



DESCRIPTION

This vehicle is meant for the water supply of all commercial aircraft. It is equipped with a hydraulic lifting platform at the front right side of vehicle and one working tank (924 U.S. gallon).

All operations of driving control are performed from the front of the vehicle for working in safe conditions.

The driver's cabin is provided with a panoramic view.

The platform control station is equipped with a flow meter with zero reset. This equipment allows the aircraft water supply up to 5-meter height. Together replies to requirement of the Europeans Community and notably has the 89 / 392 EEC instruction.

CARACTERISTICS

ENGINE

ISUZU : C240 PW 7 4 cylinder diesel

PEUGEOT : XUD9 AI 4 cylinder diesel

DEUTZ : F4L1011F 4 cylinder diesel

PERKINS : 104-22 4 cylinder diesel

Other types of engines on request.

TRANSMISSION

ZF : 4HP22 Automatic gear box

VOITH : PST-1 Automatic gear box

Other type of transmissions on request.

STEERING

Assisted type hydrostatic type front wheels.

FUEL TANK

Capacity 80 litres / 21 U.S. gallon

HYDRAULIC TANK

Capacity 80 litres / 21 U.S. gallon

FRONT AXLE

Large-size, fitted on plate spring

REAR AXLE

F.P.W. drive axle with differential gear fitted on plate spring

WHEELS

215 / 75 R-17.5

WORKING BRAKES

Hydraulic braking on 4 wheels with hydraulic assistance.

Dry disks on front wheels and drums on rear wheels.

For maximum safety, front and rear break fluid circuits are independent.

HAND-BRAKE

On the rear wheels activated by cable from the cabin.

HYDRAULIC CIRCUIT

A single geared pump provides the hydraulic fluid required for all operations.

ELECTRIC EQUIPMENT

12 VDC Power.
55 A Generator Power.
1 Master switch.
2 Headlamps. Stop lamp. Backup light. Director indicator.
1 Water resistant electrical box with printed circuit board.
1 working light in a lifting platform.
1 Desk-board full flogs.

LIFTING PLATFORM CONTROL STATION

It is located on the platform.
Equipped with flow meter zero reset and water-resistant electrical control box.
Controls: Up / Down / Emergency stop.

FLEXIBLE HOSE

Drinking water flexible hose 1" diameter equipped with a ROYLING / KAYZER 1041-16 connector.

OPTIONS

Cab door
Sky light
Beacon light
Steel protection on rear light
Cab heater
Working light
Special paint

WATER MOTOR PUMP GROUP

It is located on the left side of the unit.
Flow 16 U.S. gallon / min.
Pressure limits 4 bars.
Flow meter zero reset.
Control start on the lifting platform.
Hydraulic feeding of the pump.

WATER TANK

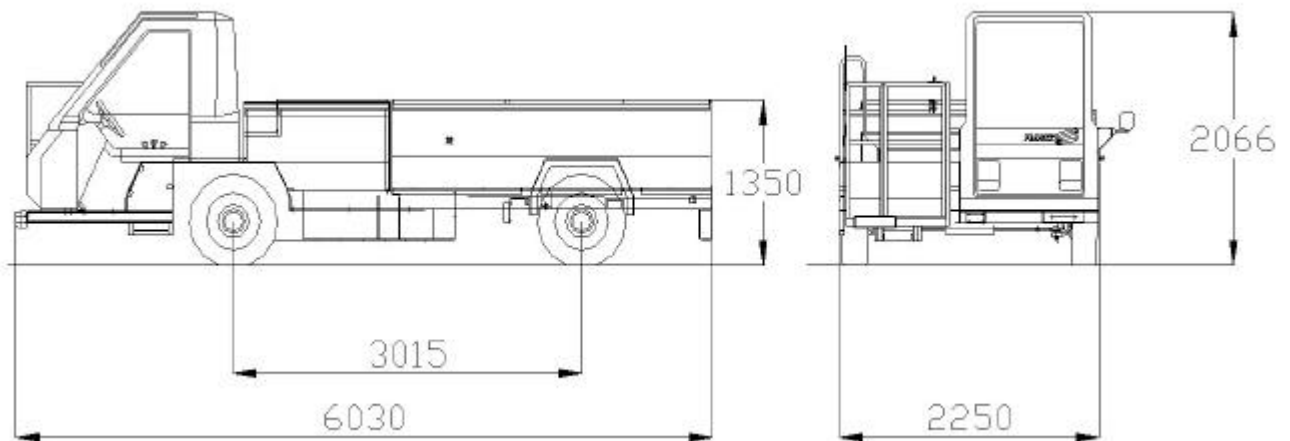
It is made in stainless steel 304L.
Two walkway grated antiskid flooring galvanised steel on the top.
-One manual draining valve.
-One level gauge.
-Two man hole with air lock.
-One recycling position.

LIFTING PLATFORM

It is made in galvanised steel.
Antiskid flooring.
The lifting jack is fitted with an electrical check valve.
Max height lifting platform : 116"

PLATFORM LOWERING EMERGENCY

The lifting jack is fitted with an electrical check valve with emergency control device, to lower the platform in case of failure.



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