

XATS 1600 ZONE 2



ATEX 94/9/EC certified for
Zone 2/Class 1, Div.2 hazardous area

FAD
1600 cfm @ 150 psi
45 m³/min @ 10.3 bar

Atlas Copco



Technical data

Model		XATS 1600 Zone2
Actual free air delivery **	cfm / m ³ /min	1600 / 45
Normal Pressure	psi / bar	150 / 10,3
Fuel tank capacity	US gal / l	269 / 1019
Air outlet connection	inch	2
Ambient operation conditions	°F / °C	+14 to +122 / -10 to +45

Engine - Cummins		
Model		KTA 19 DM Tier2
Power	bhp / kW	570 / 425

Dimensions (L x W x H) & Weight		
Overall	in / cm	239 x 96 x 102 / 606 x 244 x 259
Enclosure		20 ft DNV 2.7-1 certified container
Wet weight	lbs / kg	32,017 / 14,523
Dry weight	lbs / kg	29,410 / 13,340

** according to ISO1217 ed. 3, 1996 annex

XATS 1600 - Zone 2

As a world leader in innovation and compression technology, Atlas Copco delivers diesel driven Zone 2 compressors for the oil and gas industry.

This XATS 1600 Zone 2 compressor build into a DNV offshore container includes the latest ATEX technologies for safe operation in hazardous areas (Zone 2 / Class 1, Div.2).

Designed with maximum safety in mind, this unique package provides energy efficient performance for well tests, gas flaring or any other offshore jobs.



Features and Benefits

- ATEX 94/9/EC certified for operation in hazardous area Group II Cat IIb T3
- CE certified compressor
- DNV 2.7-1 certified container + certified slings
- Cummins KTA 19 DM Tier 2 mechanical engine (570hp) with water cooled turbo charger
- Miretti explosion protection system
- Pneumatically controlled compressor to limit electronics and increase reliability in corrosive environments
- Pneumatic starter with air vessel for multiple start attempts
- High compressor oil temp, high engine water temp, high air discharge temp shutdowns
- Low engine oil pressure and low oil level shutdowns
- Stainless steel fuel tank for 8 hours operation
- Stainless steel braided fuel lines
- Recessed external fuel connections & manual fuel cut-off valve
- After cooler and water separator with automatic drain
- Recessed flasher lights & horn
- 2 Emergency stops on opposite sides
- Emergency Platform Shutdown / Yellow alert
- Fire suppression system
- Internal lighting
- Spillage free base frame (can be slided out for repair jobs)
- Fork lift slots
- 3 layer off shore paint
- Wide service doors with stainless steel locks and latches
- Anti-static fan and belts
- Offshore coated coolers
- Additional fuel pre-filters with water separators
- Central drains for ease of maintenance

Miretti explosion protection kit

- Automatic air inlet shut down valve
- Inlet flame arrestor
- Spark arrestor integrated in the exhaust muffler
- Miretti Catalyse flame trap system (3000 hrs service)
- Water cooled exhaust gas cooler
- Crankcase breather with flame arrestor
- EExd flameproof alternator
- EExe increased safety battery
- Automatic engine shut down system

