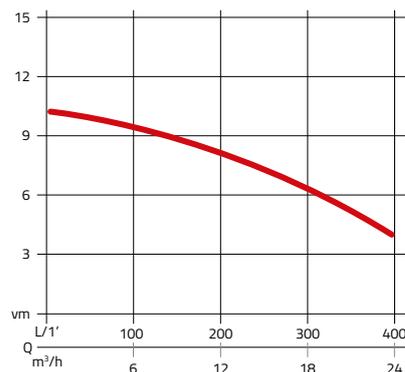
MEGA



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



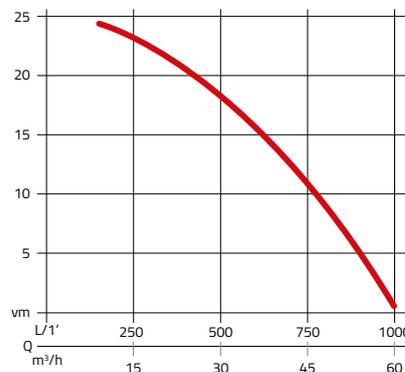
TERA



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 Rössle submersible pumps KILO, MEGA and TERA in m³ per hour in relation to the pumping height.

SUBMERSIBLE PUMPS ROSS SERIES

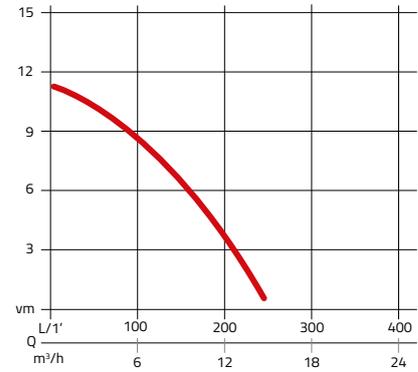
FLAT-ROSS



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	11 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

PUMP CHART FLAT-ROSS



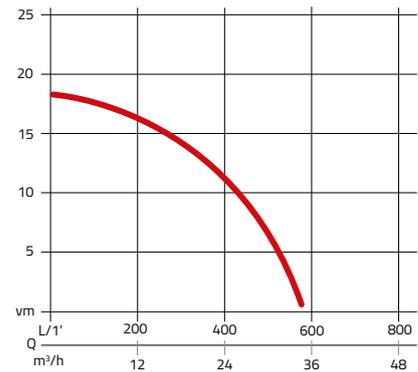
C-ROSS



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



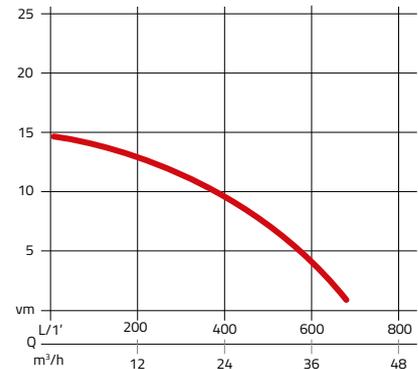
B-ROSS



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	31 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.



Suction opening
FLAT-ROSS



Suction opening
C-ROSS



Suction opening
B-ROSS



Removable
flat suction ring B-ROSS



WATER RESCUE BOX



NEW

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: 25 kg Option FLAT-ROSS: 24 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



Option
HYDRA, pre-separator ULTRA



Option
HYDRA-BOY, pre-separator ULTRA

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

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)

ACCESSORIES UNIVERSAL SQUEEGEE

ACCESSORIES UNIVERSAL SQUEEGEE		
Item No.	Product name	Product description
HYDMS05 	Nylon broom bar	Replacement broom bar for the universal squeegee.
HYDMS06 	Plastic sliding blade	Replacement sliding blade for the universal squeegee.
HYDMS14 	Piassava broom bar	Replacement broom bar for the universal squeegee. Instead of the nylon broom, the universal squeegee can also be used with the antistatic and moisture-resistant Piassava broom bar made of natural fibres. As it is a natural product, the natural fibres may become brittle when dry.

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 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.
HYDWRB-03 	Coupling spanner, B / C	Coupling spanner for sizes B and C for opening and closing Storz couplings.



rössle

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fire departments

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