



**KAISER
WHALE**

KILO | WHALE

Reliability, Service, Value ... for Life



THE SERIOUS HEAVYWEIGHT

High volume jet-vac vacuum tanker for deep sewer cleaning and maintenance



KILO | WHALE

A serious heavyweight that packs a punch when powerful jetting and vacuum performance is required for deep sewer cleaning and maintenance. With its impressive capacity, KILOWhale provides high power vacuum and air conveying loading and has the capability of lifting waste from depths beyond the constraints of vacuum loading. The KILOWhale has an equally impressive jetting system with a full range of flows and pressures.



FEATURES

- High performance jetting pump for difficult cleaning applications.
- Large liquid ring vacuum pump for exceptionally powerful vacuum loading and for lifting liquid and dry waste from depths beyond 30 metres (vertical) and further (horizontal) by pneumatic conveyance.
- Compatible with the most popular 26 tonne and 32 tonne GVW.

OPTIONS

- Air operated moving division in the tank to vary the ratio between clean water and sludge - this can add 50% to the tanker's apparent total capacity.
- 1500cfm liquid ring pump.
- Pratissoli MK60 high pressure jetting pump (300lpm @ 150 bar).
- Main hose reel - rubber hose in lieu of thermoplastic (120m pr 150m).
- Mega reel to take 180m of 32mm rubber or thermoplastic hose.
- Set of route cutting nozzles including cages and blades.
- Radio remote control of pump engagement.
- 125mm full bore boom arm with 300 degrees powered rotation, raise/lower and extension facility. Fitted with 100mm Bauer female coupling on downpipe with permanent parking on nearside, temporary on offside.

TANK

Capacity - 12000 litres (7500 litres of clean water and 4500 litres of waste. Front mounted multi-stage ram and fully opening hydraulically operated rear door with hydraulic clamps. It is shot blasted, primed and painted with two coats of PPG Nexus high build acrylic primer under two layers of PPG Nexus high solid acrylic two pack coating mixed to customer's colour choice.

VALVES

100mm lever operated ball inlet/outlet valve. URT with blank cap valve connection and 100mm lever operated ball draw-off valve.

VACUUM

The KILOWhale is fitted with a liquid ring pump with an output of 2300 cubic metres per hour (1150 cubic feet per minute). It also has a grit strainer and check valve to protect the pump. The control panel for all operations can be fitted on a nearside or rear mounted workstation as required.

STORAGE

There is an extra deep hose box with a lockable lid fitted on both sides, housing 6 x 3m lengths of 100mm diameter Kanaflex hose with URT connections. There is also storage for a hydrant stand-pipe and key (supplied).

JETTING SYSTEM

Fitted with a Pratissoli MW45 high pressure water jetting pump (225lpm @135 bar) with an automatic audible low water warning and auto-dump circuit. The main hose reel is self-aligning, hydraulically operated and mounted on the rear door with 120m x 25mm thermoplastic sewer jetting hose. The secondary hose reel is also hydraulically operated and is mounted on the offside at the rear with a 60m x 13mm high pressure hose. It comes with cleaning and blockage clearance nozzles including 'bomb' nozzle for major blockages, a chain nozzle for root cutting, a rotating nozzle for fat cutting and also a silt sledge nozzle.

SAFETY

The KILOWhale is compliant with all relevant legislation and the vehicle is subject to £5m product liability cover. Commissioning and one day operator instruction is included. A hazard light bar is mounted to the cab roof along with an amber flashing beacon on the rear offside of the tank, worklights at the rear, end and side outline marker lights and reflections. It also comes with traffic directing arrow with brackets, a CCTV reversing camera and an audible beeper. There is a bursting disc in the rear compartment and an electrically heated handwash unit.



FEATURES AND OPTIONS

FEATURES INCLUDED AS STANDARD

	26T	32T
Standard Hydraulic Overhead Loading Boom 150mm (6")	✓	✓
2000i Liquid Ring Pump Output 1700m ³ /hr (1000cfm) externally mounted	✓	✓
ORCA 500 - Pratissoli MW45 Series Jetting Pump (58gpm @ 2250psi) 263lpm	✓	✓
Tipping Body - Multi Stage Ram front mounted	✓	✓
Main Self Aligning Hose Reel - 100 Mtr of 1" Thermoplastic Sewer Jetting Hose	✓	✓
Hydraulic powered Secondary Hosereel - 60Mtr of 1/2" High Pressure Hose	✓	✓
Heavy Duty Unloader Valve	✓	✓
Automatic Interconnecting Valve	✓	✓
Tank PRV - System PRV - (Type Approved)	✓	✓
Fully Opening Hydraulically Operated Rear Door with Hydraulic Clamps	✓	✓
Extra Deep Lockable Hose Boxes on both sides	✓	✓
Electronic Water Pressure Controller	✓	✓
Jetting Soft Start	✓	✓
Jetting Safe Start	✓	✓
Hydrostatic Water Sensor	✓	✓
Pneumatic purge to jetting system for cold weather	✓	✓
Conspicuity Markings to UN ECE Reg 48 Sl2009 No 3220	✓	✓
Programmable Logic Controller (PLC)	✓	✓
WhaleSMART Monitor - See Whale Smart Monitor options page	✓	✓
Operator handbook plus vehicle certification pack	✓	✓
Extended Tank and Paintwork Warranty	✓	✓
MyWhaleFleet Management Tool	✓	✓

FEATURES INCLUDED AS STANDARD

	26T	32T
WhaleCARE Preventative Maintenance Package	✓	✓
Hose Reel Meter with Digital Display	✓	✓

FEATURES INCLUDED AS STANDARD

	26T	32T
Additional WhaleSMART Monitor Located in the Drivers Cab	✓	✓
Air Operated Moving Division	✓	✓
ORCA 500 Pratissoli MW45 "R" Series Jetting - Run Dry Option	✓	✓
Hydraulic Ram Slew Uplift on Main Hose Reel	✓	✓
Reducer available for Overhead Boom	✓	✓
Stainless steel internal tank liner	✓	✓
Heated PPE Locker in Stainless Steel	✓	✓
Extra Jetting hose length up to 150m on Main Reel 1" Dia	✓	✓
Rubber Jetting Hose in lieu of Thermoplastic	✓	✓
Extra Jetting hose length up to 100m on Secondary Reel 1/2" Dia	✓	✓
Chapter 8 Requirements	✓	✓
Rear Control Panel Cover	✓	✓
Additional Molex Valves Lever or Air Operated Ball/Knife/Butterfly	✓	✓
Dedicated Storage for Tools etc.	✓	✓
Solid Sign Storage - 6 off 600mm high	✓	✓
Solid Sign Storage - 6 off 750mm high (Motorway Use)	✓	✓
Air Operated Grid Lifter fitted on Nearside	✓	✓
Air Operated Manhole Cover fitted at Rear	✓	✓
Hydraulically Operated Grid Lifter fitted on Nearside	✓	✓
PTO & Boom Valve Switch in Gully Boom Control	✓	✓
Additional Lighting and Warning Beacon etc	✓	✓
Data Card Reader or GPRS	✓	✓
Radio Remote Control - 8 Function system	✓	✓
Electrically Heated Handwash Unit	✓	✓
Whale iWeigh system - SGS/HSS	✓	✓
Reversing Camera System (2 year Warranty)	✓	✓
Silver or Metallic Paintwork or Multi Colours	✓	✓
Signboards	✓	✓
Vehicle Livery Graphics (Vinyl & Artworks)	✓	✓
Partial vehicle tank wrap (Ask for details)	✓	✓

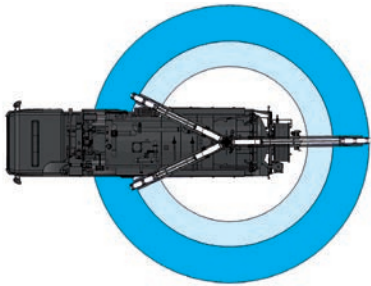
Please Note: Whale Tankers has a policy of continuous improvement and therefore reserves the right to alter or amend the specifications of its products without prior notice.



BOOM STYLES & WORKING RANGE

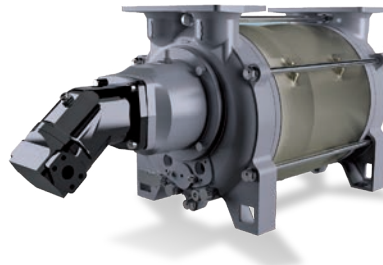
Key:  Working range in the Extended position
 Working range in the Retracted position

Standard Hydraulic Overhead Loading Boom



6" Diameter as standard
Requires additional hoses to reach below ground
Adaptor Available to reduce air flow on request

KiloWhale JetVac



Chassis Mounted Pump
2000i Liquid Ring 1700m³/hr (1000cfm) or
European Cast Iron 2200m³/hr (1300cfm)

KiloWhale JetVac ORCA 500



Pratissoli MW Series high-pressure pump
giving a performance of up to 269 l/min (599/min) at 155 bar (2250 psi)
Drain Diameter: 1m (39") and above



SUPPORT

One of Whale's primary objectives is to maximise operating performance by keeping downtime to an absolute minimum, leading to significantly reduced whole life costs. This is achieved by a service and parts operation that is the envy of the industry. In addition to extensive parts stock and availability, Whale offers routine and preventative maintenance packages.

QUALITY

Whale Tankers care about quality across all aspects of its business. Indeed it is a word that characterises the company. Whale is an ISO9001 registered company. The manufacturing of both Trailers and HGV'S has also been granted Conformity of Production by the VCA.

TRAINING

Central to Whale's success is not only the training of its workforce, but also the provision of recognised, accredited and non-accredited courses that have been structured to meet the changing needs of today's waste water and sewerage industries. The company is also respected for its onsite commissioning of all new vehicles for its customers.

ENVIRONMENT

Whale Tankers is a green canvas through and through, encompassing its products, production processes, staff training and its interaction with its environment. Always focusing its efforts on minimising its impact on the environment, Whale is synonymous with the 'Green' concept.

Operating an environmental quality system accredited to ISO14001, Whale Tankers continues to embrace proven environmental initiatives, whilst being committed to delivering on its promises for decades to come. Whale was for example one of the first companies to embrace low carbon technologies. Occupying an industrial site nestled within a 160 acre green belt area, Whale takes its immediate environment extremely seriously and treats it with the utmost sensitivity, creating its own Whale forest through the ongoing planting of more than 24,000 indigenous trees. Whale Tankers - home to an idyllic environment, green products and processes, and living proof that nature and manufacturing can co-exist together in perfect harmony.

Whale Tankers manufacture a wide range of vehicles and provide many other services. For a copy of any of the following brochures, or for further information, either call us today on: 0121-704 5700, email us at sales@whale.co.uk, or visit our website at www.whale.co.uk



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AQUA | WHALE

CITY | CYCLER

GULLY | WHALE

COMPACT | WHALE

GULLY | WHALE

MEGA | WHALE

VACUUM | WHALE

WHALE | VAC

KILO | WHALE

BESPOKE | WHALE

DEMOUNTABLE | WHALE

WATER | WHALE

WHALE | SERVICE

WHALE | CARE

WHALE | PARTS

WHALE | USED

HOT/COLD PRESSURE WASHING

TRAILER PUMP SETS

VAN PACKS



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