

Compressor 350-400cfm

Zone2 Rated

DNV 2.7-1/EN12079

The Compressor has been designed for wireline operations where an independent air supply is required. The frame incorporates forklift pockets and lifting padeyes for crane handling.

A wide range of compressor Zone 2 and certified DNVGL 2.7-1 / EN10855 (ex EN12079) air delivery and output pressure, can be manufactured.

A wide range of stand-alone compressors for hazardous area zone2.

Description

- Diesel Cummins 4BTAA3.9-C125 4 cylinders engine zone2 water cooled, 93kW
- Electrical starting system
- Diesel Engine Protection EN1834-1 ATEX94/9/EC
- Water cooled exhaust manifold and heat exchanger for T3=200deg
- Inlet flame trap for IIB operation
- Inlet shut down valve and fuel shut down
- Exhaust flametrap
- Crankcase ventilation flametrap
- Antistatic fan belts
- Spark arrestor
- High water coolant temperature shut down at 100deg C
- High exhaust gas temperature shut down at 200deg C-T3
- Low oil pressure shut down at 0.8bar
- Overspeed valve shut down
- Screw fitting oil dipstick/ filter cap
- Compressor Atlas Copco or Chicago Pneumatic
- Clearly laid out ergonomic anodized aluminium control panel with engine speed/ oil pressure/ oil temperature/ coolant temperature/ exhaust temperature/ air pressure gauges and hour meter
- Protection for all drive belts
- Sound attenuated protection (doors)
- Silencer
- Skid mounted frame structure certified DNVGL2.7-1/ EN10855

Dimensions & Weight (container 10ft)

Dimension (L x W x H)	m	3.00 x 2.44 x 2.59	ft	9.84 x 8.00 x 8.50
Weight	kg	6500	lbs	14330



Specifications

General

Lifting Frame Standard	Sound Level @ 1 Meter	Starting System
DNV 2.7-1 BV Certified	90 - 99 dBa	Electrical Starting System

Compressor

Compressor Brand Type	Normal Effective Working Pressure	Actual Free Air Delivery	Engine Speed Unloaded / Nominal Max.
Atlas Copco XAHS350	12 BARS (175 PSI)	354 CFM (10 M ³ /MN)	1600 rpm / 2300 rpm
Atlas Copco XATS350	10 BARS (145 PSI)	354 CFM (10 M ³ /MN)	1600 rpm / 2300 rpm
Atlas Copco XAS 375	7 BARS (102 PSI)	405 CFM (11.5 M ³ /MN)	1600 rpm / 2300 rpm
Atlas Copco XAS 400	7 BARS (102 PSI)	405 CFM (11.5 M ³ /MN)	1600 rpm / 2300 rpm
Chicago Pneumatic CPS350-12	12 BARS (175 PSI)	354 CFM (10 M ³ /MN)	1500 rpm / 2300 rpm
Chicago Pneumatic CPS350-10	10 BARS (145 PSI)	354 CFM (10 M ³ /MN)	1500 rpm / 2300 rpm
Chicago Pneumatic CPS400	7 BARS (102 PSI)	405 CFM (11.5 M ³ /MN)	1500 rpm / 2300 rpm

Engine

Manufacturer Model	Power @ 2300 RPM	Governor	Turbo	Air Intake	Fuel Consumption Autonomy
Cummins 4BTAA3.9-C125 with Full Miretti Engine Protection System	93kW (130Hp)	Mechanical	Yes	Chalwyn/Miretti	Fuel Consumption: 19L/Hour Max Tank Capacity: 175L Fuel autonomy @ 100% load : 8 hours

Engine Controller (Optional)

Manufacturer	Engine Hours and Maintenances Monitor	Engine Parametres Monitor
Miretti MeecaEx	Yes	Yes

System includes:

- High water coolant temperature shut down at 100deg C
- High exhaust gas temperature shut down at 200deg C-T3
- Low oil pressure shut down at 0.8bar
- Overspeed valve shut down
- High Performance Radiator (coolant engine & zone2 / oil compressor)

Options:

- Gas detection shut down
- ESD (Emergency Shut Down) air system, air supply from the platform (no air=> engine shut down)
- Extra tank capacity 180l
- Starter Spring / Hydraulic / Air



certificate by



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