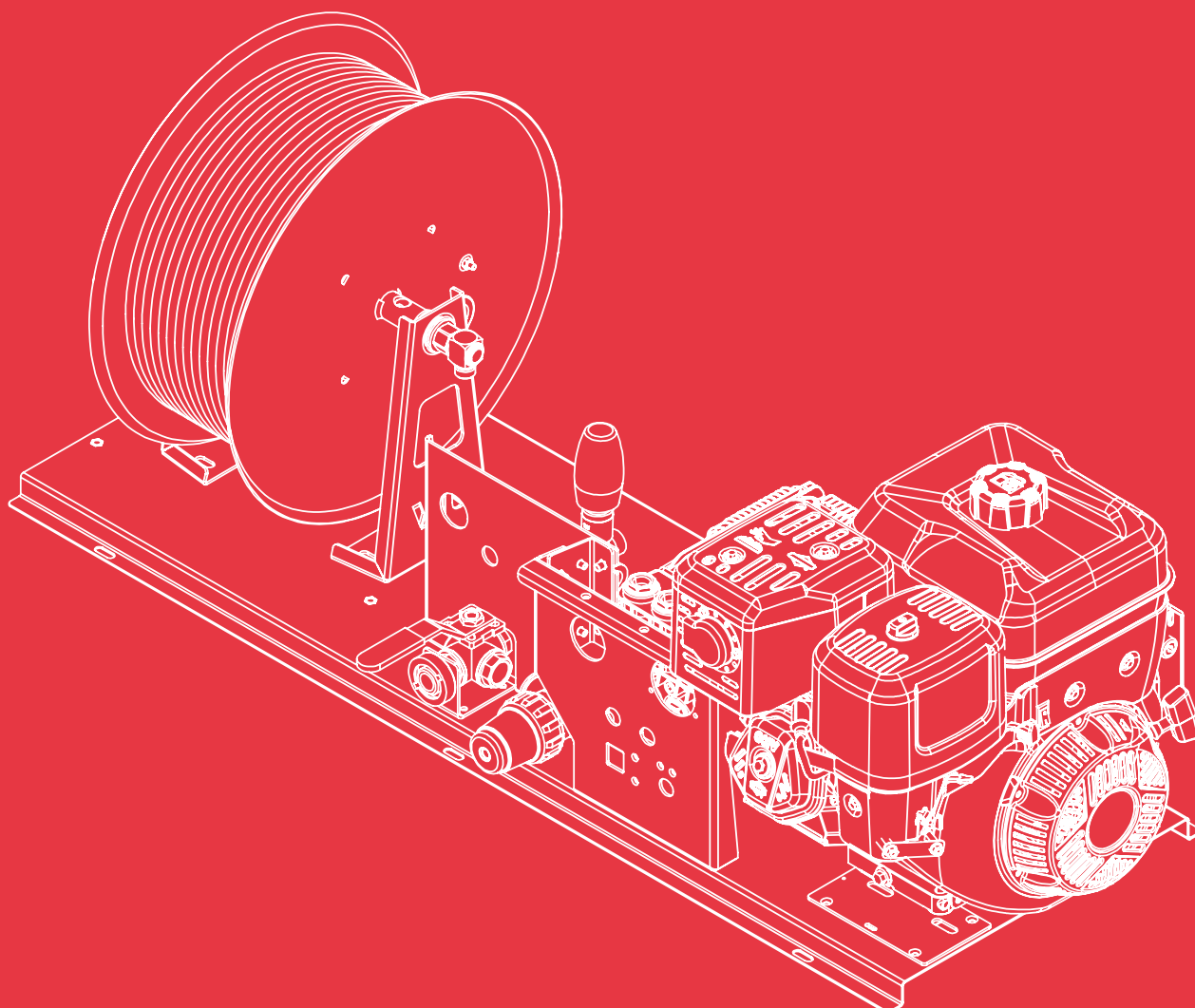


# Skid Unit with a membrane pump

Tankless  
Medium pressure



# Skid unit with a membrane pump

Medium pressure | Up to 50 bar

Rapid intervention extinguishing module designed to be connected to any adapted tank and transported on pickup vehicles and trailers, 100% customizable. Equipped with membrane pumps up to 50 bar with a maximum flow of up to 80 L/min.

- High-quality components and great replacement part availability
- The best quality/price ratio
- 2 year warranty



## What is included?

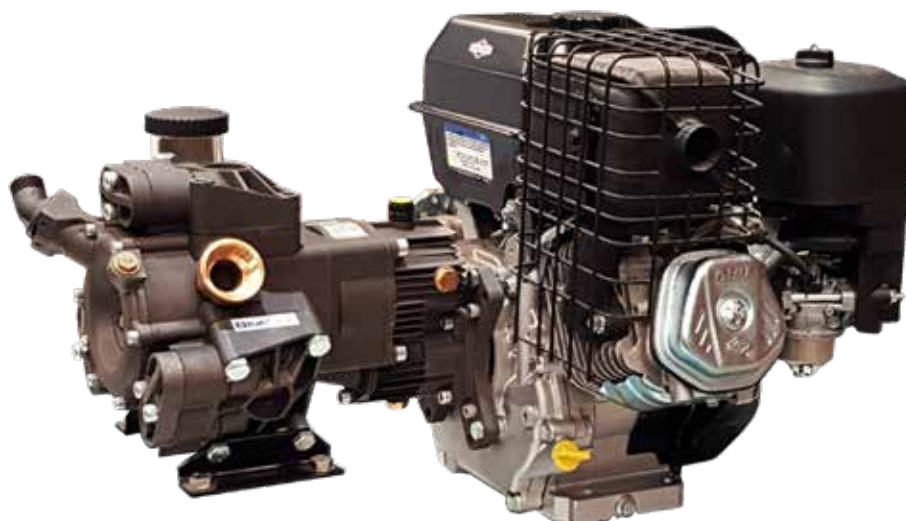
<b>Motor</b>	<b>Gasoline</b> (4.8 - 13.5 HP)   <b>Diesel</b> (11 HP)
<b>Membrane pump</b>	From 36 L/min.   40 bar to 80 L/min.   50 bar
<b>Quick attack winder</b>	Equipped with a high-pressure hose
<b>Attack nozzle</b>	Water
<b>Suction oversleeve</b>	5 m long

## Uses

<b>Wildland fires</b>	Recommended use
<b>Container and vehicle fires</b>	Recommended use
<b>Cleaning and unclogging</b>	Less recommended

# 1 Motor pump unit

Available options. 4-stroke gasoline or diesel combustion motors and membrane pumps.



Motors	Power*	Pump	Max. pressure **	Max. flow **
B&S XR950	6.5 HP	AR30	40 bar	36 l/min
Honda GX160	4.8 HP	AR30	40 bar	36 l/min
B&S XR1450	10 HP	AR503	40 bar	54 l/min
B&S XR2100	13.5 HP	AR813	50 bar	80 l/min
Lombardini 15LD440	11 HP	AR813	50 bar	80 l/min

Gasoline motor.     Diesel motor.

\* The nominal engine power indicated in this document is the net power tested on a production engine for the engine model pursuant to SAE J1349 (HONDA) / SAE J1940 (Briggs& Stratton) / ISO 1585 (Lombardini) at a specific speed. This value may vary in mass produced motors. The actual output power of the engine installed on the end machine will vary depending on a number of factors such as the applicable engine operating speed, the environmental conditions, maintenance and other variables.

\*\* These values are at direct pump outlet.

\*\*\* The power, pressure and flow values are valid in working conditions: temperature 25°C at sea level. **IMPORTANT:** Engine power will decrease 3.5% for every 300 meters above sea level and 1% for each 5.6°C above 25°C.



## 2 Components included

### 2.1 Control panel

Control panel with LED light switch, pressure gauge time counter and skid unit emergency stop.\*

**TECHNICAL DATA**

- Baked paint coating.
- \*Skid units without batteries do not have light, nor time counter.



### 2.2 Winder

Made of anti-corrosive material with a manual starting crank and lock system.

**TECHNICAL DATA**

- Capacity for 50 m long DN12 hose\*



### 2.3 Suction oversleeve

Clear flexible PVC spiral absorption oversleeve with rigid PVC spiral and smooth inner surface. Includes non-return foot valve and filter. Includes a Storz connector for connection to the Vallfirest skid unit.

**TECHNICAL DATA**

- Length: 5 m
- Oversleeve diameter: DN25 (1") or DN40 (1-1/2") depending on the pump
- Weight: 2.2 kg (DN25) or 4 kg (DN40)



### 2.4 Hose

DN12 (1/2") 50 meter semi-rigid hose. Comprised of an inner layer of synthetic rubber reinforced with a metal mesh and coated in abrasion-resistant synthetic rubber. Features a quick water and foam nozzle connection system.

**TECHNICAL DATA**



- SAE 100 R1AT DN12 (1/2"): 160 bar operating pressure, 0.45 kg/m weight



### 2.5 Water nozzle

High-pressure and high-range nozzle. Adjustable angle. Interchangeable ceramic nozzle tip and quick connection system.

**TECHNICAL DATA**

- Maximum pressure: 60 bar
- Maximum flow: 110 L/min.
- Concentrated stream > 
- Hollow cone/fog stream > 



## 3 Optional accessories

### 3.1 Foam nozzle

High-pressure and high-range nozzle. Adjustable angle. With quick connection system.\*

#### TECHNICAL DATA

- Maximum pressure: 280 bar
- Maximum flow: 50 L/min
- Concentrated stream > —
- Hollow cone/fog stream > ◊



### 3.2 Foam-forming agent proportioner system

Compact and easy-to-use, foam mixing with a proportional manual selector valve. Creates a stable mix of foam-forming agent in the water. Venturi effect "in line eductor" system which mixes water and foam-forming agent in the drive circuit.

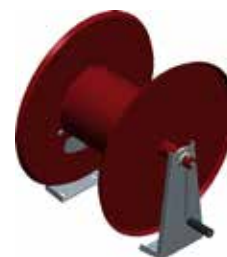


### 3.3 100 m Manual winder

Made of anti-corrosive material with a manual starting crank and lock system.

#### TECHNICAL DATA

- Capacity for 100 m flat 25 hose



### 3.4 Electric winder

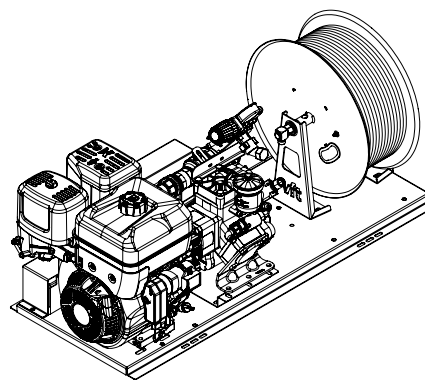
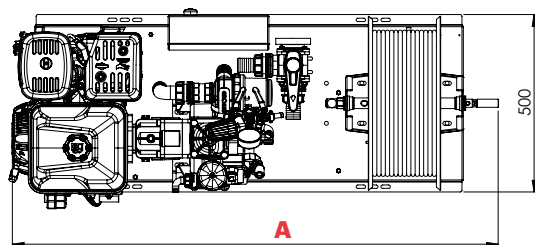
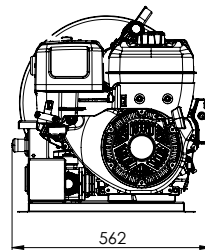
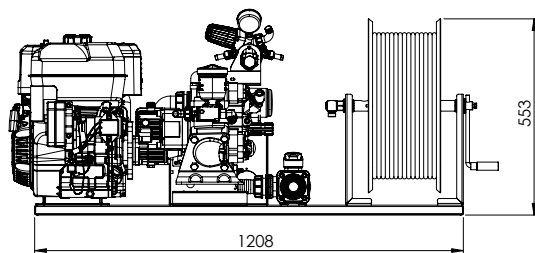
Made of anti-corrosive material. With an electric rewinder with a 12V motor.

#### TECHNICAL DATA

- Capacity for 50 DN12 (1/2") hose
- Ask for longer hose lengths..



## 4 General dimensions



## 5 Available Configurations

Ref. VFT	Tank	Motor	Battery and electric start	Power *	Pump	Max. Pressure **	Max. Flow **	Approx dry Weight	A [mm]
DVD0900-G30A0	450 VD	B&S XR950	NO	6.5 HP	AR30	40 bar	36 l/min		1145
DVD0900-G31A0	450 VD	Honda GX160	NO	4.8 HP	AR30	40 bar	36 l/min		1145
DVD0900-G34A0	450 VD	B&S XR1450	YES	10 HP	AR503	40 bar	54 l/min		1360
DVD0900-G37A0	450 VD	B&S XR2100	YES	13.5 HP	AR813	50 bar	80 l/min		1370
DVD0900-D32A0	450 VD	Lombardini 15LD440	YES	11 HP	AR813	50 bar	80 l/min		1375

Gasoline motor.       Diesel motor.

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