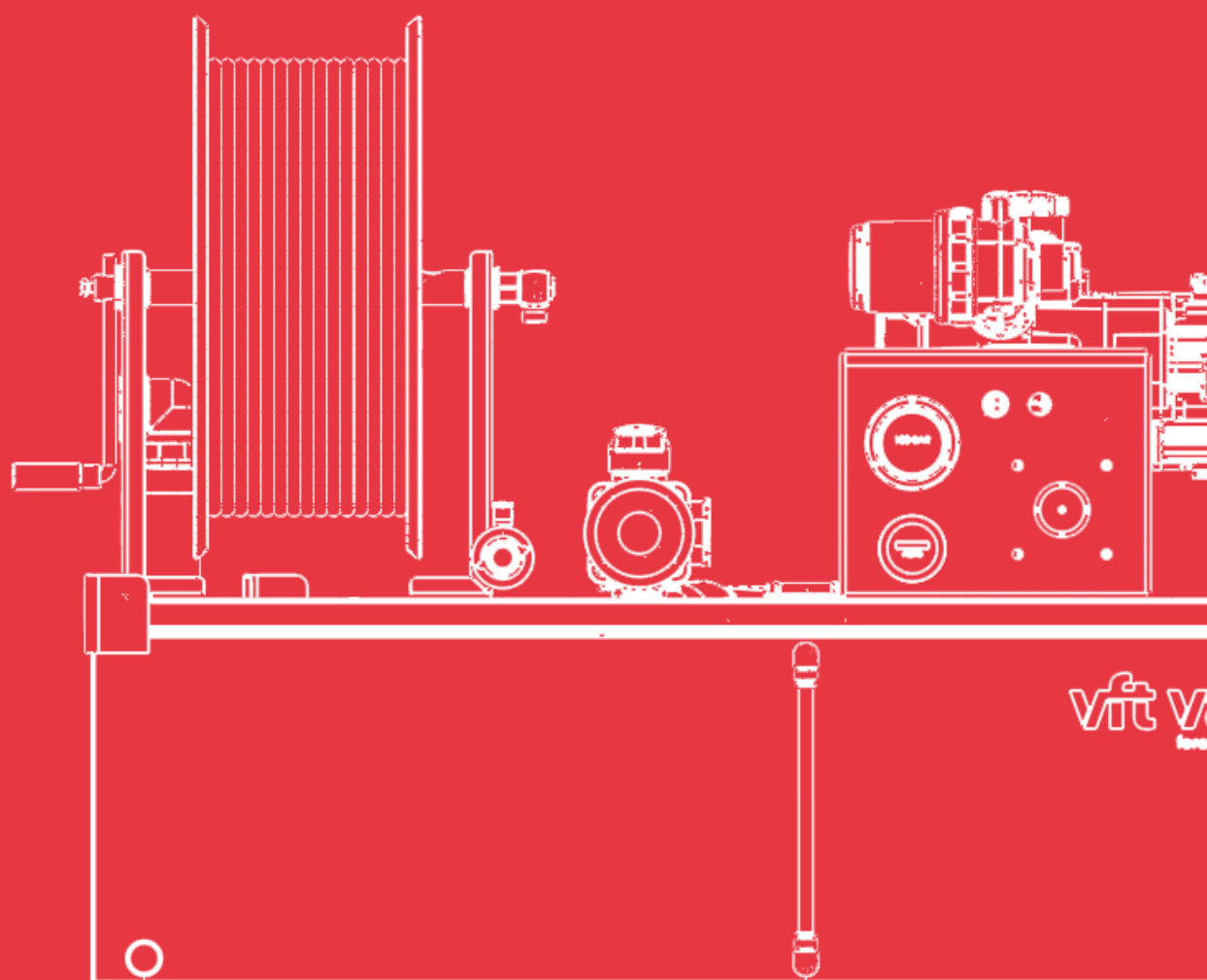


Skid unit with a centrifugal pump

Horizontal stainless steel tank
Low pressure



Horizontal skid unit with a centrifugal pump

Low pressure | Up to 25 bar

Rapid intervention skid units designed for pickup vehicles and trailers, equipped with centrifugal pumps up to 25 bar with a maximum flow of up to 390 L/min.

- High-quality components and great replacement part availability
- Resistant tanks made of 2 mm AISI-304 stainless steel
- The best quality/price ratio
- 2 year warranty



What is included?

Motor	Gasoline (2.1 - 13.5 HP)
Centrifugal pump	From 260 l/min 6,9 bar to 390 l/min 25 bar
Quick attack winder	Mounted on the main structure
Water tank	450 L or 600 L
Suction oversleeve	5 m long

Uses

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

1 Motor pump unit

Available options. 4-stroke gasoline combustion motors and low-pressure centrifugal pumps.



Motor	Power*	Pump	Max. pressure **	Max. flow **
Honda GXH50	2.1 HP	VFT_1SP4	6.9 bar	260 l/min
B&S XR1450	10 HP	2RD 50/9	12 bar	258 l/min
B&S XR2100	13.5 HP	2RD 50/13	15.5 bar	275 l/min
Honda GX390	11.7 HP	VFT_4SP	25 bar	390 l/min
B&S XR2100	13.5 HP	VFT_4SP	25 bar	390 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 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.

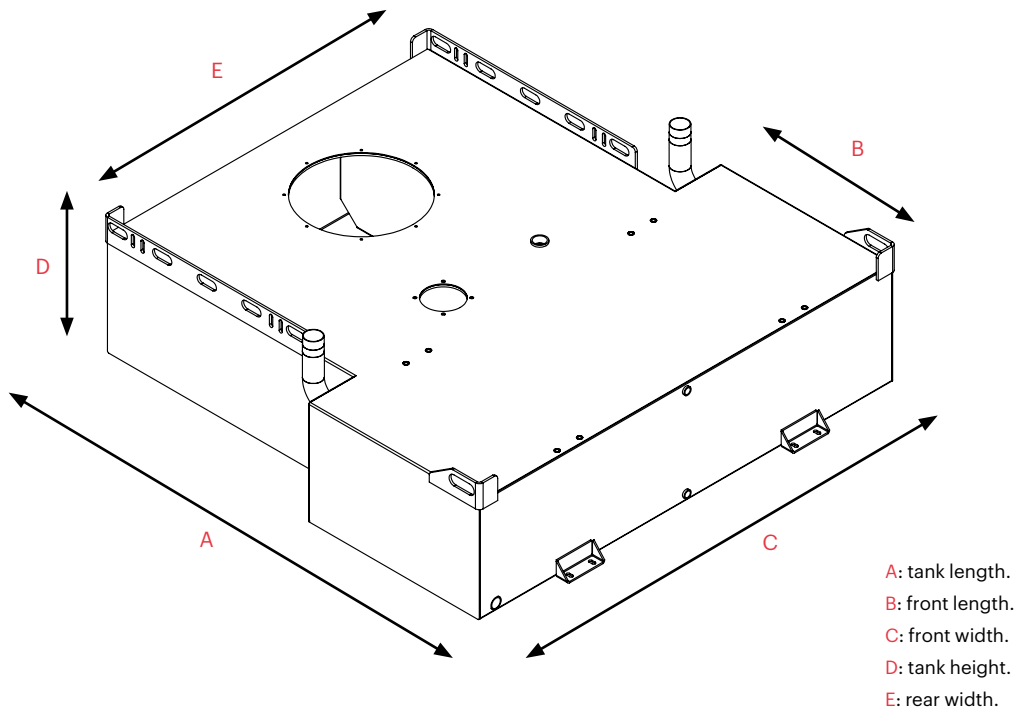
*** The power, pressure and flow values are valid in working conditions: temperature 25°C at sea level. **IMPORTANT:** Engine power will decrease 3.5% for every 300 meters above sea level and 1% for each 5.6°C above 25°C.



2 Water tank

Vallfirest horizontal stainless steel tanks have an optimized design that provides a low center of gravity under the skid unit for greater vehicle stability. The shape can be adjusted to the dimensions of the loading area to optimize the available space.

- Made of 2 mm AISI-304 stainless steel.
- 2 longitudinal and 1 transversal breakwaters to prevent water from moving to the side to ensure vehicle stability.
- 1 1-1/2" filling spout on the top with couplings (Barcelona, Storz, Guillemin or others) to fill the tank from a hydrant or pressurized external water source.
- 1 configurable 1-1/2" high vent on the top.
- 1 hinged inspection cover with a useful diameter of 320 mm to inspect the tank.
- A water level indicator over connecting ducts.
- A 3/4" drain to empty the tank.
- Pump return connection to fill the tank by suctioning water from a non-pressurized external water source.
- The tank connects to the vehicle with 4 fixing points.
- Features 4 hoisting points to load and unload the skid unit safely.
- Enameled.



Standard colors		Tank dimensions					
Yellow White Red Stainless Steel Customizable color upon customer request.		Tank	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
		450 HD	1380	570	1300	370	1010
		600 HD	1380	570	1300	480	1010

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.
- * DVD1445-BH1A0 and DVD1460-BH1A0 skid units only have pressure gauge.



3.2 Winder

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

TECHNICAL DATA

- Capacity for 40 m flat 25 hose*
- * Option available: winder with capacity for 20 m semi-rigid DN25 hose (already included in DVD1445-BH1A0 y DVD1460-BH1A0 skid units)



3.3 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: DN40 (1-1/2") or DN50 (2") depending on the pump
- Weight: 4 kg (DN40) or 5.5 kg (DN50)

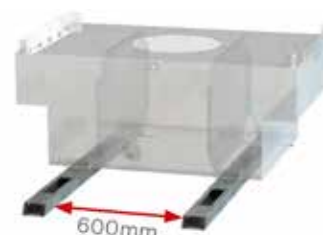


3.4 Tank lifting structure

Tank frame enabling the tank to be lifted and transported by means of a pallet jack or forklift.

DATOS TÉCNICOS

- 100*50*2 mm steel tube, 1400 mm long section.
- Durable powdercoated finish.



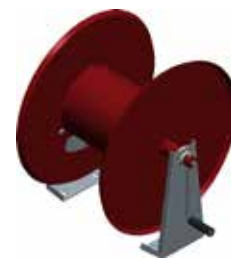
4 Optional accessories

4.1 100 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



4.2 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. "Through the pump" system in which the water and foam-forming agent mix circulates through the pump body.

4.3 Water nozzle

vft SG540 wildland nozzle with four adjustable flow rates. Compatible with proportioners. Good performance in extreme conditions, easy maintenance, resistant and long-lasting. Additional bleed-cleaning position.

TECHNICAL DATA

- Maximum pressure: 30 bar
- Adjustable flow 19/37/90/150 L/min.
- Weight: 1.25 kg
- Coupling: Barcelona / Storz / DSP / NH



4.4 Foam nozzle

Viper Foam 1560 low-expansion foam nozzle made of light aluminum. Anodized surface for greater durability. Rotating inlet easily adaptable to any connector.

TECHNICAL DATA

- Maximum pressure: 7 bar
- Maximum flow: 133 L/min.
- Coupling: Barcelona / Storz / DSP / NH



4.5 Thermoplastic nozzle tip

Highly robust thermoplastic nozzle tip - ideal for wildland use. Turning the nozzle tip shuts off the flow of water or changes the type of stream.

TECHNICAL DATA

- Direct close, solid stream and self-protection stream effects
- Fixed teeth
- Fixed flow
- 7 bar maximum pressure
- Reach: 22 m
- Weight: 300 g
- Coupling: Barcelona / Storz / DSP / NH / 1 1/2" BSP fixed thread



4.6 Hoses

DN25 semi-rigid

Three-layer hose for low-pressure systems. Made of high-tenacity circularly woven 100% synthetic thread, completely protected and encapsulated with a mix of PVC and high-resistance synthetic nitrile rubber extruded through the fabric to form a single homogeneous structure without glue or adhesives.

TECHNICAL DATA

- Maximum pressure: 20 bar
- Standard length: 20 and 50 m bands
- Nominal diameter: 25 mm



3-layer flat

Three-layer hose for use under low pressure in two 20 m bands made of circular woven fabric, 100% high-tenacity thread, completely protected by a layer of synthetic rubber to create a homogeneous structure.

TECHNICAL DATA

- 40 bar maximum pressure
- 25 or 45 mm hose section
- Available with Storz, Barcelona, DSP or NH connector



4.7 Tool carrier structure

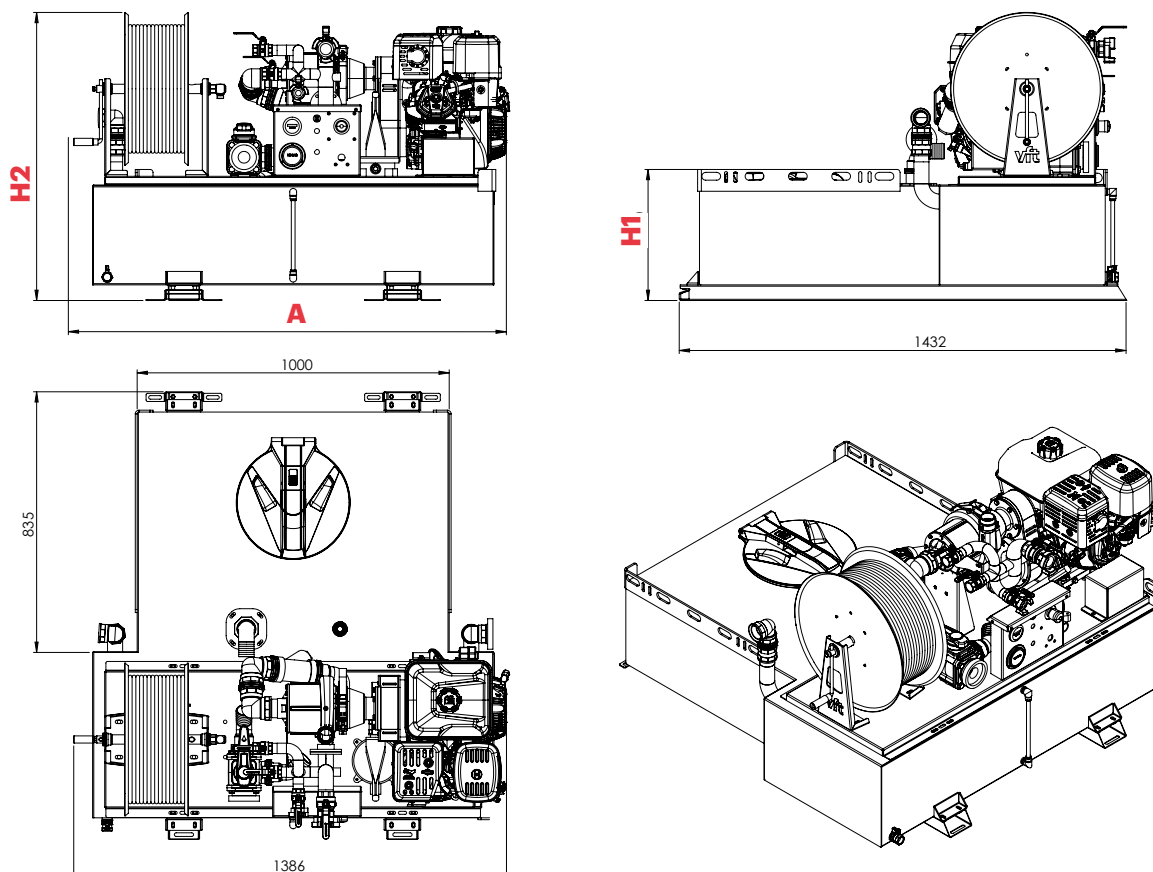
Different possibilities; fully customizable. The operability of pickup vehicles is increased with tool carrier structures accompanying the skid units: manual tools, drip torches, chainsaws, water packs, combat packs.

TECHNICAL DATA

- Features a tool carrier cabinet
- Features an equipment carrier tray with a railing
- Approximate total weight: 30 kg



5 General dimensions



6 Configurations available

Ref. VFT	Tank	Motor	Battery and electric start	Power *	Pump	** Max. pressure	** Max. flow	Approx dry weight	H1 [mm]	H2 [mm]	A [mm]
DVD1445-BH1A0	450 HD	Honda GXH50	NO	2.1 HP	VFT_1SP4	6.9 bar	260 l/min		420	930	1300
DVD1445-GO4A0	450 HD	B&S XR1450	YES	10 HP	2RD 50/9	12 bar	258 l/min		420	930	1350
DVD1445-GO7A0	450 HD	B&S XR2100	YES	13.5 HP	2RD 50/13	15.5 bar	275 l/min		420	930	1350
DVD1445-BH4A0	450 HD	Honda GX390	YES	11.7 HP	VFT_4SP	25 bar	390 l/min		420	930	1385
DVD1445-BH4A2	450 HD	B&S XR2100	YES	13.5 HP	VFT_4SP	25 bar	390 l/min		420	930	1385
DVD1460-BH1A0	600 HD	Honda GXH50	NO	2.1 HP	VFT_1SP4	6.9 bar	260 l/min		530	1040	1300
DVD1460-GO4A0	600 HD	B&S XR1450	YES	10 HP	2RD 50/9	12 bar	258 l/min		530	1040	1350
DVD1460-GO7A0	600 HD	B&S XR2100	YES	13.5 HP	2RD 50/13	15.5 bar	275 l/min		530	1040	1350
DVD1460-BH4A0	600 HD	Honda GX390	YES	11.7 HP	VFT_4SP	25 bar	390 l/min		530	1040	1385
DVD1460-BH4A2	600 HD	B&S XR2100	YES	13.5 HP	VFT_4SP	25 bar	390 l/min		530	1040	1385

HD: horizontal tank, double cabin.

Gasoline motor.

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