



**TRIOCEROS IS A HIGH-PRESSURE APPARATUS FOR EXTINGUISHING SMALL FIRES, ESPECIALLY DESIGNED FOR SMALL 4WD FIREFIGHTING VEHICLES. IT COMBINES THE ADVANTAGES OF HIGH PRESSURE AND CLASS A FOAMS CONCENTRATES.**

### TRIOCEROS

- **Pump** : 21 l/mn
- **Pressure** : 200 bar
- **Dosage** : 0.1 to 1% (Specific studies possible)
- **Engine** : Petrol 11CV  
Diesel 12CV
- **Start up** : Electric and manual
- **Reel** : Hose 25m (other lengths possible)

### SYSTEM BENEFITS

#### **ECONOMICAL**

Using high-pressure allows to reduce the needs of water with high efficiency thanks to the CLASS A foam concentrate. In areas of difficult access, this strongly increases the extinguishing autonomy.

#### **EFFECTIVE**

High pressure allows to shrink the size of the water drops, therefore increasing the cooling power of the water by catching more heat.

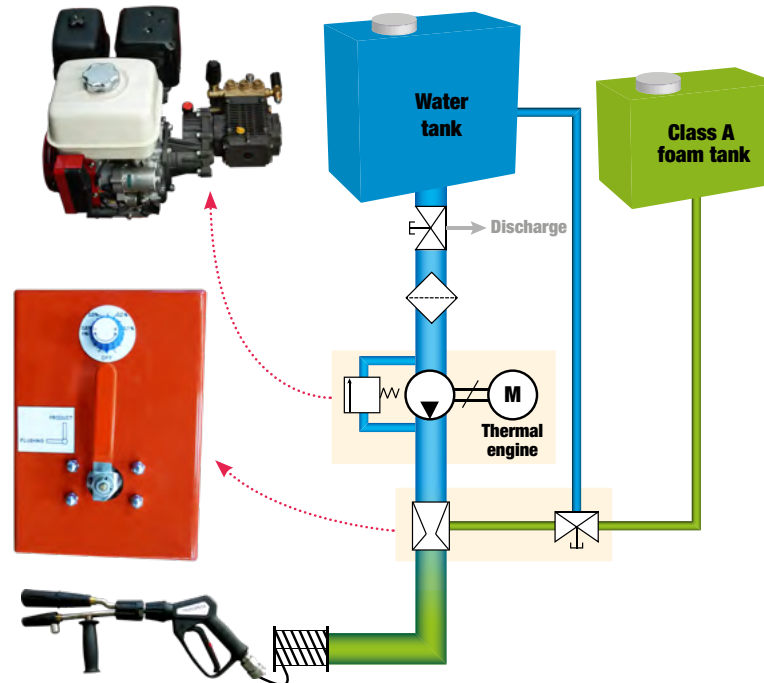
#### **UPGRADABLE**

TRIOCEROS is adaptable on any material and vehicles. A wide variety of options allows to build a tailor-made solution (tanks, reels, undercarriage).

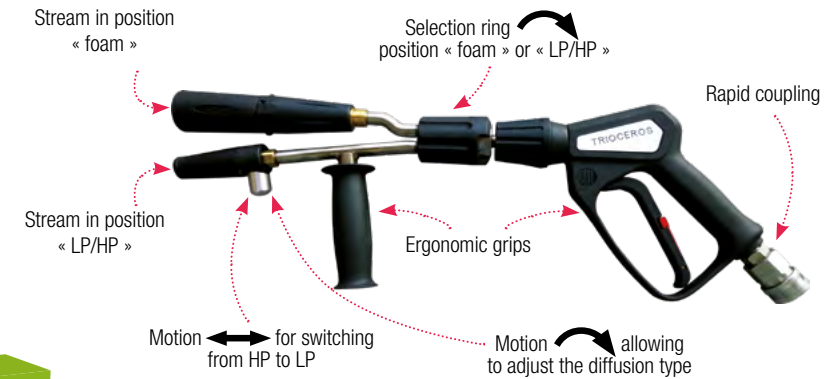
#### OPERATING PRINCIPLE

From the start of the thermal engine, the pump rises in pressure. Opening the nozzle makes the engine accelerate and set the pressure at 200 bar. Then, the user chooses the position of the nozzle : water mist, added water or foam and inject the foam concentrate. The user just has to open the product's valve and to set the concentration with the thumbwheel.

#### OPERATING DIAGRAM



#### HIGH PRESSURE NOZZLE



#### **EXTINGUISHING**

The high pressure nozzle offers 3 positions :

- Position «high pressure» water mist spray stick or diffused, for a better cooling of the fire attack area.
- Position «low pressure» spray stick with addition of class A foam concentrate to get an added water particularly efficient on brush fires.
- Position «foam» allowing to project a semi-humid foam (overrun 10) on any material. Perfect against small urban fires (trash cans, cars...).

## ACCESSORIES



### Isolating valve

This HP valve allows to add new hose sections while engine is still running



### Hydro injector for refilling the water tank

The high pressure of the Trioceros allows to suck water (from a swimming pool, lake, reservoir, well), filtered by a grid, in order to refill the water tank.



### Vaacum clenaer function

Designed for discharging any kinds of garbage, algae or sludge, mud..., this accessory is easily plugged into the hose in place of the nozzle. It allows to suck water in case of small flooding.

Suction capability : 250 l/mn



### Hose + couplings

This 25 meters hose equipped with rapid couplings allows to extend hose length.



### Hose-reel 40m

With a 40m capacity (+15m compared to the standard hose-reel), this hose-reel has also automatic roll-back.

## ACHIEVEMENTS

