

# IMPERIAL 16/18 T

RAPID RESPONSE VEHICLE



## Piping maintenance

Design and construction of cleaning and sanitation equipment for industrial and urban environments

barOclean



10,000 Litres



Payload between  
5,300 and 7,800 kg



≤ Ø 600 mm



120/145/180 L/min



180/200/160 bars



761.7/235/348.5 cm



2 HP capacity:  
160 m<sup>3/4</sup> and 100 m<sup>1/2</sup>

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RAPID RESPONSE VEHICLE



## DESCRIPTION

### Fixed-bulkhead aluminium tank

- 2 compartments of a total capacity of 10,000 L

### 6,000 L capacity sludge tank

- Fully opening rear door with rubber seal
- Bottom closure with hydraulic locking
- Tipping device with hydraulic cylinder and safety stand
- 2 pneumatically-operated DN 100 guillotine valves on the rear cover
- 1 settling valve and 1 vacuum breaker valve
- Safety overflow

### 4,000 L capacity water tank

### Vacuum pump suction

- 1 pressure/vacuum gauge
- External cyclone safety device
- 1 pressure/vacuum gauge
- Injected air-cooled three-lobe positive displacement pump
- Removable screen filter
- Safety thermostat

### 3-piston solid ceramic HP pump

- Flow/Pressure 120 litres/min at 180 bar
- No water safety

### Hydraulic drive and equipment

HP, vacuum and hydraulic pumps driven by the vehicle engine. Thanks to a gearbox power take-off

### The winders

- 1 HP winder on the door, hydraulically directional to 120°, max capacity 160 m of 3/4" hose with automatic hose rewind guide
- 1 HP 1/2" winder on the rear right side, max capacity 100 m of hose
- Hydraulic drive for the 2 winders with variable speed drive

### The lockers

- Aluminium side support with collars on the side of the tank
- Toolbox, gabion and various holders
- Design kit [side panels]

### Control panel

- 1 rear control panel
- 1 radio remote control + loss prevention

### Equipment and accessories

- 120 metres of 2 braid 3/4" HP hose + 60 metres of 2 braid 1/2" HP hose
- Cleaning heads with holders
- 1 filling hose Ø70 mm with DN 70 symmetrical fittings
- Ladder holder with ladder
- 2 work lights + 2 rotating lights
- 3 x 8 metres of DN 80 pumping pipe with 1 suction tube
- 1 electrically operated tri-flash triangle



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