

CAMELEON IS DESIGNED FOR LOW- AND MEDIUM-POWER FIRE-FIGHTING VEHICLES USING CLASS A AND/OR CLASS B FOAM.

CAMELEON low pressure

- **Pump:** 30 l/min
- **Pressure:** 12 bar
- **Dosage:** 0.1 to 6%
- **Water flow rate (DN65):** 50 - 2000 l/min
(other flow rates possible)
- **Power supply:** Electricity 24VDC
(other voltages possible)

CAMELEON HP high pressure

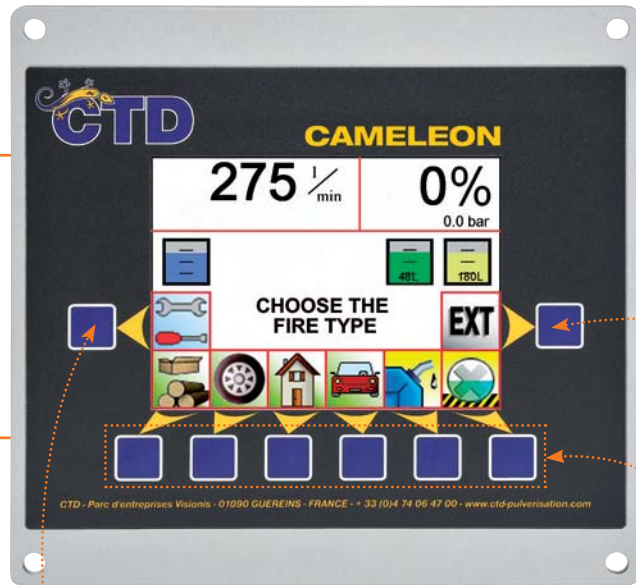
- **Pump:** 24 l/min
- **Pressure:** 45 bar
- **Dosage:** 0.1 to 6%
- **Water flow rate (DN65):** 35 - 350 l/min
(other flow rates possible)
- **Power supply:** Electricity 24VDC
(other voltages possible)

CAMELEON MOBILE

- **Pump:** 24 l/min
- **Pressure:** 15 bar
- **Dosage:** 0.1 to 6%
- **Water flow rate (DN65):** 50 - 2000 l/min
(other flow rates possible)
- **Power supply:** Electricity 24VDC
(other voltages possible)

OPERATING PRINCIPLE

CAMELEON starts up as soon as the battery master switch is turned on. Select one of the six concentrations will automatically prime the pump then inject the foam selected according to real time water flow. Single point positive injection system involved an immediat foam production. After intervention, CAMELEON automatically start a flushing cycle.



Configuration
button

Intervention keys

External
suction button

SCREEN BENEFITS

UNIT

- Colour screen
- 6" display size
- Waterproof (IP68)
- Impact resistant
- Compact size
- Remote start-up
- Operating temperature between -20°C and +50°C

FULL DISPLAY

- Water flow rate
- Actual concentration
- Dosage icons
- Foam injection pressure
- Product tank levels with capacity
- Autonomy

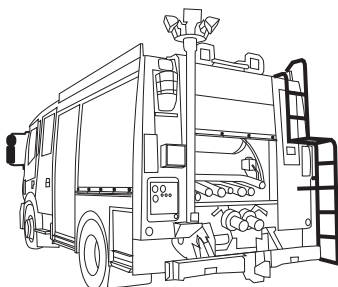
MONITORING

- Intervention report
- Fault log
- Training mode

ADAPTABLE

- Customisable icons
- Remote start-up
- Secondary screen option is possible
- Download intervention report by bluetooth
- Several languages available
- CAN Open external link

VEHICLES FITTED EXAMPLES

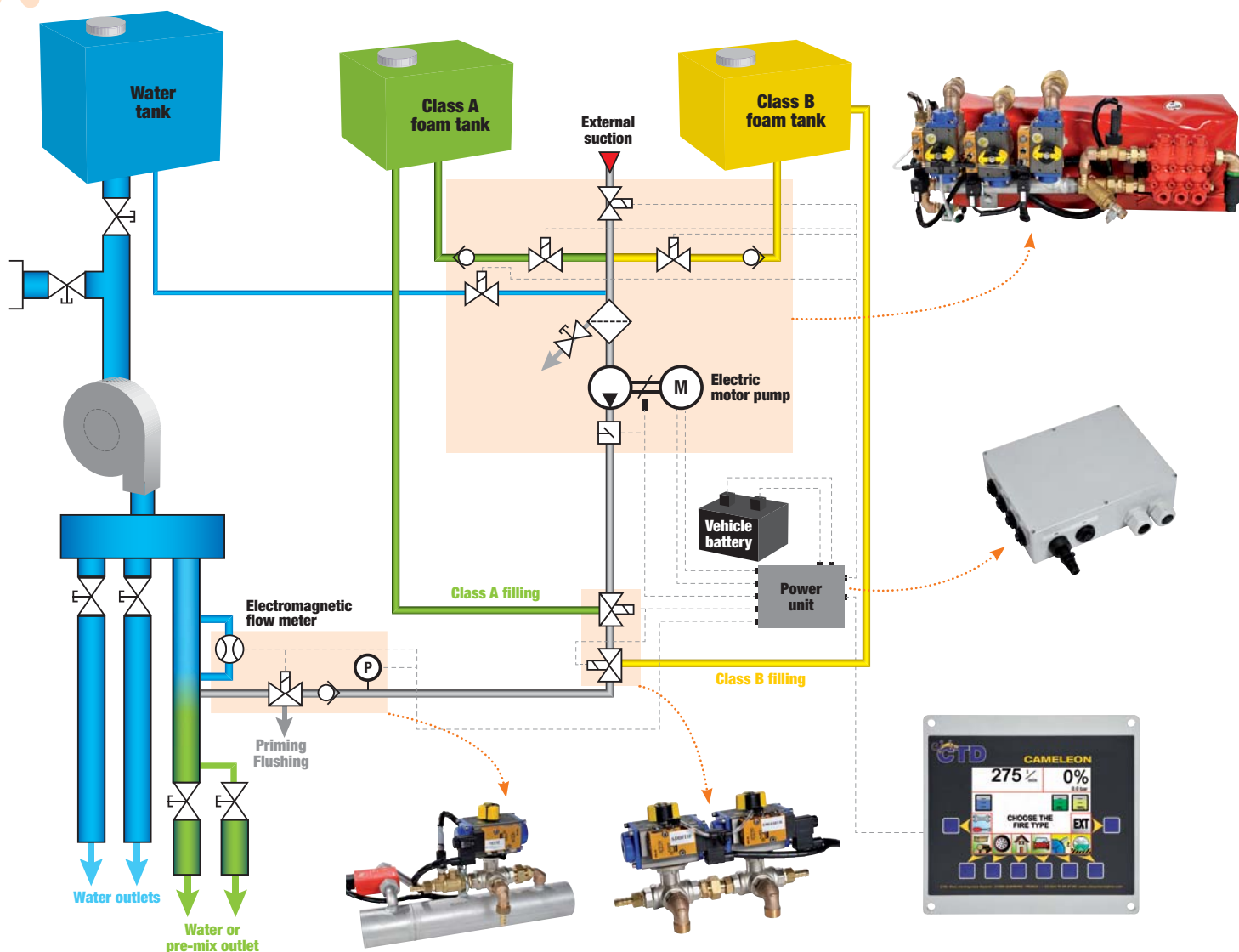


Mobile version available CAMELEON MOBILE

- Stand-alone system which only requires a connection to the vehicle's 24V power supply using the plug provided.
- Can be stored in the boot thanks to its compact size
- L = 762 mm x W = 510 mm x H = 424 mm
68 kg



OPERATING DIAGRAM



SYSTEM BENEFITS



INTUITIVE

- Easy start-up
- Didactic screen



AUTOMATIC

- Priming
- Flushing
- Frost protection



UPGRADABLE

- External suction
- Product tank filling from the ground
- Dosage of up to 4 different products
- Several possible injection points
- Injection on LP or HP system



FUNCTIONAL

- Can be fitted on all types of vehicles
- Delivered in a pre-mounted kit
- Compatible with all Class A and B products
- Easy to install
- Operating temperature between -20°C and +50°C
- Light weight and compact size
- Easy maintenance



HIGH-PERFORMANCE

Injecting the product under pressure means CAMELEON can be used whatever the water flow rate and pressure. Pre-mixing is performed in the truck without any pressure loss this allows fireman deployment to be far from the danger zones.



EFFECTIVE

The use of class A and B products makes fire extinguishing more effective and reduce fire fighter intervention time. The possibility of injecting the product directly from an external container increases the autonomy of the dosage system. Installing tanks for class A and B products directly on the vehicle combined with the CAMELEON's tank filling function reduces product handling.



ECONOMICAL

A training mode allows the equipment to be tested without foam use. CAMELEON dosing accuracy considerably reduces the amounts of product used during operations. Quicker extinguishing means less water consumption.

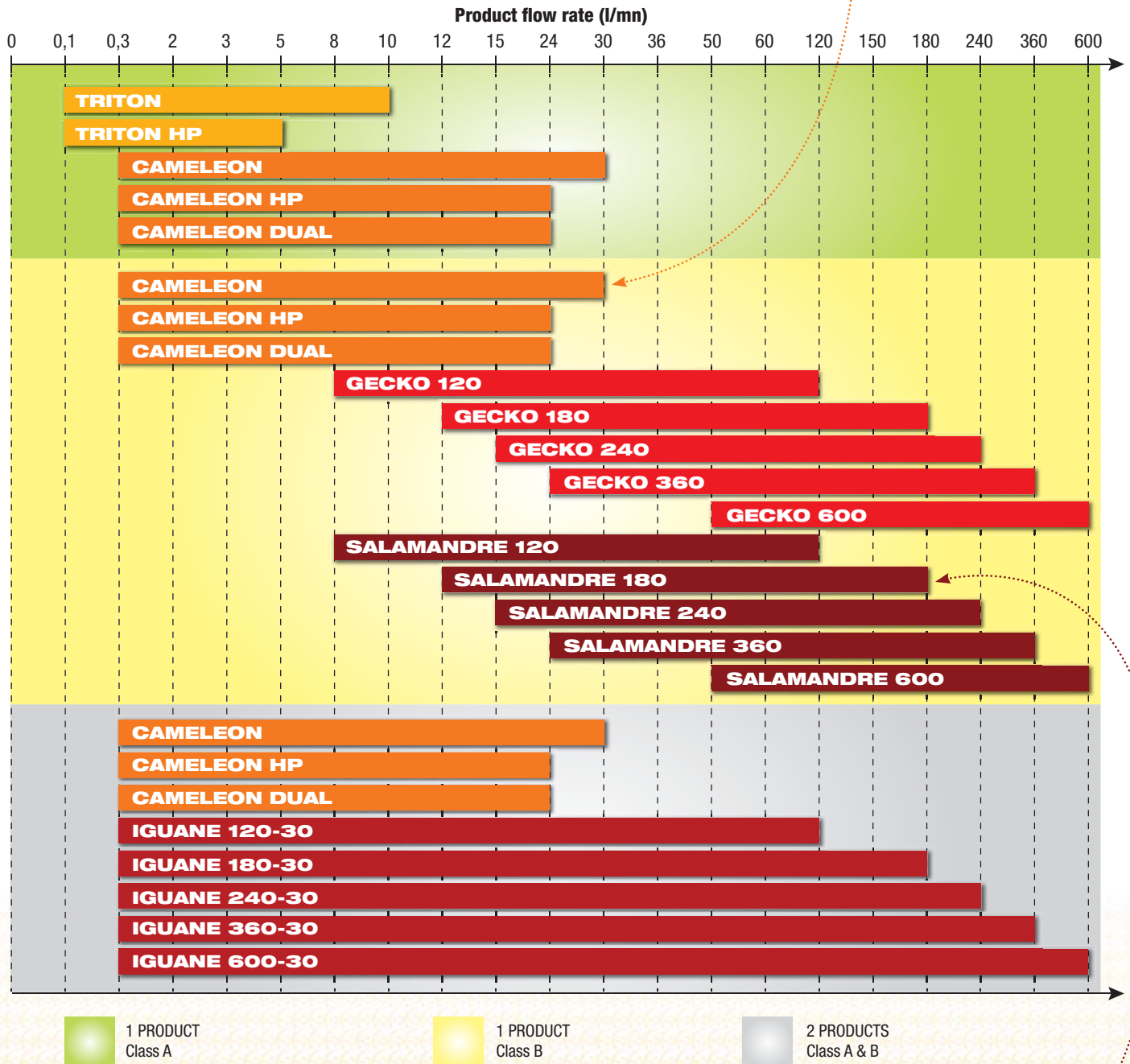
HOW TO CHOOSE YOUR FOAM DOSING SYSTEM

1. Choose the type(s) of product(s) you are going to use (CLASS A or B, or CLASS A & B foam)

2. Calculate the minimum and maximum product flow rate using the following formula:

$$\text{Water flow rate (l/min)} \times \text{Concentration (\%)} = \text{Product flow rate (l/min)}$$

EXAMPLE NO.1
 If you want to use a 400 l/min foam nozzle with 3 % CLASS B foam on your vehicle:
 $400 \text{ l/min} \times 3\% = 12 \text{ l/min of product}$
The CAMELEON system corresponds to your needs
 See page 8



CTD is here to advise you and help you choose the equipment best suited to your needs.

EXAMPLE NO.2
 If you want to use a 3000 l/min monitor with 6 % CLASS B foam on your skid:
 $3000 \text{ l/min} \times 6\% = 180 \text{ l/min of product}$
The SALAMANDRE 180 system corresponds to your needs - See page 16