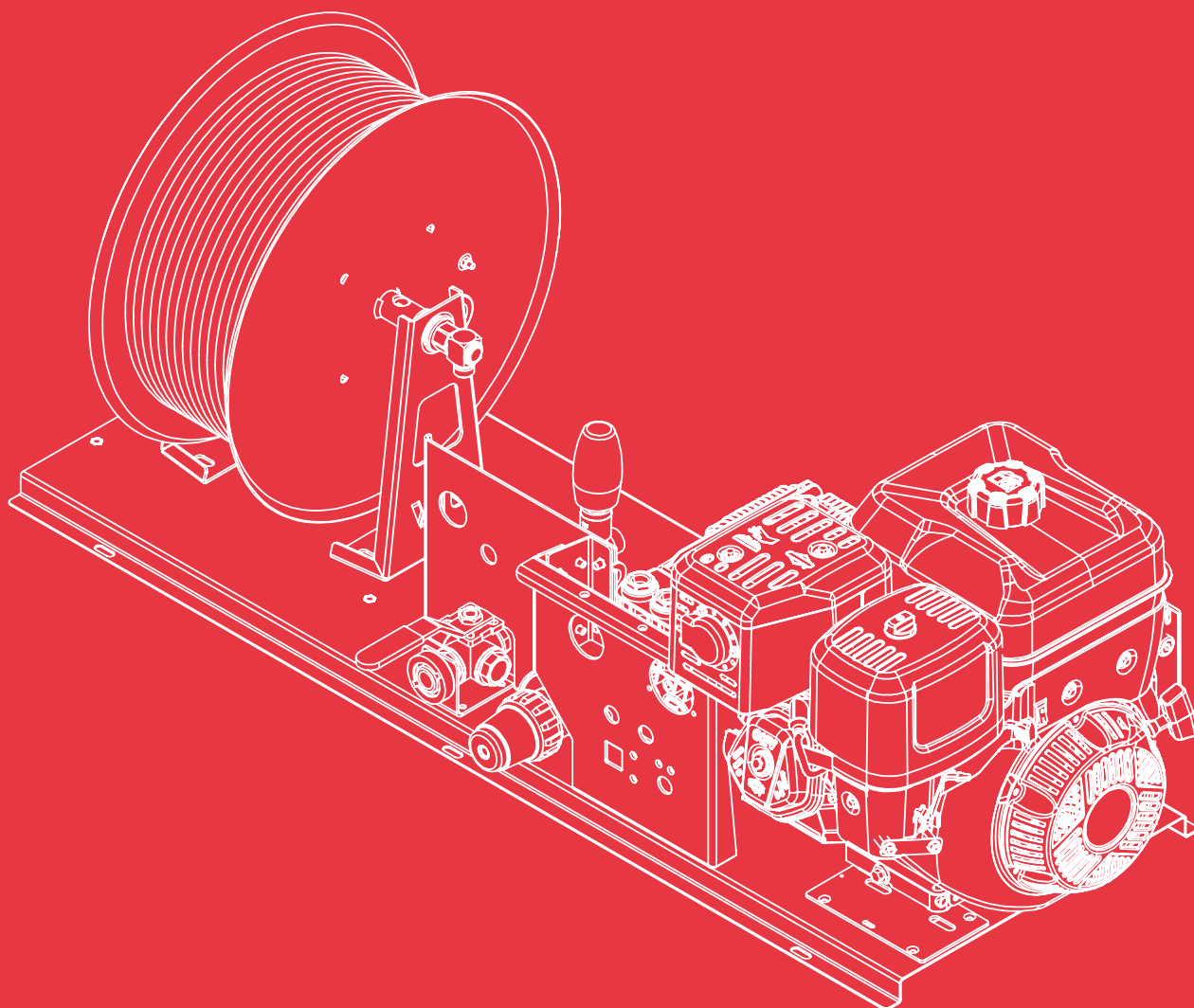


Skid unit with a piston pump

Tankless
High pressure



Skid Unit with a piston pump

High pressure | Up to 200 bar

Rapid intervention extinguishing module designed to be connected to any adapted tank and transported on pickup vehicles and trailers, 100% customizable. Equipped with piston pumps up to 200 bar with a maximum flow of up to 42 L/min.

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



What is included?

Motor	Gasoline 13.5 HP
Piston pump	From 42 l/min 100 bar to 21 l/min 200 bar
Quick attack winder	Equipped with a high-pressure hose
Attack nozzle	Multi-purpose water and foam
Suction oversleeve	5 m long
Foam-forming agent proportioner system	2.5mm injector

Uses

Wildland fires	Less recommended
Container and vehicle fires	Recommended use
Cleaning and unclogging	Recommended use

1 Motor pump unit

Available options. 4-stroke gasoline combustion motors and 3-piston high-pressure volumetric pumps.



Motor	Power *	Pump	Max. pressure **	Max. flow **
B&S XR2100	13.5 HP	XWL 42.10 N	100 bar	42 l/min
B&S XR2100	13.5 HP	XW 21.20 N	200 bar	21 l/min

☐ Gasoline 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 J1940 (Briggs & Stratton) 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, pressure regulator, filter, valves for suction and water drive, and foam percentage regulation knob.

TECHNICAL DATA

- Baked paint coating



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 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.



2.4 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")
- Weight: 2.2 kg (DN25)



2.5 Hose

DN12 (1/2") or DN10 (3/8") rigid hose as per the pump model. Comprised of an inner layer of synthetic rubber reinforced with 1 metal mesh (R1AT) or 2 meshes (R2AT). Features a quick connection system for a multi-purpose water and foam nozzle.

TECHNICAL DATA

Hose type as per the operating pressure:




- SAE 100 R1AT DN12 (1/2"): 160 bar operating pressure, 0.45 kg/m weight
- SAE 100 R2AT DN12 (1/2"): 275 bar operating pressure, 0.65 kg/m weight
- Ask for other hose lengths



2.6 Multi-purpose nozzle

High-pressure and high-range nozzle for water and foam. With quick connection system.*

TECHNICAL DATA

- Maximum pressure: 200 bar
- Maximum flow: 45 L/min.
- Concentrated stream > 
- Hollow cone/fog stream > 
- Foam stream > 





3 Optional accessories

3.1 Nozzles

Water

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

TECHNICAL DATA



- Maximum pressure: 220 bar
- Maximum flow: 45 L/min.
- Concentrated stream > 
- Hollow cone/fog stream > 



Foam

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

TECHNICAL DATA

- Maximum pressure: 280 bar
- Maximum flow: 45 L/min.
- Concentrated stream > 
- Hollow cone/fog stream > 

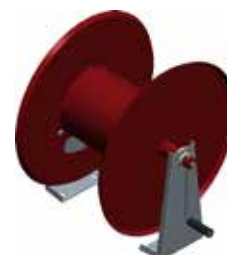


3.2 100 m Manual winder

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

TECHNICAL DATA

- Capacity for 100 m flat 25 hose



3.3 Electric winder

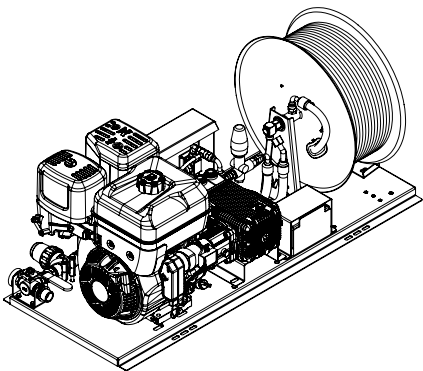
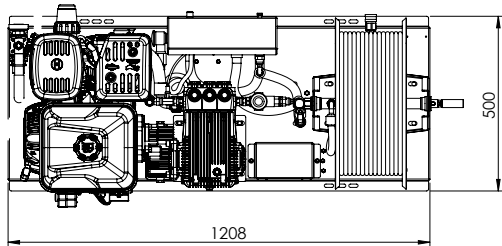
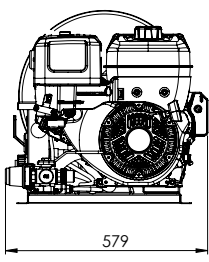
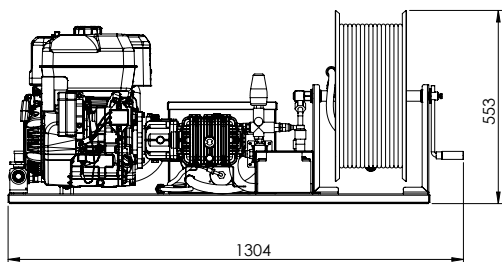
Made of anti-corrosive material. With an electric rewinder with a 12V motor.

TECHNICAL DATA

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



4 General dimensions



5 Available configurations

Ref. VFT	Motor	Battery and electric start	Power *	Pump	Max. Pressure **	Max. flow **	Approx dry weight
DVD0900-G63A0	B&S XR2100	YES	13,5 HP	XWL 42.10 N	100 bar	42 l/min	
DVD0900-G67A0	B&S XR2100	YES	13,5 HP	XW 21.20 N	200 bar	21 l/min	

☐ Gasoline motor.

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Any questions? Contact us: clientes@vallfirest.com | T. +34 938 678 779