JAPAFRICA
MOBILITY SOLUTIONS

VACUUM TRUCK 15 000 L

JAP Africa presents the 15 000 liters vacuum truck.
The following specification ensures that this vehicle is the most suitable for waste vacuum cleaning and blockages removal in the sewage and rain water.
The materials, design and manufacturing of this model are consistent with the best practices of engineering.
The superstructure can be mounted on a variety of MAN chassis, according to specific needs.

JAPAFRICA MOBILITY SOLUTIONS, UNIPESSOAL LDA

Registada Cons. Reg. Com. Funchal
NIPC 514 591 889
Capital Social 505.000,00€

Rua Ivens, Nº22, 4º Direito
Ilha da Madeira, Funchal (Sé)
9000-046 Funchal

www.japafrica.com

JAPAFRICA
MOBILITY SOLUTIONS

TANK

Capacity of 15 000 liter (± 3%)

Tank body of cylindrical structure and manufactured of ST52 quality steel sheet, with a minimum thickness of 6 mm

Tank body, front lids, rear lids, manufactured from high quality steel (minimum EN10025-S355)

Rear lid 1 mm thicker than the body, manufactured of the same material

Special neoprene gasket between the lid and the tank for impermeability

Lid connection to the tank with 2 hinges, opened-closed on a vertical axis – minimum 1 double-acting hydraulic cylinder -, and fixed to the tank by a minimum of 4 hydraulic locks

NPU support rings mounted at the junction of the rear lid and the sheet metal joints on the sewage tank for reinforcement

Connection to the auxiliary frame made by flexible joints

3 dish shaped transparent level gauges on the rear lid

Adjustment of the amount of material to be carried performed by the float system, keeping the volume in case of carrying capacity of the vehicle is exceeded

4” mechanical controlled bronze/brass gate type suction valve, and 4” mechanically controlled bonze/brass type gate discharge valve on the rear lid

Detachable baffle plates made of EN10025-S335 high quality steel of min. 5 mm thickness, with a manhole of at least 500 mm, and 70 mm of space left at the bottom

3-degree slope on auxiliary frame in order to ease the sludge discharge

2-stage float system with stainless material float balls for prevention of leaking sewage out to the vacuum pump, by stopping the suction – first stage float mounted on the upper side of the tank

Minimum of 2 units 2” air pressure safety valves on the tank

Sludge chute at the vehicle rear

JAPAFRICA
MOBILITY SOLUTIONS

VACUUM PUMP	Type JUROP LC420 Max. operating speed: 1 300 rpm Free air suction capacity: 720 m3/hour at max. operating speed Max. vacuum capacity: 92%
	4-way valves for vacuum and pressure positions to be adjusted in the tank, as well as the performance of suction and discharge operations
	Audio-visual warning of vacuum pump overheating
	Sound-absorber at the outlet of the pump
	Leak-proof control panel at the rear on the right side of the tank, containing - Vacuum meter - Engine RPM control - Engine RPM indicator - Vacuum pump working hours meter - System start/stop switch
HYDRAULIC SYSTEM	Suction filter and return filter mounted on the line
	Temperature and level indicators, tank filling and ventilation pipe, and drain valve on the oil tank
ELECTRIC, HYDRAULIC, PNEUMATIC SAFETY	Superstructure electrical installation mounted apart from the chassis installation
	Certified cables used on the installation
	Complete electrical installation made by passing cables through tubes and a separate fuse and relay box, suitable grouped in a common fuse box
	In case of need, the air required by the pneumatic system can be taken from the truck's original air compressor
	Air lubrication and air pressure regulator

JAPAFRICA
MOBILITY SOLUTIONS

ACCESSORIES

2 lockable lockers on both sides of the trucks throughout the tank

Mudguards and mud flaps on the rear wheels

Foldable bicycle barriers made of double-row aluminium

Spare wheel support

Working lights

Rotating yellow beacon – 1 in the cab, one on the rear of the tank

Coupling and pipe wrench

2 hoses 4", 3 m long, with globe-type galvanized steel coupling

3 m discharge hose

Aluminium extension venturi pipe

PAINTING & LABELING

All surfaces to be painted will be washed with thinner after sandblasting and will be painted with epoxy-based primer. After the primer, the inside of the sewage tank will be painted with an epoxy-based topcoat, the outside of the tank and other exterior surfaces will be painted with acrylic enamel. Stainless surfaces will not be painted.

The superstructure (except for stainless surfaces) will be painted in the color determined by the customer. Otherwise, painted by suitable colors. Auxiliary chassis, will be the same color as the vehicle's main chassis.

Paint drying will be done by oven.

If the sub-frame is made of sheet metal, the rear fenders (if not plastic) and body sub-surfaces will be painted on the epoxy primer in the same color as the frame.

All instructions, warnings or precautions must be lettered as stickers or plates which are made from non-corrosive material. Also, particular attention shall be paid to areas where water could be trapped during road travel and vehicle washing. Mandatory markings, warnings and function tagging shall be of an easily visible size and color, and shall be permanent not to be erased or dropped.

JAPAFRICA
MOBILITY SOLUTIONS

PAINTING & LABELING (continued)

At both sides of the superstructure and at its back, there shall be reflective strips and markings, in accordance with ECE R-104 (2002) requirements.

Topcoat paint and preparation will not be in the same place. For this reason, in the capacity report of the contractor firm, sandblasting unit, washing cabin, primer paint cabin and topcoat paint (oven cabin) shall be presented together with the proposals. If the manufacturer couldn't prove the mentioned issue with the certificate; cannot participate the tender.

NOTES

JAP Africa reserves the right to introduce minor changes to improve operational and performance related aspects of the vehicle and if also necessary to supply equivalent equipment/components if they should become unavailable or obsolete. Pictures are presented for reference purpose only. Actual units may differ.

MORE INFO

WEB: WWW.JAPAFRICA.COM
E-MAIL: GERAL@JAPAFRICA.COM
MOBILE PHONE: (+351) 966 286 638

JAPAFRICA MOBILITY SOLUTIONS, UNIPESSOAL LDA

Registada Cons. Reg. Com. Funchal
NIPC 514 591 889
Capital Social 505.000,00€

Rua Ivens, Nº22, 4º Direito
Ilha da Madeira, Funchal (Sé)
9000-046 Funchal

www.japafrica.com