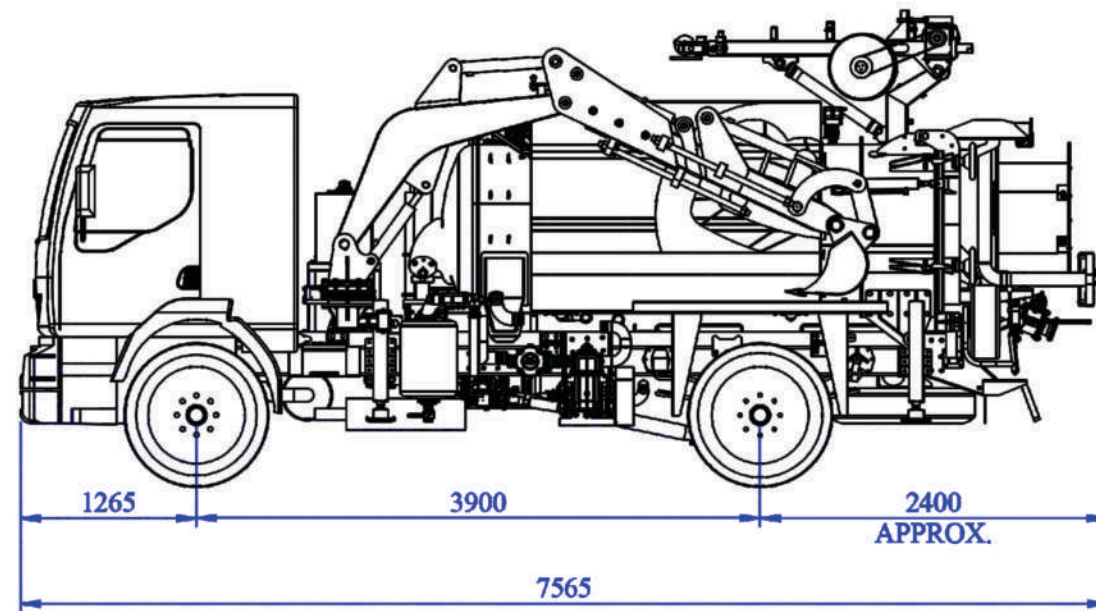


Ai1 SUV | WHALE SPECIFICATION



G.A of 14 tonne GVW chassis

WHALE SUPPORT

One of Whale's primary objectives is to maximise operating performance by keeping downtime to an absolute minimum, leading to significantly reduce whole life costs. This is achieved by ensuring we can provide service support across all Indian states. Whale stock an extensive range of appropriate parts.

WHALE QUALITY

Whale Enterprise cares about quality across all aspects of its business. Indeed it is a word that characterises the company. Whale is accredited to ISO 9001:2015 and all Whale products fully comply with all relevant legislation and regulations. It also has the benefit from being supported by its UK parent company Whale Tankers the largest manufacturer of vacuum tankers and jetting equipment in Europe.

WHALE TRAINING

Central to Whale's success is not only the training of its staff but also the provision of structured training for its product. This meets the changing needs of today's Indian water and sewage infrastructures. The company is also respected for its onsite commissioning of all new products.

Whale Enterprise manufacture a wide range of products and vehicle types and provide many other services. For a copy of any of the following brochures or for further information, either call on: **+91 95009 45511**. Email us at: sales@whaleenterprise.in, or visit our website at www.whaleenterprise.in

WHALE | MOBIJET WHALE | GRABS WHALE | LITEJET JET | WHALE COMBI | WHALE WHALE | SCOOP
SUCKER | WHALE WHALE | RECYCLER WHALE | SUPER SUCKER WHALE | SERVICE WHALE | PARTS

Reliability, Service, Value ... for Life



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Ai1 SUV | WHALE

**THE
PERFECT
ALL ROUNDER**



The
All In One - Ai1
Sewer - S
Utility - U
Vehicle - V



Reliability, Service, Value ... for Life



Ai1 SUV | WHALE

The All Round Multi Tasking Sewer Utility Vehicle

The Ai1 SUV is a very well packaged machine which extends Whale Enterprise's already established wide range of equipments for liquid waste and cleansing. This latest innovation, Ai1 SUV – All In One Sewer Utility Vehicle is designed and developed specifically for the Indian sewers and drains.

This Ai1 SUV is certainly an all rounder and is a multipurpose machine that suits for all types of municipal bodies, townships, sewerage boards. This machine can clear blocks, desilt open drains, manholes, suck out liquid waste and power rod without water.

Ai1 Suv is built over Whale Enterprise's enriched experience of over 11 years. This machine will be a very ideal for any Urban Local Body (ULB) which is going to buy its first sewer vehicle as it has a high power jetting machine, vacuum suction machine, Road Side Open Drain Desilting machine, Manhole desilting machine and a power rodding machine. For ULBs which already have various types of machines this equipment will be a one stop solution for all type of maintenance requirements in sewers and drains.

The standard specification comes with jetting and suction. However the remaining three machines can be added or removed based on customer requirements. The machine is rigid and stable and is truly versatile standing by its name Ai1 SUV



Ai1 SUV | WHALE

Reliability, Service, Value ... for Life

1 Jetting Machine

This saddle style tank optimises the packaging also incorporates anti surge baffles, sectional man access, piped external loading facility with surge protection and having an internal anti corrosive lining. The Jetting machine is designed to operate for an ideal running time of 12-15 minutes and the high pressure water Jetting pump is of a triplex plunger pump type.

2 Suction Machine

The vacuum suction machine comes within a rotary vane vacuum pump with 6 kelvar blades and the flow rate is designed to minimise the runtime of the pump and fill the tank in less than 3-8 minutes.



3 Road Side Open Drain Desilting (RODD Machine)

The scooping arm extends upto 5 feet from the truck which gives a wider operating space and has four stabilizer jacks which provide the necessary stability and is highly rigid.

4 Manhole desilting Machine

The man hole desilting machine is well placed at the rear side to approach the manhole at the ease and is operator friendly. The hopper of grab is of a collective tank type for both RODD and Grabs.

5 Rodding Machine

It is detachable and can approach any drain /sewer pipe without water supply . This also provides an option to take the equipment to other than road applications Like de-choking in public toilet, de-clogging the drain of kitchen pipelines,etc.

1. Jetting Machine	Triplex Plunger Pump
Jetting Pump Flow	115 Lpm
Jetting Pump Pressure	120 Bar
Fresh Water Tank Capacity	1500 Litres – Saddle Type tank
Jetting Hose	¾" X 120 Meter Thermoplastic Jetting Hose
Jetting Pressure Control	Air Operated unloader vale with adjustable pressure Control
Jetting Pump Drive	Chassis Engine thru Splitter

2. Vacuum Suction Machine	Vane Type with Air Injection
Sludge Tank capacity	3500 Litres
Vacuum Pump Flow	9000 Lpm
Continuous Vacuum	80 %
Vacuum Pump Drive	Chassis engine thru Splitter

3. RODD Machine	Open Drain Desilting machine
Bucket Volume	0.075 Cu.m
Arm Radius	4.5 Meter
Digging Depth	1.8 Meter from Ground Level (approx.)
Boom Rotation	100 Degree Hydraulic Actuated
Dip Stick Extension	400 mm
Side Arm extension	600mm
Sludge Capacity	Sludge tank is used to collect Solid Sludge with specially designed hopper and valve arrangement
Bucket Width	150mm,300mm,

4. Manhole De-silting Machine	Grabbing Bucket with winch type
Grabbing Bucket Volume	50 Litres
Arm Radius	2200 mm
Lifting Height	10 meter
Lifting Weight	50 Kg
Boom Rotation	180 Degree

5. Rodding System	¾" Rodding Length of 100 Feet with Auto feed Option
Jet Rod Size	¾"
Feed Rate	20' per Minute
Load Speed	150-200 Rpm
Drive	Hydraulic motor drive