



S-SERIES 3516 Standard Compression Packages

Guaranteed performance and quality in a compact, cost-effective design

Key Benefits

Stream-lined Design

- Exterran's standard package with pre-designed options to maintain package flexibility and competitive pricing
- Designed with safety, ease of maintenance, and package footprint in mind
- Designed across a range of performance conditions to suit most common applications
- Lower center of gravity reduces package vibration resulting in greater runtime in the field
- Cooler platform allows for easy access to catalyst housing and surge tank
- Standard packages often available for immediate shipment
- Short lead-time for production drawings to expedite your planning and lower your contract, budget and schedule risks

Proven Performance

- As the global compression provider, Exterran has the expertise to solve your challenges and deliver fit-for-purpose solutions.
- Thousands of 3516-JGT/4 units built and installed to date

Easy Startup and Operations

- Maintenance costs lowered due to commonality of components
- Units arrive with customer connections terminating at compressor end of skid for easy and fast installation
- Control panel designed to be up to 10 ft. off skid to allow for easy placement by customer
- No external power required, allowing for isolated location operations
- Exterran's QuickStart® shipping and testing procedure designed to significantly reduce field time required for reassembly, installation, and start-up of compressor packages



OVERVIEW

Exterran's S-Series natural gas compression packages provide a flexible, cost-competitive solution to your gas compression needs. These pre-engineered compression packages are manufactured with high-quality components and offer well-tested standard features giving you the same performance and full functionality you have come to know and trust from Exterran. Our standard packages come pre-designed with a list of options, shown on the back of this page, available at time of purchase. The S-Series package is designed to provide a low overall center of gravity and ease of transportation.

Packages include a 1380 horsepower Caterpillar 3516 B or 3516 J engine, Ariel JGT/4 3-stage compressor, and ASME-code stamped pressure vessels. The standard control panel is the Altronic DE-3000 (optional panels available) with alarms and shutdown for oil and water levels, scrubber liquid levels (automatic dump valve included), cylinder discharge temperature and pressure.

Whether you need one package quickly or multiple units on a scheduled basis, Exterran is your source. We manufacture hundreds of units per year on a standard platform and have the capacity to increase volume quickly with the benefit of large inventory in stock.

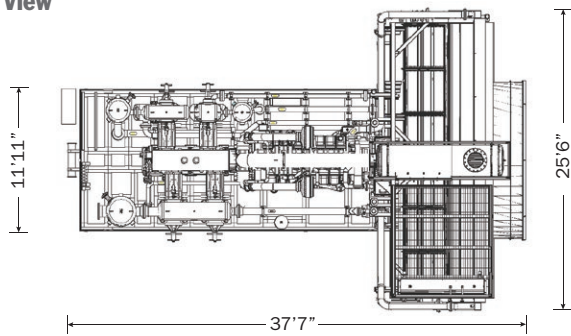
Standard safety features include automatic shutdown controls and check-plate, slip-resistant work surfaces. Our design facilitates air emissions compliance with catalyst housing and sampling test ports. It also includes containment measures with a 3" drip lip welded on to the skid perimeter.

Exterran can also assist you with site installation and commissioning services. A full list of these services can be made available upon request.

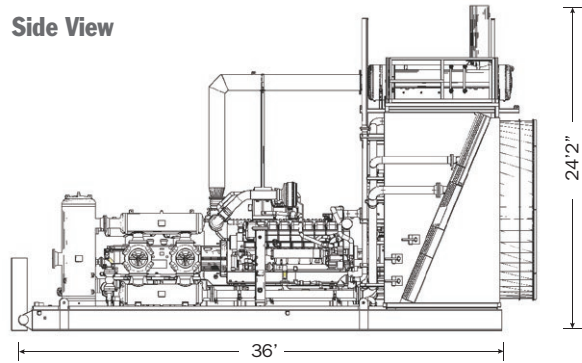
3516 S Compression Packages

OVERALL DIMENSIONS

Top View



Side View



Dimensions and weights shown here are approximate and may vary. Skid shipping dimensions are: width 13'4" length 36' and height 11'. Precise measurements for freight permits should be confirmed prior to shipping. Cooler and exhaust system are removed for shipping.

Standard Features

- Altronic DE-3000 control panel with umbilical to allow for placement up to 10 ft. off skid
- AXH model 156EF Cooler
- 8" fuel filter located at engine side of package
- NDE on all vessels per ASME Section 8 and process piping per ASME B31.3 Code
- WVCP's on both first-stage cylinders
- (4) Lifting lugs and draw bar on compressor end of skid
- Critical grade exhaust/silencer mounted on top of cooler - 25 to 30 dBA
- Manually operated bypass and blowdown valves
- Clear-zinc coated carbon steel tube fittings
- PSV vents equipped with rain caps and locally piped to safe elevation above top of cooler
- Painted Exterran Gray using Exterran's standard onshore paint system
- Three CD copies of package data book
- All compressor vent and drains gathered to skid edge connections
- OSHA compliant work platform on top of cooler
- 1/16" corrosion allowance on vessels and process piping
- Low noise fan
- All connections terminated at compressor end of skid

Cylinder Configuration	Bore Diameter (inches)			Performance Ranges		
	First Stage	Second Stage	Third Stage	Suction, psig	Discharge, psig	Flow, MMSCFD
3-002	15.750	11.500	6.375	10 - 50	800 - 1300	3.5 - 7.3
	15.250	11.000	6.000			
3-003	15.750	9.750	6.375	10 - 40	800 - 1300	3.0 - 6.8
	15.250	9.250	6.000			
3-004	13.500	9.750	6.375	20 - 60	800 - 1300	4.0 - 8.5
	13.000	9.250	6.000			

Standard Options

- Cylinder WVCPs available on 2nd and 3rd stages
- Compressor pneumatic pre-lube pump
- Compressor electric pre-lube pump (50 or 60 hz)
- Compressor hotstart lube oil system (50 or 60 hz)
- Catalytic converter DPI tubed low to ground level
- Catalytic converter test ports tubed low to ground level
- Engine combination oil/water hotstart (50 or 60 hz)
- Engine start gas PSV
- OSHA compliant engine work platforms with stairs
- OSHA compliant engine work platforms with ladders
- Catalyst elements- set of (2) standard catalyst and (1) blank catalyst
- Hospital grade silencer- 35 to 40 dBA reduction
- Electric heat trace and insulation on scrubber dumps and fuel system
- Hot EJW heat trace and insulation on scrubber dumps and fuel system
- Inlet suction screen and spool piece
- AXH site specific 156EH cooler
- Exterran stock 144EH Flex Cooler
- Caged ladder on cooler work platform
- Hail guard on top of cooler-expanded metal
- Removable bug screen on cooler
- Cooler fan deck shipping legs
- Single automatic louver to control all gas sections
- Automatic louvers to control all gas sections separately
- 1/16" corrosion allowance on cooler headers
- Murphy Centurion panel
- Murphy Centurion Plus panel

