

12 m³ TANK UNIT FOR ZONE II W/ CHARGE PUMP & AGITATOR	
12TA001 TANK	
Type	Atmospheric circular tank
Operation Volume	12 m ³
Max. Specific gravity (s.g.)	2,2
Piping material	Carbon steel (A105)
Structural and tank material	Carbon steel (S355 J2+N)
12CJ001 AGITATOR	
Type	Moi AS design Vertical w/double set of blades, outlet device and bottom bearing
Driver Type	Hydraulic motor. Hydraulic power available at 210 Bar, 80 l/min
Max. Continuous torque	2767 Nm (at 210 bar at 85% efficiency)
12CJ001 CHARGE PUMP	
Type	Johstadt progressive cavity pump PF pumpe FJ 100.3
Max. flow rate	60 m ³ /h @ 18 bar
Max. power absorbed	50 kW
Driver	Gear
Driver Type	Hydraulic motor. Hydraulic power available at 210 Bar, 100 l/min
Rated speed	200 rpm
Suction connection flange	DN 150 PN 16 DIN 2501
Discharge connection flange	DN 125 PN 16 DIN 2501
65CT001 CONTROL PANEL	
	Externally mounted hydraulic control panel with all essential gauges and control handles. Operating of 2 hydraulic motors for 2-way direction. Emergency stop valve is located below the control panel.
INTERFACE CONNECTIONS	
Filling nozzle (main)	4" Hammerlug Fig 206 female (no wings)
Discharge nozzle	4" Hammerlug Fig 206 female (no wings)
Filling nozzle at top	4" Hammerlug Fig 206 female (no wings)
Drain nozzle in tank	4" Flange 150# RF ASME
Plant air nozzle	1" Chicago coupling
Hydraulic supply	1" quick connection (Snaptite serie 75 Female)
Hydraulic return	1" quick connection (Snaptite serie 75 Male)
Hydraulic leak	½" quick connection (Faster VVS Female)
CERTIFICATION	
	CE acc. to ATEX (ZONE II, 3G, Ex c, IIB, T4) 94/9/EC CE acc. to Machinery directive 98/37/EC NORSOK Z-015 EN12079 (& DNV 2.7-3)
LIFTING CERTIFICATION	
	Det Norske Veritas standard for Certification no 2.7-3 Portable offshore units
3RD PART VERIFICATION	
	Det Norske Veritas
DIMENSION	
Height	3.700 mm
Length	2.500 mm
Width	4 000 mm
WEIGHT	
Gross weight	40 000 kg
Tare weight	7.000 kg
Net weight	33 000 kg



PORTABLE OFFSHORE UNIT
DNV CN 2.7-3 Type A/ B/ C/ D - for Single/ Multiple Transportation

Name of manufacturer:	Moi A/S	
Month/ year of manufacture:	Des. 07	
Manufacturer's serial no:	03/07	
Maximum Gross Weight:	40 Tonnes	Tara: 33 Tonnes
Maximum sling angle:	30°	

DNV's Product Certificate no: STG 07/6683
Design Temperature: -20°C

"DNV Hard Stamp"

Operational Restrictions:
The maximum sea state for lifting with content in tank is HS = 4.0m
The sling angles should be minimum 60 degrees with the horizontal plane