

**Fire fighting**  
**Fast. Save. Everywhere.**



# High pressure fire fighting system



**Product-Video:**  
[fire-engine.de](http://fire-engine.de)



- modular
- expandable
- flexible

- portable
- quickly operational
- easy to use



**Michael Renka GmbH**

**Fire Fighting Equipment Division**

Kasernenstraße 23 · D-40213 Düsseldorf · Germany

Telefon: +49 (0) 2 11 - 8 48 00 · Telefax: +49 (0) 2 11 - 32 90 00

[renka@fire-engine.de](mailto:renka@fire-engine.de)

[www.fire-engine.de](http://www.fire-engine.de)

# Units and Components



## Technical Data HLG WATERJET Diesel (EN ISO 12100-1) Art. No. 800100

Engine type: Air-cooled 1 cylinder 4-stroke diesel engine  
Make: Hatz  
Engine capacity: 462 cm<sup>3</sup>  
Maximum power: 7.5 kW (10.2 PS) / 3600 rpm  
Battery: 12 volt, 50 Ah (optional)  
Starter: Electric starter and reversing starter  
Tank capacity: 5 litres

### Reduction gear

Transmission ratio: 1:2

### High pressure pump

Pump type: 3-piston high pressure pump  
Volumetric flow: max./nominal 20/17 Litre/min  
Maximum pressure: 150 bar  
Speed: 1800 rpm  
Max. suction height: 2.5 m

### Pressure regulator

Pressure: 10-220 bar, factory adjusted to 150 bar

### Drive unit in total

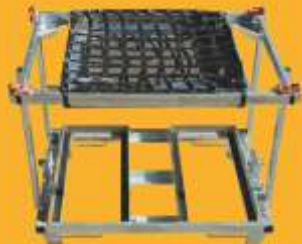
Overall dimensions: WxTxH 890 x 430 x 590 mm  
Empty weight: 118.5 kg

### Hose drum

Pressure hose: DN 8 mm, approx. length 30 m

### Vario extinguishing pistol

High pressure pistol with spray jet:  
Water and foam operation  
High pressure pistol with full jet:  
Foam operation



## Rack frame for modular fire fighting system „RENKA'S FIRE ENGINE No. 1“, Art. No. 800160

Rack frame of steel pipe, galvanized with bearings and transportation locks to receive a high pressure extinguishing device HLG Waterjet Diesel as well as a 200 L water tank, portable suitable for loading by stacker and crane Lashing eyes for transportation on pickup truck or trailer.

Storage tray with locking device and safety net  
Dimensions: (LxWxH) approx. 1430 x 920 x 1165 mm

## 200 litre water tank, portable Art. No. 800150



C Storz water connection, lockable Water overflow,  
Supporting frame of steel pipe,  
Powder coating red RAL 3000,  
suitable for 8 KVA DIN storage  
Dimensions: (LxWxH) 900 x 600 x 760 mm  
Weight: approx. 40 kg

**Other accessories and further information:**  
[www.fire-engine.de](http://www.fire-engine.de)