

Dosing unit

- ▲ non-electrical water driven proportional injection system
- ▲ injection and/or dosage of detergents or decontamination solutions into the water flow



Technical data

Type	Dosing unit
L x W x H:	58 x 29 x 68 cm
Injection rate:	1% - 5%
Water temperature:	max. 40°C
Operating pressure:	0.5 - 9.7 bar
Flow rate:	max. 2,700l/h
Weight:	10 kg

Water supply unit

- ▲ reliable delivery of fresh water
- ▲ steel framework with a horizontally mounted centrifugal pump
- ▲ stainless steel interior
- ▲ Storz D connectors
- ▲ inlet filter
- ▲ check valve
- ▲ pressure gauge
- ▲ automatic pressure regulator



Technical data

Type	Water supply unit
L x W x H:	58 x 29 x 68 cm
Capacity:	max. 70l/min.
Suction depth:	max. 8 m
Input pressure:	max. 3 bar
Operating pressure:	max 6 bar
Main electrical connections:	230 V/50 Hz/0,9 kW/6,7A
Cable length:	10 m
Plug	IP 54
Operating water temp:	max. 45°C
Weight:	25 kg

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Hotbox with Integrated Dosing Feeder

- ▲ CBRN decontamination
- ▲ built-in proportional dosing feeder; works with soaps, lyes, alkaline and acidic media, dosing 1 - 5 %.
- ▲ epoxy coated steel frame with covering made of stainless steel
- ▲ 4-wheeled chassis with solid rubber tyres
- ▲ couplings either with ¾" GEKA or Storz D; others available on request.
- ▲ lifting eyebolts allow easy transportation.

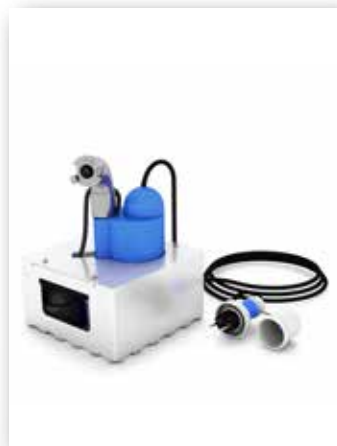


Technical data

Flow capacity:	max. 50 l/min.
Working pressure:	max. 2-10 bar
Water temp.:	30°C to 70°C
Flame control system:	thermally controlled
Heater output:	approx. 90 kW
Diesel consumption:	approx. 7.8 l/h
Electrical connection / alternating current:	230V/50Hz/0,3kW, 10 m extension cord, IP68 plug
Electrical control:	24 V low voltage
L x W x H	89 x 57 x 80 cm
Weight:	approx. 65 kg

Suction pump with stainless steel box

- ▲ electric suction pump for extracting (waste) water
- ▲ suitable for continuous operation
- ▲ pumps (fresh or waste) water with a maximum particle size of 4 mm
- ▲ water level sensor prevents large sediment particles from being sucked in
- ▲ standard coupling: Storz D; others available on request.



Technical data

Type	Suction pump with stainless steel box
Flow rate:	max. 5500 l/h
Motor capacity:	470 W
Delivery temp:	max 35°C
Delivery height:	max. 7.2 m
Supply voltage:	230 V
Start water level:	5 mm
Follow-up time:	4 min.
Main fuse:	10 A
Rotational speed:	2.9 rpm
Protection class:	IP 68

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Decontamination Pools

Decontamination pools are manufactured according to customer's needs.

In general, they consist of an inflatable frame in light grey with:

- one inflation / deflation valve
- one relief valve and
- a tub which is attached by Velcro to the frame.

Sizes range from approx. 2,10 x 0,95 m up to over 5,50 x 5,50 m.

For emptying two different options are available:

1. With gravity discharge (top photo)

The tub has a side opening with a coupling closed with lid. To the coupling (e.g. Storz D or Geka 1"), one can attach a water hose. For this option, 2 inflatable hoses are on the ground and 2 on top of them, under which the gravity discharge is located.

2. Discharge by pumping

The surrounding inflatable frame lies completely on the ground (bottom photo). This is the more stable of the two options, but a pump is needed for emptying.

The inflatable frame is made of airtight PVC-coated polyester fabric 1100 g/m² in light grey.



Decon pool with gravity discharge port at sides.



Single decon pool in a tent, discharge by pumping

The

tub can be made of:

- standard PVC-coated polyester fabric in grey color with fungicidal treatment 550 g/m²
- with anti-slip embossing 850 g/m².

Other colors are available upon request.

The pools can be inflated either by an electric blower or compressed air cylinder with pressure reducer or by hand pump. The relief valve prevents an overfilling of the frame and has an opening pressure of approximately 0,4 bar. The working pressure is 0,3 bar = 0,03 MPa.

For dismantling, deflate the frame: Open the valve lid, press in the center of the valve and turn anticlockwise to let the air out. Wait or exhaust the air thoroughly with the hand-pump or electrical blower, 1. stage.

For decontamination pools attached to or build into tents or decontamination showers, please ask our sales team.

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