

# WHALE TANKERS BUDGET SPECIFICATION

**Date:** 18/08/2008  
**Quotation Number:** 61553 Revision 3  
**Production Number:** **32752**

**Customer:**  
**Address:**  
**Contact:**  
**Email:**  
**Telephone:**  
**Fax:**

---

---

**End User:**  
**Contact:**  
**Address:**  
**Telephone:**  
**Fax:**

---

---

**Whale Contact for Amey:**  
**Whale Service:** 0121 704 5710  
**Whale Spares:** 0121 704 5720

---

---

**Type:** **18 Tonne DEMOUNTABLE MEDIUM VOLUME COMBINATION**

**Warning:** In certain operational circumstances it is possible that the GVW or individual axle loading of this vehicle could be exceeded, the operator should be made aware of this possibility.

**Other Demount Body:** ECON Gritter

**Warning:** In certain operational circumstances it is possible that the GVW or individual axle loading of this vehicle could be exceeded, the operator should be made aware of this possibility.

**Chassis:** Free Issue Mercedes 4x2 18 Tonne GVW

**PTO:** **Whale to fit Webster PTO**  
: Demount frame free issued with chassis

**Drive:** Right Hand Drive

**Chassis Dealer:** Mudie Bond

**Contact:** Mick Shirley

**Telephone:** 07976 731193

**Chassis Exhaust:** Factory supplied and fitted

**Height Limit:** **NONE ADVISED.**

---

---

## TANK

**Shape/Thickness:** Cylindrical/5.00mm

**Material:** Carbon steel

**Internal Finish:** Stainless steel lining in lower half of sludge compartment

**Contents:** Water/sludge

**Specific Gravity:** 1.00

**Nominal Capacity:** 1540 gallons (7000 litres)

**Fall over length:** Parallel

**Mountings:** Welded to ECON Demount Frame

**Demount System:** ECON QCB DEMOUNT SYSTEM

: Set of Storage Legs

**Height indicator:** Visual warning in cab to alert driver if overhead equipment or tipping body not stowed correctly.  
To comply with regulations Construction & Use 1986 Amendment SI 1997 No 530

**Safety:** Integral body-prop, operated from nearside  
: NB The tipping is part of the ECON Demount system

**PRV:** Tank-top Whale patented PRV, piped to ground with cable-pull.

## WHALE TANKERS BUDGET SPECIFICATION

**PRV:** In-line Whale PRV, PTFE components. Locked, sealed & set - piped to ground

**Front End:** Torispherical dish and flange to BS.5500

**Rear End:** Hydraulic-operated torispherical door & dewatering system

**Hydraulic Door clamps:** Hydraulic-operated door clamps with controls on nearside

**Division:** One division to form additional water compartment

**Water Tank:** Pannier tanks integral with Vacuum Pressure tank. Compartment ratio - Clean: 3000 litres /  
Waste 4000 litres

**Interconnection:** Kerbside air operated 2" valve with switch in a lockable box

# WHALE TANKERS BUDGET SPECIFICATION

## CONTENTS INDICATOR

**Sight Glass:** 2" diameter Acrylic sight glass in rear compartment with cleaning and rodding access. 2" diameter full length Acrylic sight glass in water compartment.

## VALVES

**Resealing:** 2" resealing valves on both sides & dirty water blow back down gully pipe c/w retention fixture to capture flexible hose extensions when in transit

**Inlet/Outlet valve:** 4" lever operated ball valve

**Inlet/Outlet connection:** 4" URT with blank cap

**Inlet/Outlet position:** In rear door

**Filter valve:** 4" lever operated ball valve

**Filter connection:** 4" URT with blank cap

**Filter valve position:** In rear door

**GULLY ARM TYPE** 5" full bore, 300 degree. rotation, fully counterbalanced, air-assisted  
: Sludge breaker fitted to downpipe

**Parking:** Permanent on nearside, temporary on offside

**Valve:** 6" full bore pneumatically controlled from chassis nearside and offside

## JETTING SYSTEM

**Water Intake:** Approved no back syphon hydrant filler - std 2.1/2" quick coupling

**Jetting pump:** ORCA 240 high pressure pump (120 l/min at 120 bar)

**Drive:** Hydraulic Oil Tank from ECON - Whale Hydraulic system

**PTO Control location:** In rear control panel and on nearside

**Main hose reel:** Self-aligning hydraulically operated reel with 100m x 3/4" Whale Thermoplastic HP sewer jetting hose

**2nd Hose reel:** Manually-operated reel on nearside with 30m x 1/2" high pressure hose

**Gauges:** Water pressure calibrated in PSI and BAR mounted in rear control panel and secondary hosereel

: Automatic audible low-water warning & auto-dump circuit

**Equipment:** 1m Long Handlance with fan and needle nozzles. Domestic 1/2" drain nozzle and pipe vice.

**Nozzles:** Standard forward facing and retro nozzles for main reel. 3/4" hose

: Emergency Engine stop fitted at rear on chassis

## VACUUM SYSTEM

**Exhauster:** Mistral 400 series exhauster/compressor. Output: 245 cfm Free Air  
: System deoiler

**Drive:** Hydraulic Oil Tank from ECON - Whale Hydraulic system

**PTO Control location:** In rear control panel and on nearside and offside

**Cut-off:** Primary and Whale Cyclone

**Protection:** Suction side grit strainer & check valve

**Control:** Pressure or vacuum pneumatically operated

**Control location:** All controls at nearside and offside workstation control panel and on the gully arm as required

**Gauges:** Vacuum/pressure calibrated in working pressure & vacuum mounted on gully arm and rear control panel

# WHALE TANKERS BUDGET SPECIFICATION

## STORAGE

- Hose storage:** 3 off Hose storage hooks with retaining straps on offside  
**Other storage:** Low level stick box and separate tool rack on nearside, front of stick box to have front drop down flap
- : Cone spike suitable for the storage of up to 6 off 460mm road cones
  - : Storage for roll up road signs
  - : Stainless steel tool locker with drain holes, fitted on offside
  - : Stainless steel tool locker fitted on offside mounted off tank barrel.
- Mudguards:** Thermoplastic with reflective safety mudflaps

## LIGHTING

- : End outline marker lights & side marker lights and reflectors
- : 1 off Xenon stobe type beacon fitted at rear on nearside
- : 1 off Xenon stobe type beacon fitted at rear on offside
- : 1 off worklight mounted on gully boom
- : 1 off worklight fitted at rear
- : 1 off worklight fitted on nearside

## GENERAL

- Regulations:** Construction and Use. S.I. 128 - 2000  
**P.E.D.** To comply with The Pressure Systems Regulations SI 1999 No. 2001 Directive No 97/23/EC
- Insurance:** £5M Products Liability cover  
**Quality Ass:** Design & Construction insurance approval plate  
**Testing:** Hydraulic test to 23 psi/full vacuum. Operating pressure/vacuum 15 psi/28"Hg  
**Commissioning:** 1 day commissioning instruction  
**Weight ticket:** Weight ticket supplied  
**Labels:** Safety labels and operator handbook  
: Delivered to your nominated site

## PAINTWORK

- Internal Finish:** Stainless Liner  
**External Finish:** Shotblast, primed & finish painted in 1 colour in 2 pack paint  
**Chassis Finish:** Black - By ECON - Re Finished by Whale if required  
**Cab Finish:** OEM Factory Finish  
**Wheel finish:** OEM Factory finish  
**Signwriting:** Signwriting extra at cost

## OTHER FEATURES

- : Overall height displayed in cab
- : Adjustable traffic directing arrow to rear
- : Electrically heated handwash unit
- : Automatic PTO disengagement linked to handbrake
- : Stainless steel rear control panel cover
- : Chassis mounted air operated grid lifter fitted to nearside

## EXTRAS

- Hose:** 2 off - 3m long x 4" diameter plastic suction hose with URT connections

- COMMENTS** The following features will be supplied and fitted by either the chassis dealer (Mudie Bond) or ECON prior to delivery to Whale Tankers
- : Lucas beacon bar ( Part no. 6A43A01AAAAACAME24B) mounted on cab roof
  - : First aid kit supplied and fitted in cab
  - : 2kg Fire extinguisher supplied and fitted in cab
  - : No Smoking stickers fitted to inside of both cab doors

## WHALE TANKERS BUDGET SPECIFICATION

- : Rear view Camera
- : Audible reversing bleeper
- : Greasing nipple to be piped from the boom slewing ring along the gully arm to low level (to facilitate greasing from ground level).
- : Cross bar fitted in the bottom of the alloy gully arm downpipe.
- : Engraved label with registration number attached to the tank frame and chassis.
- : Mudguards - fitted by ECON reflective mudflaps

**SPECIFICATION ENDS**