WHALE TANKERS SPECIFICATION

01/09/2017

Date:	24/01/2008
Quotation Number:	61000
Production Number:	**32686 - 32691**
Customer:	Accord
Address:	2-4 Southgate St, Chichester
Contact:	Ray Moody
Telephone:	01243 753126
Fax:	01243 753102
Whale Contact:	Bob Churchill 07977 262511 Main Switchboard 0121 704 5700
Whale Service:	0121 704 5710
Whale Spares:	0121 704 5720
Type:	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.
Chassis:	**Whale Supplied DAF FA LF 55.220 Euro 4 18 Tonne GVW chassis**
Drive:	Right Hand Drive
Chassis Dealer:	Imperial Commercials - Halesowen
Contact:	John Stokes
Telephone:	07939 136522
Chassis Exhaust:	DAF Factory supplied and fitted overhead system
Height Limit:	**NONE ADVISED.**
PTO:	1 Only
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:	1800 gallons
Fall over length:	Parallel
Mountings:	Ram cradle at front, tipping hinges at rear, including full length subframe if required
Tipping:	Single front mounted multi-stage ram, controlled from nearside
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
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 with 20" diameter bolted man access. Compartment ratio: 3650 litres clean/4500 litres dirty
Interconnection:	Kerbside operated 2" ball valve
PRV:	Tank-top Whale patented PRV, piped to ground with cable-pull.
PRV:	In-line Whale PRV, PTFE components. Locked, sealed & set - piped to ground
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.

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VALVES	
Resealing:	2" resealing valves on both sides & dirty water blow back down gully pipe
:	Nearside re-sealing valve. (As discussed R.J.C. ,G.M.) Turn the hose outlet to right of suction down tube.
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 & offside
BOOM JETS	High pressure boom jets with controls on gully downpipe
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 Via T Drive & automatic engine speed setting
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 hose reel panel
:	Automatic audible low-water warning & auto-dump circuit
Equipment:	Handlance with fan and needle nozzles. Domestic drain nozzles for 1/2" hose and pipe vice.
Nozzle:	1 standard retro nozzle. 1 standard forward/retro nozzle. For 3/4" hose
VACUUM SYSTEM	
Exhauster:	Mistral 400 series exhauster/compressor. Output: 245 cfm Free Air
:	System deoiler
Drive:	PTO & T Drive with propshaft guard, & automatic engine speed setting
PTO Control location:	In rear control panel and on nearside & offside
Cut-off:	Primary and secondary overspill canister with cut out & 1.5" drain
Protection:	Suction side grit strainer & check valve
Control:	Pressure or vacuum pneumatically operated
Control location:	Pneumatic selector on the gully arm and in rear control panel
Gauges:	Vacuum/pressure calibrated in working pressure & vacuum mounted on gully arm and rear control panel
STORAGE	
Hose storage:	Hose box on offside, lockable
Other storage:	Tipping stick box with drain holes and separate tool rack on nearside
:	Cone spike to take 6 off 460mm high cones
:	Storage for roll up road signs
:	Stainless steel tool locker with drain holes
Mudguards:	14SWG steel with reflective mudflaps

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LIGHTING	
:	End outline marker lights & side marker lights and reflectors
:	2 off amber flashing beacons, 1 fitted each side at rear
:	1 off worklight fitted to Gully Boom
:	3 off worklights 1 fitted at rear and 1 fitted each side to illuminate gully area
:	Amber lightbar on cab roof
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
:	Emergency engine stop on rear control panel
:	Delivered to your nominated site
PAINTWORK	
Internal Finish:	Stainless steel lining in lower half of sludge compartment
External Finish:	Shotblast, primed & finish painted in 1 colour in 2 pack paint
Chassis Finish:	Black
Cab Finish:	OEM Factory Finish
Wheel finish:	OEM Factory finish
Signwriting:	Signwriting at extra cost
Other features:	Adjustable traffic directing arrow to rear fitted on offside on locker
:	Overall height displayed in cab
:	Electrically heated handwash unit
:	Automatic PTO disengagement linked to handbrake
:	Chassis mounted air operated grid lifter
:	Supply and fit wheel indicators
:	Supply and fit reversing camera
:	Supply 2kgs fire extiguisher in cab
:	1 off 3m length x 4" diameter plastic suction hose with URT connections
:	Fit Brigade Back Alarm. (Part No. BBS-92).
	SPECIFICATION ENDS