FIRE TRUCK

DESCRIPTION

NEVER USED - This GIMAEX TRIEXT is a water, foam and powder fire fighting truck intended for use in an industrial environment. The equipment conforms to French Standards: NF EN 1846-2 & NF EN 1846-3 and is Euro 3 compliant.

GIMAEX designs and produces Fire Trucks equipped with the most efficient and modern extinguishing systems built on chassis manufactured by others.

ID	13C-AR05
Chassis	Renault
Model	Kerax 380.32 6X4 MD
Type No.	34DPA1ENAN
Chassis No.	VF634DPA000014291
Fire Equipment	GIMAEX TRIEXT No. 14-05-3484
YOM	2014

	SPECIFICATIONS
Condition	NEVER-USED
Empty Weight	13 270 KGS
Total Weight Allowed	26 000 KGS
L X W X H	9.4 m X 2.55 m X 3.4m
Water Tank	8 000 litres
Foam Tank	1 000 litres
Pump	Gimaex NP3000F 3 000 L / Minute
CANNON	POK Primator 2 000 L / Minute @ 7 Bar

FIRE TRUCK

MAIN SYSTEMS

CONFORMANCE

All equipment complies with French standards:

- NF EN 1846-2: Common specifications
- NF EN 1846-3: Equipment permanently installed.

IDENTIFICATION

- The GIMAEX identification plate with the designation and serial number is placed on the edge of the door on the driver's side.
- Chassis number is displayed on Renault name plate

CHASSIS

- Manufacturer: Renault Trucks
- Model: KERAX 380.32 6x4 Empattement 4 195mm
- Gearbox: ZF 16S 1830 TO
- Power take-off: N 221/10 B rapport 2.09

STORAGE

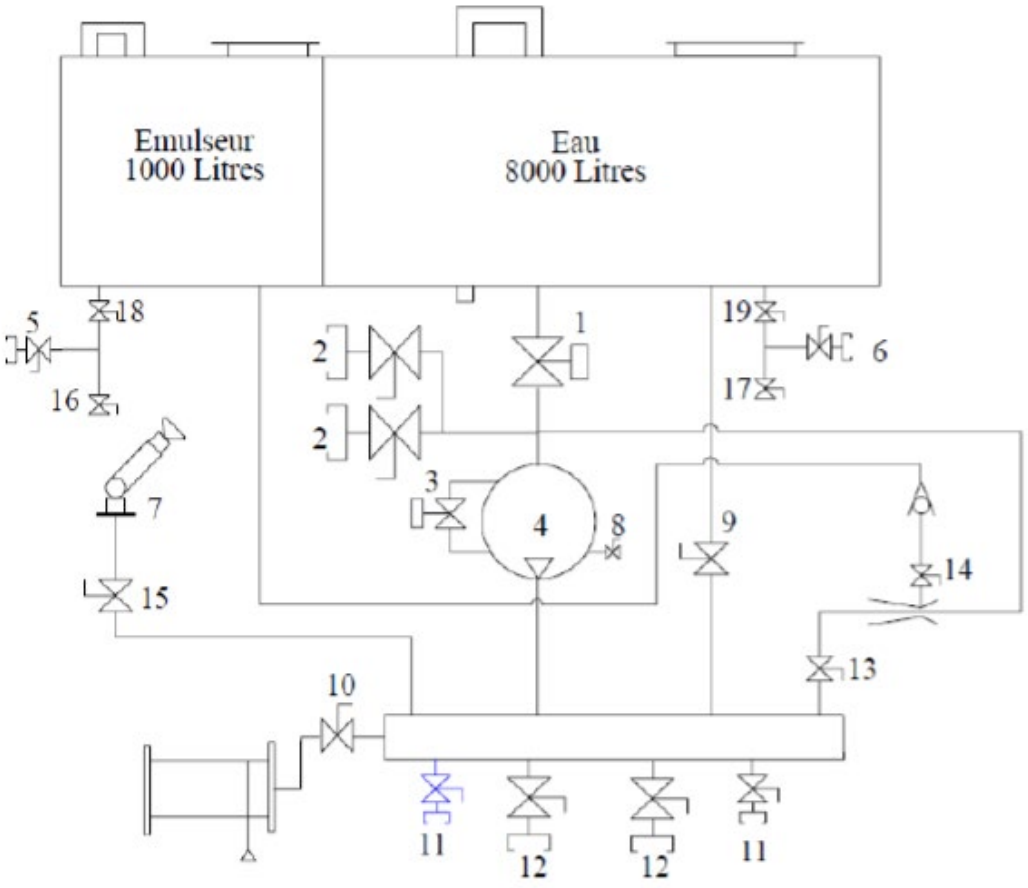
- The roof of the tank covered with a non-slip material can serve as a storage place for bulky equipment.
- The lockers, located at the front of the tank, are fitted with curtains, aluminum alloy shelves and partitions adjustable in position for the storage of pipes.
- The safes are equipped with ventilation systems and water drainage holes.
- A red light in the cabin indicates that at least one of the chests is open.
- The vacuums are stored in the roof box on the tank.

FIRE TRUCK

MAIN SYSTEMS

HYDRAULIC EQUIPMENT

- 1 - Tank suction valve
- 2 - External suction valve
- 3 - Pump priming valve
- 4 - GIMAEX 3000L / min pump - 10b
- 5 - Foam concentrate tank filling valve
- 6 - Water tank filling valve
- 7 - Canon POK 2000L / min
- 8 - Pump drain valve
- 9 - Tank filling valve by the pump
- 10 -PS reel delivery valve
- 11 - DN45 discharge valve
- 12 - Delivery valve DN 65
- 13 - APG-200 feed valve
- 14 - Dosage selection valve
- 15 - Cannon feed valve
- 16 - Emulsifier tank emptying valve
- 17 - Water tank drain valve
- 18 - Foam concentrate tank isolation valve
- 19 - Water tank isolation valve



FIRE TRUCK

MAIN SYSTEMS

WATER TANK

- Material: 304L stainless steel
- Total volume: 8,000 liters
- Main dimensions: L = 2,850 mm - l = 2,470 mm - H = 1,400 mm
- The tank is separated by two longitudinal partitions and two transverse partitions serving as breakwaters
- and delimiting eight compartments.
- The whole tank can be visited thanks to 1 manhole Ø 500.
- The side skins are ribbed to ensure the rigidity of the faces.
- The tank is fixed to the frame using 8 elastic supports.

FOAM TANK

- A compartment of the main tank is fitted out for the foam concentrate volume.
- Material: 316L stainless steel
- Total volume: 1000 liters
- Main dimensions: L = 920 mm - l = 830 mm - H = 1,400 mm
- The whole tank can be visited thanks to 1 manhole Ø 500.

PUMP

- Brand: Gimaex
- Type: NP 3000 F
- Priming: Automatic Piston
- Materials: Pump body and turbine are bronze and shaft is stainless steel
- Drive: APG 200 Gimaex

FIRE TRUCK

MAIN SYSTEMS

CANNON

- POK brand gun, PRIMATOR model, is placed in the upper part of the front structure.
- The barrel is equipped with a POKADOR type 18653 head, with an adjustable jet and pressure regulated at 7bar for a flow rate of 2000 l / min.

LIGHTING MAST

The vehicle is fitted with:

- A TEKLITE TF340 telescopic mast with an extended height of 4m meters from its base.
- Four tilt-adjustable 24V LED floodlights are attached to the top of the mast.

POWDER

The vehicle is equipped with:

- A 250 kg powder reserve placed between the two boxes of the structure.
- A 20-liter nitrogen bottle at 200 bar, a 200b / 12b regulator and a reel not supplied with a powder lance.

FIRE TRUCK

ELECTRICAL SYSTEMS

Electrical Features

- The voltage is 24 V: 2 batteries of 12 V, with mechanical battery cut-off. Each circuit is protected by marked fuses. The installation includes:
  - two warning lights on the cabin,
  - a warning light at the rear of the vehicle,
  - a horn with control on the dashboard,
  - a searchlight in the front,
  - a rear working light,
  - a rear dashboard grouping together the various indicators,
  - the lighting of the safes when they are opened.
  - a telescopic mast equipped with four 24v spotlights.

INSTRUMENTS AND CONTROL SYSTEMS

COCKPIT INSTRUMENTS AND INDICATORS

1 - Horn control

2 - Beacon control

3 - Front headlight control

4 - Rear headlight control

5 - Equipment compartment open warning light

6 - Telescopic mast not retracted warning light

7 - Power take-off control

FIRE TRUCK

INSTRUMENTS AND CONTROL SYSTEMS

REAR CONTROL PANEL

The control board is on the rear structure to the right of the pump. It groups together the indicators and accessories for driving and monitoring the vehicle during use.

- 1 - pneumatic valve isolation
- 2 - work light socket
- 3 - water tank level indicator
- 4 - foam concentrate tank level indicator
- 5 - red engine warning light
- 6 - orange power take-off engagement light
- 7 - engine tachometer and pump hour meter
- 8 - engine stop emergency stop
- 9 - engine accelerator
- 10 - engine accelerator +
- 11 - Supply pressure gauge
- 12 - Pressure gauge

MAST CONTROL PANEL

The control panel is on the right of the front structure, it allows the commands and controls of the mast.

- 1 - Mast lighting switch on button
- 2 - Mast maneuver button