

**STRONG
HELPERS
AGAINST
WATER!**



2023
rössle

Vacuum cleaners for fire departments

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EXPERTS IN HANDLING WATER

„Be prepared“ is the global guiding principle for fire departments. It is increasingly important to make preparations in order to be well prepared to deal with heavy rain and flooding. Powerful vacuum cleaners for fire departments are just as much in demand as powerful and effective submersible pumps.

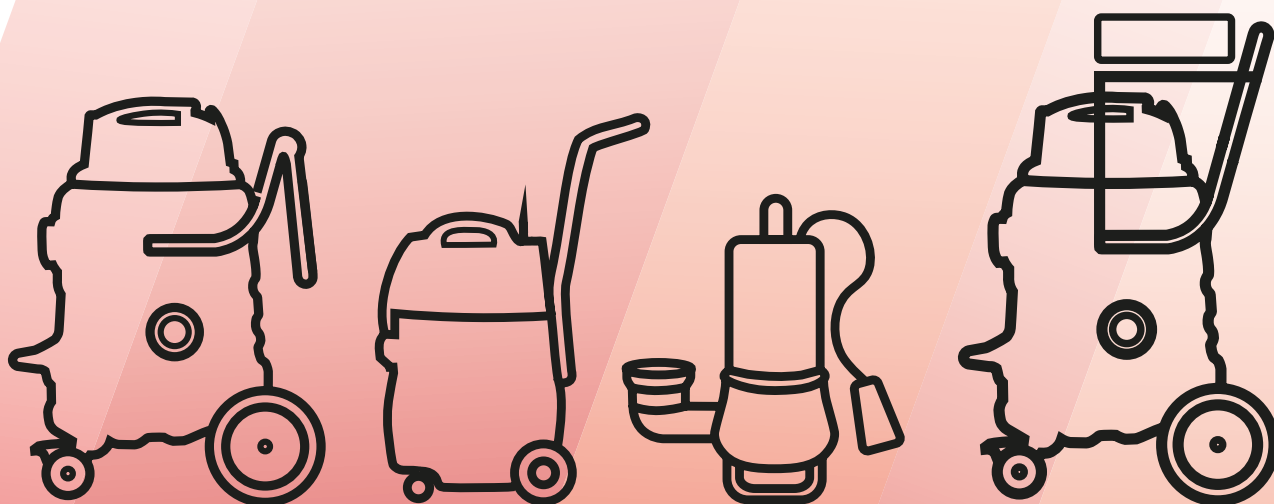
In the Rössle AG product range you will find the established machines of the HYDRA series for sludge and water removal as well as various innovations. In the pump segment the new submersible pumps of the ROSS series complement the reliable

sewage / submersible pumps of the TERA series.

Additional support for your operations is provided by the universal squeegee established last year as well as the brand new Multi-Skimmer HYDRA SWAP for the efficient removal of contaminated material on water bodies.

We have specifically expanded our product portfolio to provide you with the necessary and useful technical aids for your tough operations.

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 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 50 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
- New: Hose reinforcement for the suction hose
- Continuous operation with 5 kVA DIN generators
- No service-intensive electronics



HYDRA Vacuum cleaner for fire departments

- 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
- 12 m drain hose
- 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 38 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
- 10 m drain hose
- 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, 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



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

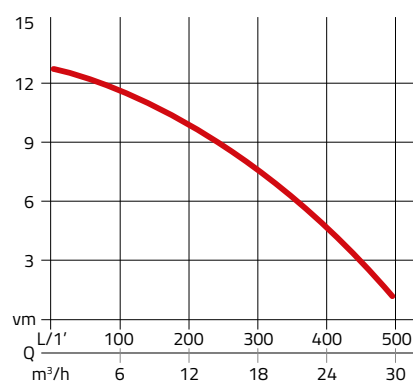
SPACE-SAVING DIMENSIONS

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

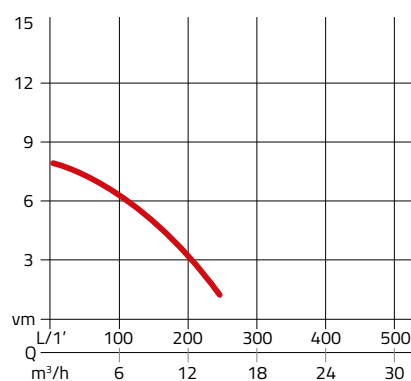
devices. Please note that the wheels are integrated into the tank body so that the vacuum cleaner is as slim as possible. The height of the HYDRA

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

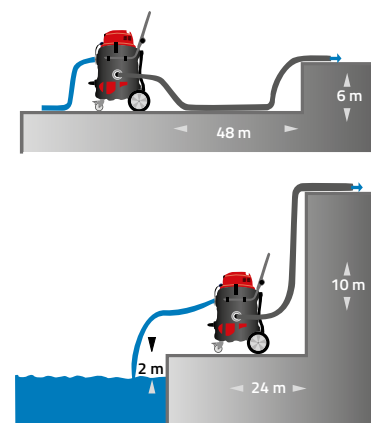
PUMP CHART HYDRA



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.

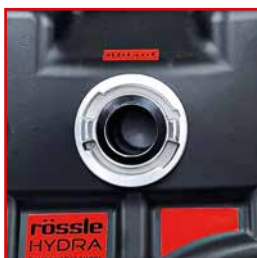
The diagram above shows the possible suction and pumping heights. You can also see the possible hose length on the pump-out side.



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

HIGHLIGHTS



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 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.

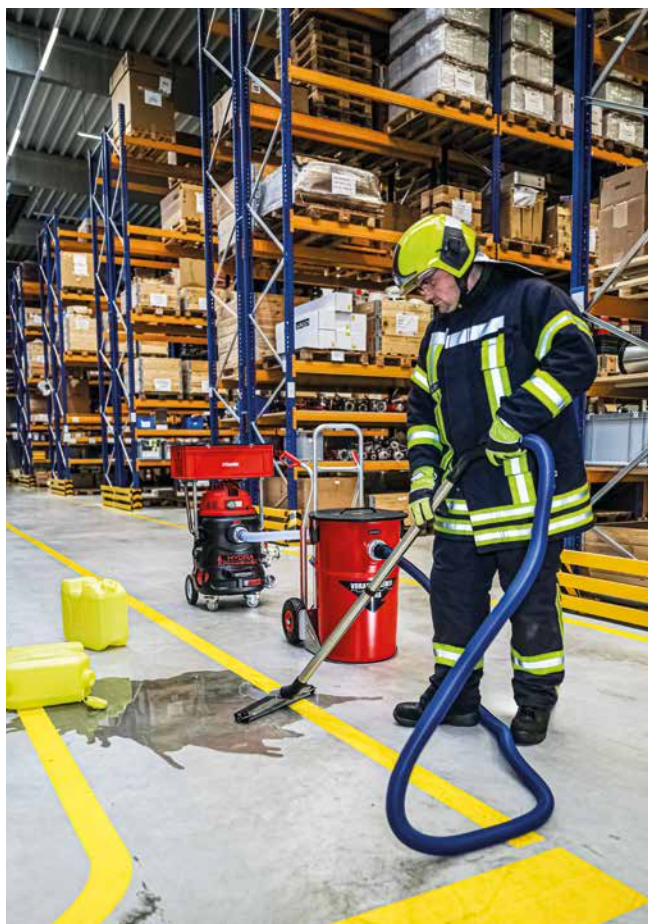


The rubberised and slip-resistant grip area is easy to hold even at low temperatures. The entire operating procedure can be done easily, even with gloves on.



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 aluminium 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.

Pre-separator with associated equipment



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.

- Large 90 l tank
- Robust materials and compact design
- Minimised wear and tear
- 1 m long connection hose
- Excellent mobility when using the optional chassis



PRE-SEPARATOR ULTRA

| TECHNICAL DATA | Item No. HYDRED127 |
|-----------------|---------------------------------------|
| MATERIAL | GRP |
| TANK CAPACITY | 90 litres |
| SPONGE FILTER | PPI 10T/PUR-Ether |
| FILTER SIEVE | Aluminium, 22 mm perforation diameter |
| WEIGHT | 12.5 kg |
| CONNECTION HOSE | 1 m, ø 50 mm, 2x Storz-C-connection |
| DIMENSIONS | 52 cm x 74 cm (D x H) |

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) |



OUR PRODUCTS FOR FIRE DEPARTMENTS



UNIVERSAL SQUEEGEE

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

SUBMERSIBLE PUMPS
TERA series

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

HYDRA SWAP

NEW

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 (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 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 |



SUBMERSIBLE PUMPS TERA SERIES



SEWAGE / SUBMERSIBLE PUMPS OF THE TERA SERIES

They are indispensable for fire departments during water-related operations: efficient and resistant sewage / submersible pumps that easily and quickly pump out the water masses and suspended matter contained therein.

As a supplement to the proven FD vacuum cleaners of the HYDRA series, Rössle AG offers the electric sewage / submersible pumps of the TERA series in its product range. The pumps can be used on their own or as a support to the FD vacuum cleaners and will help you to fight the water masses even faster.

The two smaller submersible pumps KILO and MEGA are equipped with a C-Storz connection and impress with their inlet sizes of \varnothing 30 mm and \varnothing 35 mm respectively and their simple, mobile usability.

The larger three-phase submersible pumps GIGA and TERA deliver up to 60,000 l/h with an inlet grain size of \varnothing 11 mm and a delivery pressure of 2 or 2.4 bar and are thus an effective aid in the fight against large water volumes.

PUMPS KILO AND MEGA

- 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

With the sewage / submersible pumps of the TERA series, your fire department is well equipped in the event of an emergency during high water, heavy rain and flooding.

PUMPS GIGA AND TERA

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

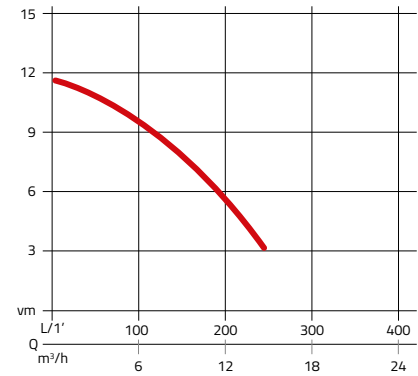


SUBMERSIBLE PUMPS

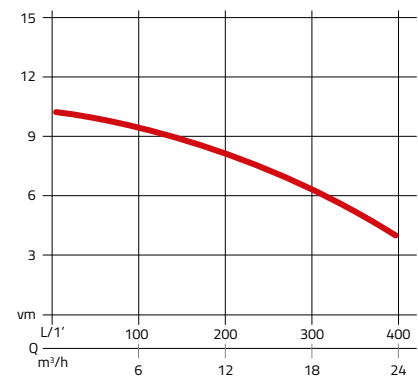
Vacuum cleaner for fire departments

KILO

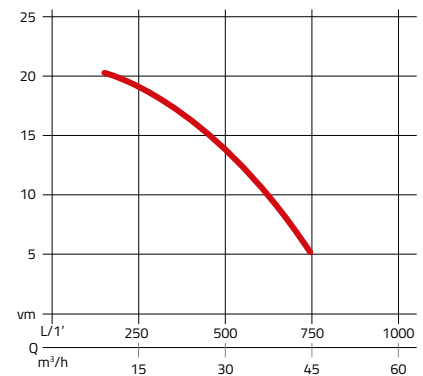
| TECHNICAL DATA | Item No. HYDZ001 |
|------------------|---------------------------------|
| PUMPING CAPACITY | 240 l/min // 14,400 l/h |
| PUMP POWER | 1,000 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 30 mm |
| WEIGHT | 9 kg |
| MATERIAL | Moplen, noryl, stainless steel |
| DIMENSIONS | 18 x 37 cm (D x H) |

PUMP CHART KILO**MEGA**

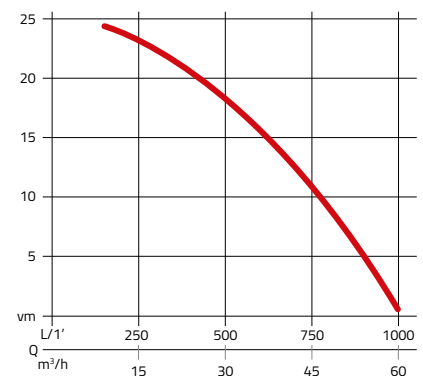
| TECHNICAL DATA | Item No. HYDZ002 |
|------------------|---------------------------------|
| PUMPING CAPACITY | 400 l/min // 24,000 l/h |
| PUMP POWER | 1,400 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 35 mm |
| WEIGHT | 12 kg |
| MATERIAL | Stainless steel |
| DIMENSIONS | 21 x 36 cm (D x H) |

PUMP CHART MEGA**GIGA**

| TECHNICAL DATA | Item No. HYDZ003 |
|------------------|----------------------------|
| PUMPING CAPACITY | 750 l/min // 45,000 l/h |
| PUMP POWER | 2,200 Watt |
| VOLTAGE | 3~ 400 V three-phase 50 Hz |
| GRAIN SIZE | 11 mm |
| WEIGHT | 45 kg |
| MATERIAL | Stainless steel, chrome |
| DIMENSIONS | 24 x 52 cm (ø x H) |

PUMP CHART GIGA**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 55 cm (ø x H) |

PUMP CHART TERA

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

SUBMERSIBLE PUMPS ROSS SERIES



NEW

SUBMERSIBLE PUMPS OF THE ROSS SERIES

In addition to the well-known and field-proven submersible pumps of the TERA series, Rössle AG has expanded its submersible pump range with the pumps of the new ROSS series. The pumps of the ROSS series are an excellent addition to the already established submersible pumps from Rössle.

The FLAT-ROSS and B-ROSS pumps (with attachment ring) can be used for flat suction. The B-ROSS pump is also ideal for large water masses and for bridging distances. The all-stainless-steel C-ROSS pump is suitable, among other things, for bridging heights and for use in the food sector (pH value from 5-8). The pumping capacities of these stable and robustly built pumps range from 240 l/min (14,400 l/h) to 670 l/min (40,300 l/h).

With the new submersible pumps from Rössle AG, your fire department can cover all operational purposes and act quickly and purposefully.

PUMP FLAT-ROSS

- 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
- Optionally with float switch
- Cable length of 10 m
- Insulation class F, IP68 protection

PUMP C-ROSS

- Connection: C-Storz coupling
- Stable and robust construction
- Excellent for bridging heights
- Suitable for use in the food sector

- 230 V 50 Hz alternating current
- Optionally with float switch
- Cable length of 20 m
- Insulation class F, IP68 protection

PUMP B-ROSS

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

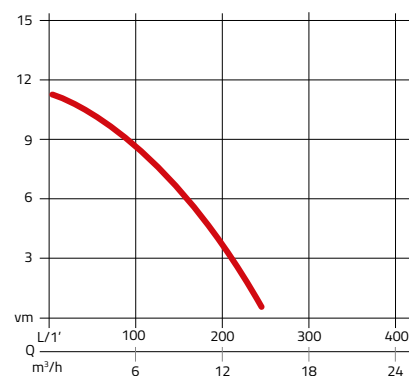


SUBMERSIBLE PUMPS

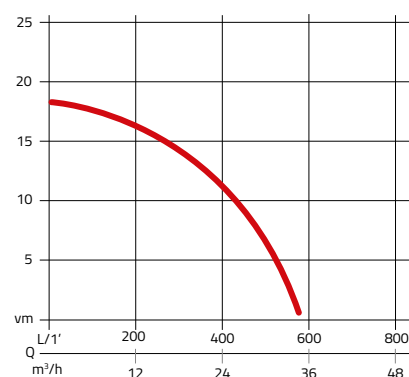
Vacuum cleaner for fire departments

FLAT-ROSS

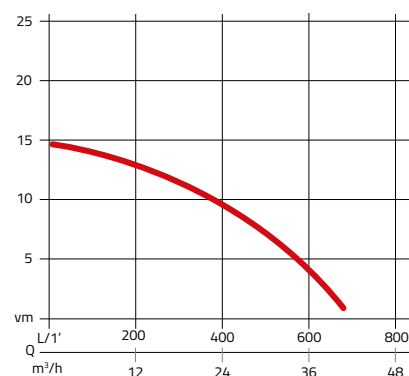
| TECHNICAL DATA | Item No. HYDZ007 |
|------------------|--|
| PUMPING CAPACITY | 240 l/min // 14,400 l/h |
| PUMP POWER | 400 Watt |
| VOLTAGE | 230 V 50 Hz alternating current |
| GRAIN SIZE | 6 mm |
| WEIGHT | 11 kg |
| MATERIAL | Cast iron, aluminium, stainless steel, plastic |
| DIMENSIONS | 23 x 32 cm (ø x H) |

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) |

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) |

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



Suction opening
flat suction B-ROSS

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 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



**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 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

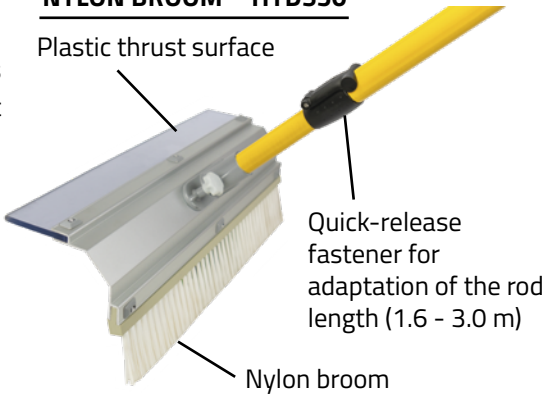
do not tilt. The universal squeegee is the perfect addition to our product range.

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

UNIVERSAL SQUEEGEE

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

NYLON BROOM – HYDS50






PIASSAVA BROOM – HYDS51












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 new, 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 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 screwable PVC suction pipe with a 45° bend and a diameter of 50 mm enables an ergonomic working application. |
| HYDRED117  | Ball valve C-Storz | The HYDRA size C ball valve 2" made of brass for shutting off the HYDRA suction hose has a fixed coupling made of light metal on both sides. The shut-off reliably prevents backflow into deeper areas. |
| HYDRED118  | Personal protection switch PRCD-S+ | The HYDRA 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 | 12 m long HYDRA suction hose incl. one C-Storz coupling and one socket. |
| HYDRED125  | Drain hose and drain hose extension | 12 m long HYDRA drain hose incl. two C-Storz couplings. Also functions as a drain hose extension: With the 12 m HYDRA drain hose extension incl. two C-Storz couplings, the total length of the hose can be extended to a total of 24 m. |
| HYDRED131  | Blind coupling C-Storz | The HYDRA 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 | With the 12 m HYDRA suction hose extension incl. socket and connector, the total length of the hose can be extended to a total of 24 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 2023. |

In addition to dimensionally stable hoses, you can also purchase fire hoses from us in sizes C42, C52 and B75.









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 | 10 m long HYDRA-BOY suction hose incl. suction pipe with bend and suction connection. |
| HYDBOY167  | Drain hose | 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 | With the 10 m HYDRA-BOY drain hose extension incl. two C-Storz couplings, the total length of the hose can be extended to a total of 20 m. |
| SZ805  | Suction hose extension | With the 10 m HYDRA-BOY suction hose extension incl. two sockets, the total length of the hose can be extended to a total of 20 m. |




ACCESSORIES ADDITIONAL PACKAGE

ACCESSORIES ADDITIONAL PACKAGE FOR HYDRA-Z

| Item No. | Product name | Product description |
|---|------------------------|--|
| HYDRED117  | Ball valve C-Storz | The HYDRA size C ball valve 2" made of brass for shutting off the HYDRA suction hose has a fixed coupling made of light metal on both sides. The shut-off reliably prevents backflow into deeper areas. |
| HYDRED131  | Blind coupling C-Storz | The HYDRA 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 HYDRA 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 | The oil-resistant, 4 m long HYDRA 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 HYDRA 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 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). |
| HYDRED135  | Ball valve B-Storz | The size B ball valve 2" made of brass for shutting off the pumps B-ROSS, GIGA and TERA has a fixed coupling made of light metal on both sides. The shut-off reliably prevents backflow into deeper areas. |
| HYDZFL  | Float switch for the submersible pumps of the ROSS series | The FLAT-ROSS, B-ROSS and C-ROSS submersible pumps of the ROSS series can be optionally equipped with a float switch. |



rössle

RÖSSLE AG
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fire departments

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