

# IMPERIAL

RAPID RESPONSE VEHICLE



6000 Litres



Payload between  
2,900 and 5,000 kg



≤ Ø 600 mm



106/120/145/180 L/min



200/180/200 bars



680.5/240/342.7 cm



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



## Piping maintenance

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

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# IMPERIAL

## RAPID RESPONSE VEHICLE



## DESCRIPTION

### Fixed-bulkhead aluminium tank

- 2 compartments of a total capacity of 6000 L

### 3500 L capacity sludge tank

- Fully opening rear door with rubber seal
- Hydraulic bottom closure using 4 bolts
- Bottom opening using 1 hydraulic cylinder to tip the tank and 1 safety stand
- DN 100 suction and drainage valves on the top and rear of the tank
- Pneumatically operated valves

### 2500 L capacity water tank

### Vacuum pump suction

- Air-cooled vane pump
- Excess pressure protection, vacuum breaker valve and safety valve
- 1 pressure/vacuum gauge
- External ball safety device on the tank with removable reservoir
- Ball safety device on the tank with removable reservoir
- Oil-removal filter and noise damper

### 3-piston solid ceramic HP pump

- Flow/Pressure 106 L/min at 200 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
- 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
- Ladder holder with ladder
- 2 work lights + 2 rotating lights
- 4 x 3 metres of DN 100 pumping pipe with 1 suction tube
- 1 electrically operated tri-flash triangle



For more information, contact us:

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