

Equipment Rental



Equipment Specifications

Zone II Diesel V30 Vacuum Unit

The diesel operated vacuum unit complies with the latest European Directives and UK regulations for use in Zone II hazardous areas. The units container is built in accordance with DNV 2.7:1 standard and comprises of an enclosed protection frame with regular access to internal equipment via two doors at the front side. The unit is comprehensively sound attenuated to keep noise values to acceptable levels at full operating speeds.

Technical Specification

Certification:	Zone II – Atex Directive 94/9/EC
Voltage:	Yellow Alert option at 24 or 110 Volt
Shutdown System:	Pyroban
Diesel Engine:	Iveco 7675i 80kw @ 1800 rpm or JCB 444NA 60kw @ 1800 rpm
Pump:	Samson V30
Max Vacuum:	150 mbar
Max Overpressure:	1 bar
Max Suction capacity at 500 mbar:	1200ft ³ /Minute @1800rpm
Pump Max Vacuum:	200mbar abs
Tare:	3080kg
Gross:	7080kg
Dimensions L x W x H:	3.5 x 2.4 x 2.5 mtr
Operational ATEX Values:	Group II 3G Ex IIA T3
Operational Temperature:	+5° to +40° Celsius (Range)
Unit Build Specification:	DNV 2.7:1
Unit Dimensions:	L 3.048m. W 2.348m. H 2.485m.
Noise Value:	≤ 92 dB(A) @ 1m
Engine Type:	Naturally Aspirated Diesel
Pump Max Vacuum:	200mbar abs



System Requirements

Air Supply:	130cfm (230cu.m/hr)@100psi
Fresh water supply:	Requires filling prior to starting and consumes 2.5L/h