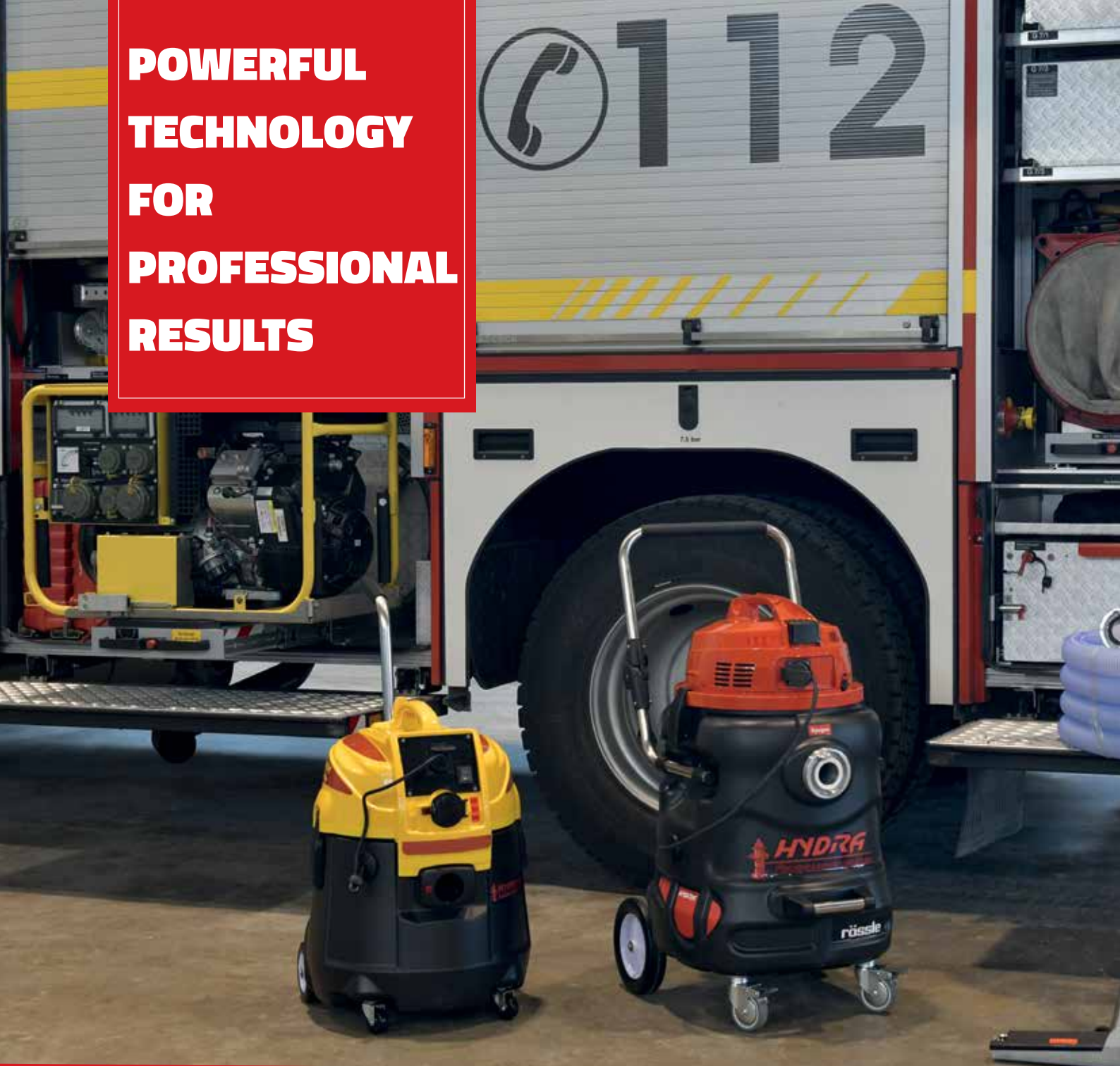


**POWERFUL
TECHNOLOGY
FOR
PROFESSIONAL
RESULTS**



2020
rössele

Vacuum Cleaners for Fire Departments



TECHNOLOGY YOU CAN RELY ON!

Good electrical appliances are immediately needed if heavy rain and flooding hits your application areas.

HYDRA and HYDRA-BOY are in such cases often used as helpers, not to leave you alone in the rain. The deliberately electronics-free construction of the mud vacuum cleaners are always ready for use, when its needed. The normally built in electronics in the control panels are not necessary, due to moisture sensitive. Therefore you can't find this in the HYDRA-series. Stable

components, intensive test series and a perfect design gives you a manoeuvrable and durable machine at hand. Even larger rooms can be so cleaned effective of water and mud, literally to the last drops.

HIGHLIGHTS

The HYDRA series stands out for many thoughtful and useful details, what makes the transport and mission much easier.

In the construction, the focus has been on the functional and safety relevant parts, which can be seen in the pictures. You get the HYDRA

with the electric testing for the DGUV 3 regulation according to DIN VDE 0701-0702 together with the inspection label.



IP 68 plug and personal protection switch



Electrical test according to DIN



Non return flap RSK and drain pump



C-coupling \varnothing 50 mm suitable for fire hoses



Optional special accessories



Main switch and suction power regulation



2-parts, space-saving suction tube \varnothing 50 mm



Parking brake



Optional ball valve with C-coupling as backflow protection



Optional PRCD-S + personal protection switch

Flexible handle bar

Due to the flexible handle bar, the loading height is reduced by thirteen centimeters, which is a huge advantage during the loading, space-saving effect. Also during use, e. g. when carrying on stairs, a tilted handle bar can be beneficial. A thumb pressure on the hinge button is enough to find the right grid position. The rubberized and non-slip grip area gives you even at low temperatures a good support. The entire operation is easy to realize, even with gloves.



HYDRA



Reliability and great flexibility are the strengths of the fire vacuum cleaner HYDRA. The stable and impact-resistant construction makes the HYDRA very compact and stays even in tight areas a helpful and reliable partner. Because of its robust components and optimized handles, the HYDRA becomes with its big wheels to an absolute Allrounder. The installed aggregates are not just moving normal water, they also transport and pump with a blockage-free solid state passage of

40 mm, heavily dirty, contaminated water and mud. Years of proven endurance features characterize the HYDRA. The HYDRA is a real all-rounder and the solution for the real problems.

- Robust materials and compact design
- Big container with 70 l
- Easy handling and excellent roll features
- 12 m long suction and drain hoses

- No service-intensive electronics
- Continuous operation with 5 kVA DIN power generators
- Cable length 10 m included
- 16 A Schuko type of protection
- IP68 with bayonet coupling ring and protective cap
- Residual current circuit breaker
- Working noise 64 dB (A)
- Made in Germany

INCLUDED IN THE SET:

- HYDRA fire service vacuum cleaner
- 12 m suction hose
- 12 m drain hose
- PVC suction tube 2-piece ø 50 mm
- Floor nozzle

TECHNICAL SPECIFICATIONS	Art.-No. HYD2000
SUCTION POWER	15.000 l/h
OSM-TURBINE	1200 Watt
DIRT WATER PUMP	1500 Watt
WEIGHT WITHOUT ACCESSORIES	33 kg
SUCTION HOSE & DRAIN HOSE	each 12 m, ø 50 mm
DIMENSIONS FOLDED HANDLE BAR	47 x 63 x 84 cm (W x D x H)
DIMENSIONS WITH HANDLE BAR	47 x 66 x 97 cm (W x D x H)



HYDRA-BOY



The little brother of HYDRA is even lighter and more manoeuvrable. Also the HYDRA-BOY handles the challenges like mud and stones in a clear way. The tearproof mesh bag takes in the inside coarse solids. These can be easily disposed with a simple handling. With his long suction and drainage hoses it gives a big operation area with good results and a lot of room for maneuver. With its low weight and the space- saving dimensions, the HYDRA-BOY makes almost as much as its big brother.

The extensive range of accessories with versatile applications makes the HYDRA-BOY a strong helper in case of need

- Stable and compact design
- Absolutely low operating weight
- 10 m long suction and 10 m drain hose
- Flexibility and perfect Maneuverability in the tightest rooms
- Residual current circuit breaker

- Cable length 10 m included
- Safety plug
- Easy transport
- Comprehensive accessory package
- Working noise 82 dB (A)
- Container with 45 l

INCLUDED IN THE SET:

- HYDRA-BOY fire service vacuum cleaner
- 4 x suction tube
- 10 m suction hose
- 10 m drain hose
- Transparent nozzle
- Aluminum floor nozzle
- Crevice nozzle
- Suction brush

TECHNICAL SPECIFICATIONS	Art.-No. HYD1001
SUCTION POWER	8000 l/h
SUCTION TURBINE	1200 Watt
DIRT WATER PUMP	900 Watt
WEIGHT WITHOUT ACCESSORIES	18kg
SUCTION HOSE & DRAIN HOSE	10m, ø 38mm
DIMENSIONS WITHOUT HANDLE BAR	46 x 49 x 63,5 cm (W x D x H)
DIMENSIONS WITH HANDLE BAR	46 x 66 x 85 cm (W x D x H)



HYDRA ADDITIONAL PACKAGE



Especially for the occupational and industrial fire departments Rössle has developed an additional package. This one is positioned in a removable box directly on top of the HYDRA. Accessories which includes nozzles, hose and stainless steel suction pipes in oil-resistant quality. The couplings on the tank are additionally equipped with blind caps, to roll sucked quantities of liquids safely for disposal. Especially in industrial manufacturing plants leaking cooling fluids or hydraulic oil

are often a reality. The HYDRA with the additional package equips you completely.

INCLUDED IN THE SET:

- Storage box with cover
- Oil-resistant suction hose with C-coupling 4 m long
- Suction tube made of stainless steel \varnothing 40 mm
- Mobile floor nozzle \varnothing 40 mm
- Blind coupling to close the suction and pressure coupling

ADDITIONAL PACKAGE WITH BRACKET COMPLETELY ASSEMBLED (WITHOUT VACUUM CLEANER)

TECHNICAL SPECIFICATIONS	Art.-No. HYD1002
WEIGHT ADDITIONAL PACKAGE	15 kg
OIL-RESISTANT SUCTION TUBE	4 m, \varnothing 38 mm
DIMENSIONS WITH ADDITIONAL PACKAGE	60 x 66 x 108 cm (W x D x H)

ADDITIONAL PACKAGE WITH BOX

TECHNICAL SPECIFICATIONS	Art.-No. HYD1005
WEIGHT ADDITIONAL PACKAGE	5 kg
OIL-RESISTANT SUCTION TUBE	4 m, \varnothing 38 mm
DIMENSIONS WITH ADDITIONAL PACKAGE	60 x 40 x 22 cm (W x D x H)



HARD FACTS



HYDRA



HYDRA BOY



HYDRA ADDITIONAL PACKAGE

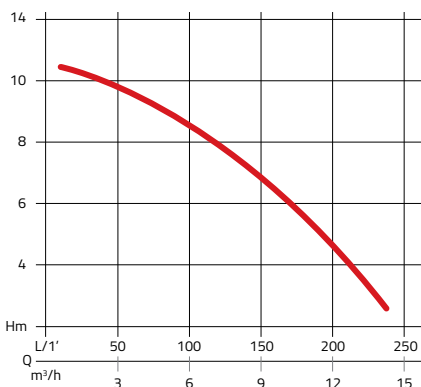
DIMENSIONS

Compact dimensions are in the vehicle as valuable as on operational locations. Here you will find all important dimensions of the individual devices. It is also important

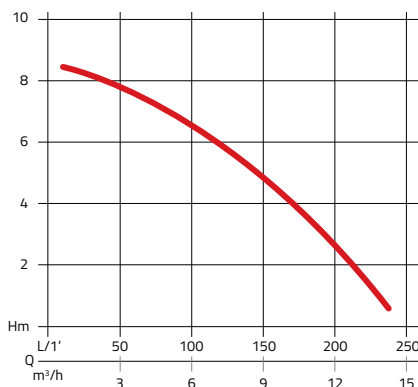
to note the integrated wheels in the tank body, in order to avoid unnecessarily bulky construction. The loading height of the HYDRA can be significantly reduced by simply

folding in the handle bar. Many well positioned brackets facilitate loading and unloading.

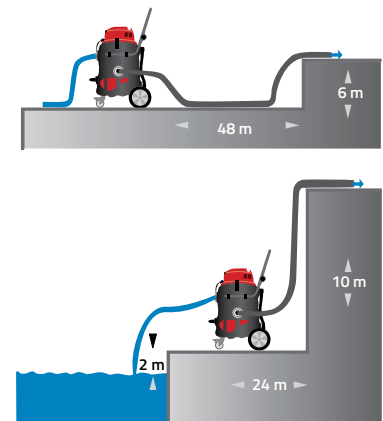
PUMP DIAGRAM HYDRA



PUMP DIAGRAM HYDRA-BOY



PUMP PARAMETERS HYDRA



The HYDRA and also the HYDRA-BOY are also characterized by enormous pumping power. The diagrams show you the Liter output per hour, depending from the pump height of the vacuum cleaner to the top above. These details make it clear that also the HYDRA-BOY

with the correct performance even pumps from the underground car park to the top. Performance is important and sufficient available. The combination of very compact design with strong aggregates convinces in practice.

The scheme shown above shows the possibilities of suction and pump-out heights. Also you see the possible hose length on the pump exhaust side.



rössle

RÖSSLE AG
Vacuum cleaners for fire departments
Johann-Georg-Fendt-Straße 50
D-87616 Marktoberdorf, Germany
Phone +49 (0) 8342 2314
Fax +49 (0) 8342 95482
info@roessle.ag
www.feuerwehr-sauger.de