

*Reliability, Service, Value ... for Life*



## THE MAXIMISING MOVER

*Lightweight high capacity frameless semi-trailer bulk waste*





# WHALE | VAC

*For customers wanting a lightweight high capacity semi trailer, purpose-designed to transport hazardous and non hazardous liquid waste you need look no further than WhaleVac. With a simple, reliable low maintenance design available in 5mm thick mild steel and 4mm stainless steel, we have developed a range that minimises vehicle weight whilst maximising payload. Designed to operate at 40/41 tonnes GWC and 44 tonnes GWC the WhaleVac is fitted with axles and suspension in tri-axle format and has full air suspension with air lift front axle. It also has 5 metre long aluminium hose storage racks fitted to each side with hose retaining straps.*

## **Quality Assurance**

*All trailers are Type Approved in Accordance with Regulations identified in 2007/46/EC – Frame Work Directive. ANNEX IV, Part 1, O4. All designs are originated by qualified engineers using an advanced 3D CAD system.*





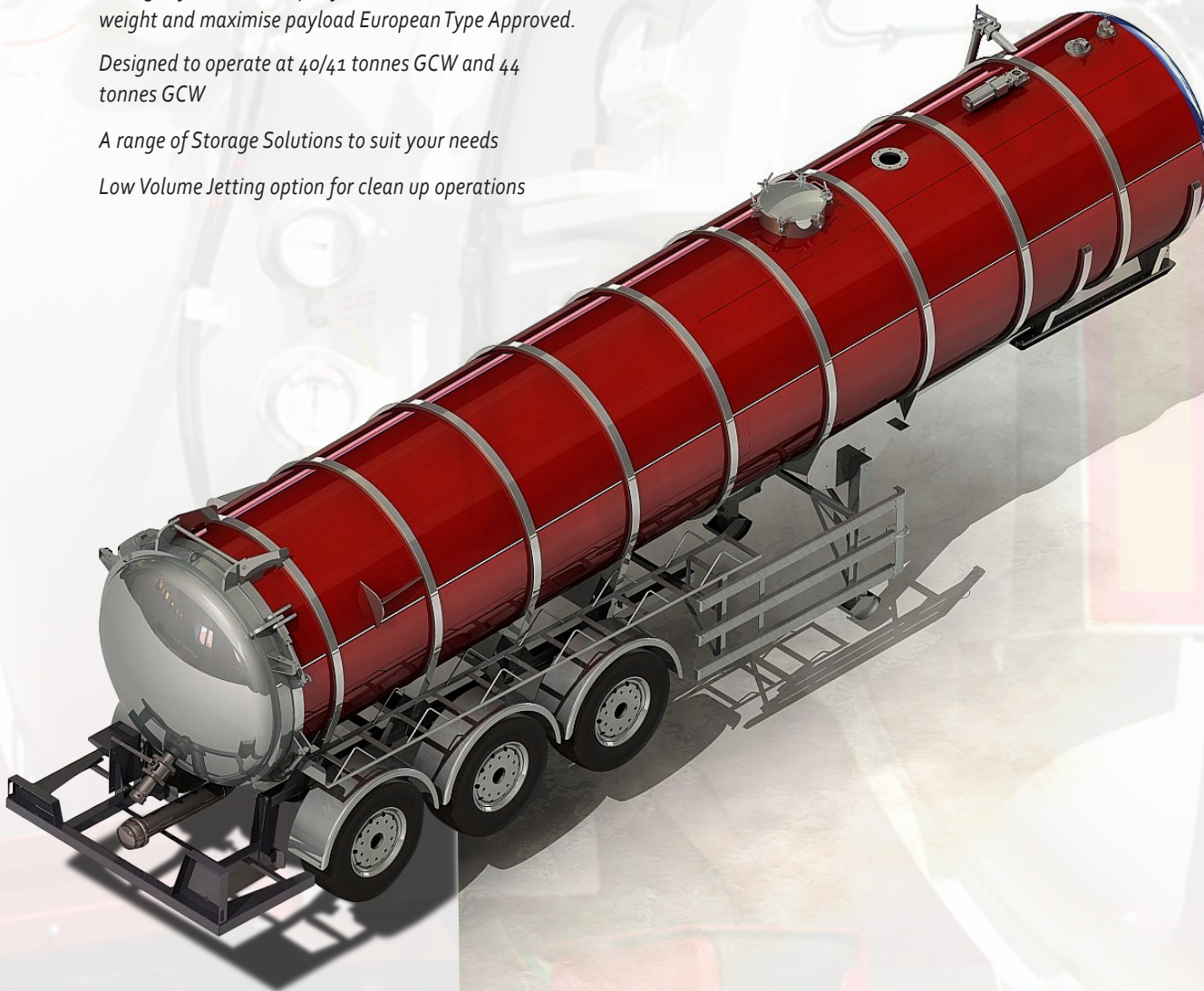
## KEY BENEFITS

*A range of WhaleVacs specified to minimise vehicle weight and maximise payload European Type Approved.*

*Designed to operate at 40/41 tonnes GCW and 44 tonnes GCW*

*A range of Storage Solutions to suit your needs*

*Low Volume Jetting option for clean up operations*



## DESIGN

*Tank design is optimised with the benefit of 45 years experience to give the lightest weight with the longest life. Compliance with all national and international standards as required. The WhaleVac tank is a parallel cylindrical barrel with torispherical ends shaped for maximum strength. Rear end fitted with 600mm man access for light weight.*

## VACUUM SYSTEM

*The system is based on a mistral 7 series exhaustor with a diesel powered donkey engine. Fully self contained and interchangeable in an underslung 'pod'. Power pack contains all controls including a change over valve to allow for pressure discharge.*

## VACUUM

*The whole vehicle is finished in our purpose built paint facility where special attention is paid to preparation. Any colour or livery can be applied either using our in-house vinyl printing and cutting system or conventional signwriting. Internal finishes can be applied to the tank either in-house or using specialist lining finishes.*



## FEATURES AND OPTIONS

### FEATURES INCLUDED AS STANDARD

	Non Haz	ADR
Hydraulically Operated Rear Door or Dished End with Rear Manhole Access	✓	✓
Top mounted 500mm Manhole c/w Access Ladder & Platform	✓	✓
Mistral 7 Series - Donkey Engine 345cfm	✓	✓
Tank PRV - System PRV - (Type Approved)	✓	✓
Programmable Logic Controller	✓	✓
Lightweight Alloy Ladder Racks	✓	✓
Whole Vehicle Type Approval Accredited by VCA (UKAS 0028)	✓	✓

### OPTIONAL UPGRADES

	Non Haz	ADR
Mistral 7 Series 345cfm - Hydraulic Drive	✓	✓
Mistral 9 Series 500cfm - Engine Drive or Hydraulic Drive	✓	✓
Up to Mistral 1000 Water Cooled Power pack	✓	✓
Odour Suppression System	✓	✓
Environmental Package	✓	✓
Tractor Unit Hydraulic Drive Conversion c/w Nexus Boom	✓	✓
Grade 304SS Box Section Rings c/w Carbon Mountings	✓	✓
Grade 304SS Box Section Rings c/w 304SS Mountings	✓	✓
Bursting Disc with Protective Cover	✓	✓
Additional Molex Valves Lever or Air Operated Ball/Knife/Butterfly	✓	✓
Running Gear Framework "I" Beam Section	✓	✓
Running Gear Framework in Stainless Steel Box section	✓	✓
Drum Brakes	✓	✓
Castor Rear Steer	✓	✓

### OPTIONAL UPGRADES

	Non Haz	ADR
Command EVSE Rear Steer system	✓	✓
Alloy Wheels (Matt Finish or Bright Polished) Weight Saving	✓	✓
Side Opening Rear Door with Manual or Hydraulic Clamps	✓	✓
Full Length Low Level folding Catwalk and Handrail c/w Hydraulic Hand Pump	✓	✓
Pneumatic Operated Magic Manhole	✓	✓
Additional Tank Top Manhole(s)	✓	✓
Manhole Coamings complete with Drain Valves	✓	✓
Sealed Hose Trays	✓	✓
Lightweight Full Length Alloy Ladder Racks - ADR - Hoses to be plugged	✓	✓
Dedicated Storage for Tools and equipment etc.	✓	✓
Solid Sign Storage - 6 off 600mm high - (Highway Use)	✓	✓
Solid Sign Storage - 6 off 750mm high - (Motorway use)	✓	✓
Heated PPE Locker in Stainless Steel	✓	✓
Type Approved Full LED Trailer Kit (2 year Warranty)	✓	✓
Additional Lighting and Warning Beacon etc.	✓	✓
Range of PD (Positive Displacement) or PC (Progressive Cavity) Slurry pumps	✓	✓
Whale iWeigh system - SGS/HSS	✓	✓
Load Indicator System - no buzzer (Visual Gauge)	✓	✓
Load Indicator System - (Visual Gauge & Buzzer Activated)	✓	✓
Loadcell Plate Weighing System & 5th Wheel Plate	✓	✓
Reversing Camera System (2 year Warranty)	✓	✓
Electrically Heated Handwash	✓	✓
ORCA 170 Low Volume Jetting (1,500 Litre Capacity)	✓	✓

#### WhaleVac Vacuum Circuit

Mistral 7 Vacuum System giving an output performance of 345cfm Free Air

#### Other Performance Levels Available

Range up to Mistral 1000 Engine or Hydraulic drive

#### Material Choices: WhaleVac - Non Haz:

Carbon Steel: Grade 304 Stainless Steel, Grade 316 Stainless Steel

#### ADR WhaleVac:

Carbon Steel: Grade 304 Stainless Steel, Grade 316 Stainless Steel

Lined: 4mm/5mm/6mm thick

**Pressure Vessel Depends on Application and Product List**  
Frameless Construction

**Molex Valve Range**  
Semi Trailer Running Gear

**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.



## 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](mailto:sales@whale.co.uk), or visit our website at [www.whale.co.uk](http://www.whale.co.uk)



### WHALE TANKERS LTD.

Ravenshaw, Solihull, West Midlands, B91 2SU  
United Kingdom. telephone +44(0)121 704 5700  
[whalemail@whale.co.uk](mailto:whalemail@whale.co.uk) [www.whale.co.uk](http://www.whale.co.uk)

AQUA | WHALE

CITY | WHALE

CITY | CYCLER

GULLY | WHALE

COMPACT | WHALE

GULLY | WHALE

MEGA | WHALE

VACUUM | WHALE

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**



*Reliability, Service, Value ... for Life*