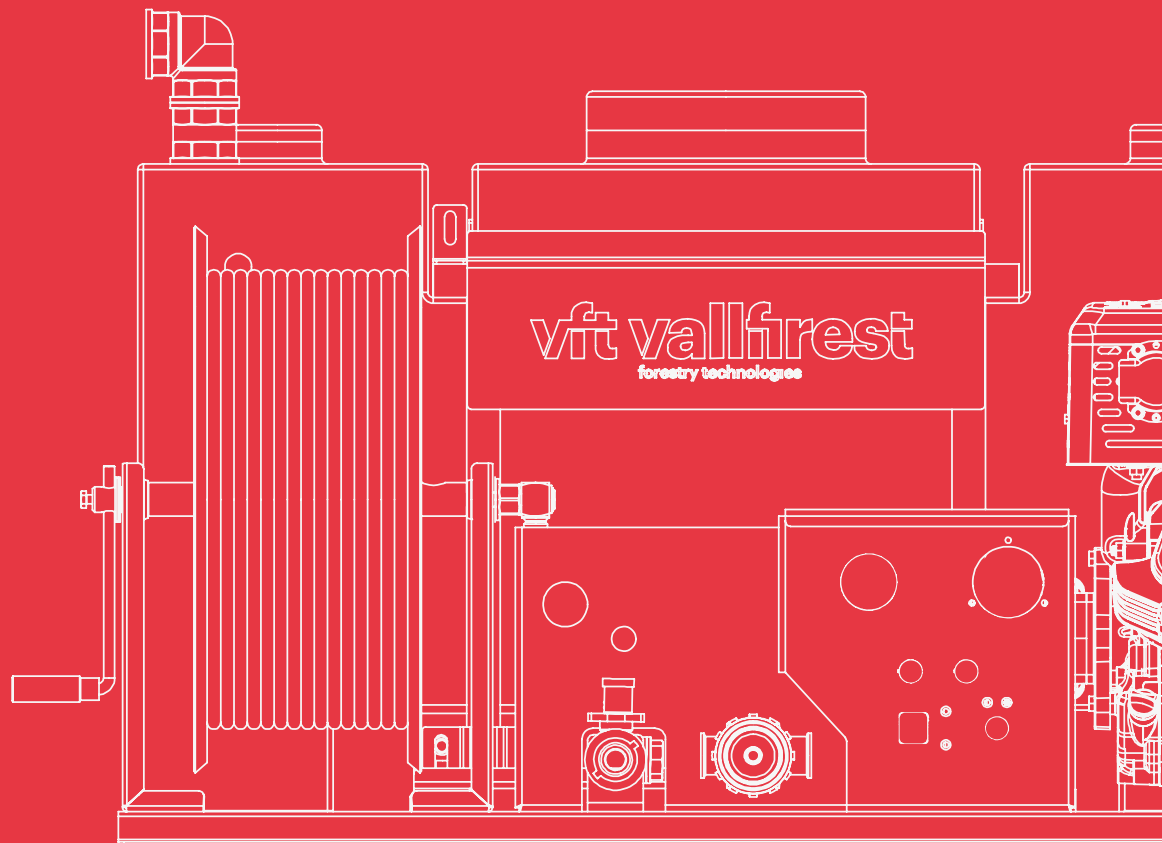


# Skid unit with a centrifugal pump

Rotomolded polyethylene tank  
Low pressure

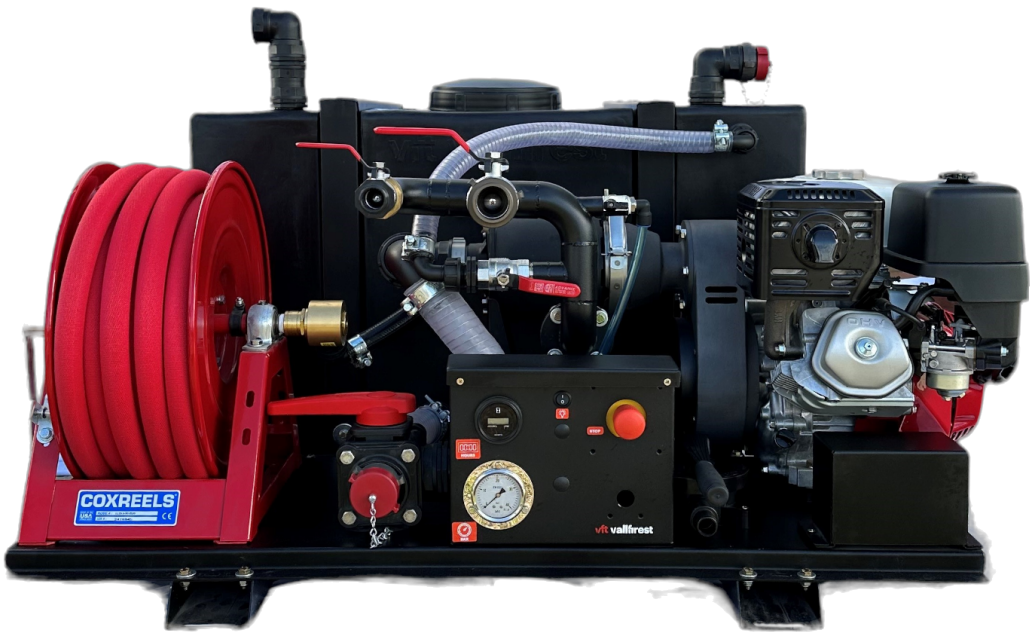


# Rotomolded polyethylene skid unit with a centrifugal pump

Low pressure | Up to 232 PSI

Rapid intervention skid units designed for pickup vehicles and trailers, equipped with centrifugal pumps up to 232 PSI with a maximum flow of up to 71.5 gal/ min.

- High-quality components and great replacement part availability
- Durable tanks made of rotomolded polyethylene
- The best quality/price ratio
- 2 year warranty



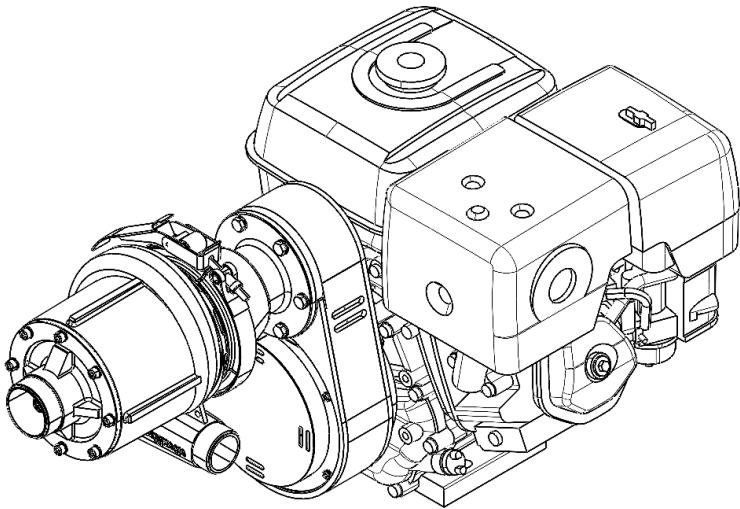
What is included?

Motor	Gasoline (10 HP)
Centrifugal pump	Up to 71.5 gal/min   232 PSI
Quick attack hose reel	Mounted on the main structure - 75 feet
Water tank	105 gal (400 L )
Suction hose with foot valve	8 feet long - 1.5 - 2 NPSH

Uses

Wildland fires	Recommended use
Container and vehicle fires	Recommended use
Cleaning and unclogging	Not recommended

# 1 Motor pump unit



Motor	Power*	Pump	Max. pressure**	Max. flow**
B&S XR10	10 HP	VFT_3SP	232 PSI	71.5 Gal/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 J1349 (HONDA) / 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.

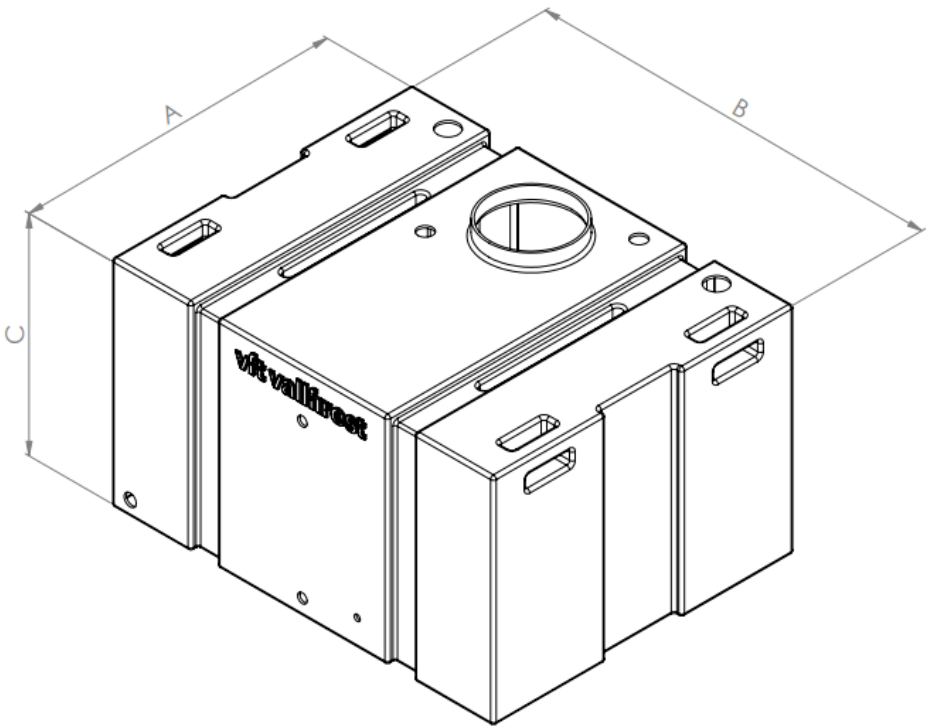
\*\*\* The power, pressure and flow values are valid in working conditions: temperature 25°C at sea level. **IMPORTANT:** Engine power will decrease 3.5% for every 300 meters above sea level and 1% for each 5.6°C above 25°C.



## 2 Water tank

Polyethylene tanks make the entire skid unit lighter. Vallfirest skid units with a polyethylene tank are designed to concentrate the skid unit load in the area closest to the vehicle cabin, avoiding wheel arches on pickup vehicles and optimizing the available space.

- Made of seamless polyethylene via rotational molding.
- 2 longitudinal baffles to prevent water from moving to the side to ensure vehicle stability.
- 1 1-1/2" filling spout on the top with couplings to fill the tank from a hydrant or exterior pressurized water source.
- 1 configurable 1-1/2" high vent on the top.
- 1 threaded inspection cover with a useful diameter of 200 mm to inspect the tank.
- A water level indicator over connecting ducts.
- A conveniently 3/4" drain to empty the tank.
- Pump return connection to fill the tank by drafting.
- The tank connects to the vehicle with lateral mounting points .
- Black natural color.



A: Depth  
B: Width  
C: Height

Standard colors		Tank dimensions		
Black		Tank	A [inch]	B [Inch]
				C [Inch]
		105 Gal	31.49	41.33
				21.85

## 3 Components included

### 3.1 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.
- \* Skid units with BH1 pump only have pressure gauge.

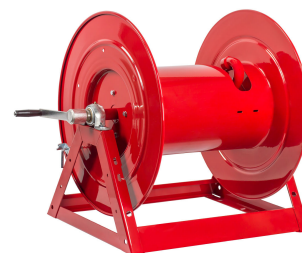


### 3.2 Hose reel

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

#### TECHNICAL DATA

- Capacity:
  - 75 feet 3/4" GHT booster hose
  - 50 feet 1" lightweight textile booster hose



### 3.3 Hose

#### GHT booster hose

Flexible EPDM synthetic rubber reinforced hose with spiral synthetic yarn for extra strenght. Abrasion, crack and kink resistant with non corrosion brass couplings.

#### TECHNICAL DATA

- Working Pressure: 200 PSI // Burst Pressure: 300 PSI
- Standard length: 75 feet
- Internal diameter: 3/4"



#### Lightweight textile booster hose

Strong and flexible hose with exceptional heat, abrasion, chemical and kink resistance with a EPDM rubber lining making the hose unaffected by Ozone deterioration.

#### TECHNICAL DATA

- Working Pressure: 300 PSI // Burst Pressure: 600 PSI
- Standard length: 50 feet
- Internal diameter: 1"



### 3.4 Suction hose

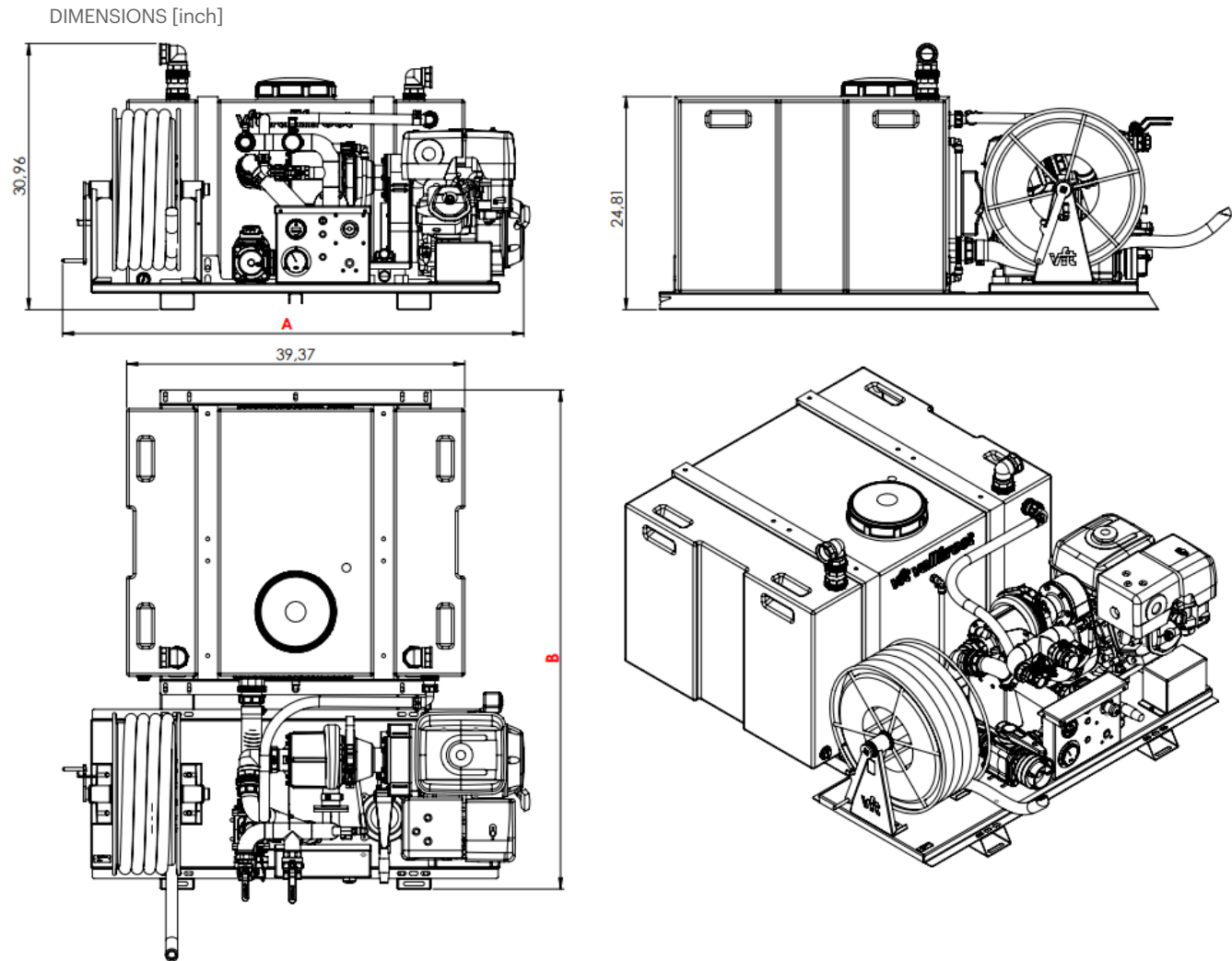
Clear flexible PVC spiral suction hose with rigid PVC spiral and smooth inner surface. Includes vft foot valve.

#### TECHNICAL DATA

- Length: 8 feet
- Suction hose diameter: DN 1.5" // 2"



# 4 General Dimensions



# 5 Configurations available

Ref. VFT	Tank	Motor	Battery and electric start	* Power	Pump	** Max. Pressure	** Max. Flow	A [inch]	B [inch]	Approx dry weight
DVS134V-BH3A0	105 Gal	B&S XR 10	YES	10 HP	VFT_3SP	232 PSI	71.5 Gal/min	53.68	58.03	405 lbs

☐ 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 J1349 (HONDA) / 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.

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