

ORIGINAL

REQUISITION
ROCKDALE COUNTY, GEORGIA

APR 18 11 19 PM 3:28
DISTRIBUTED
LA
PROCUREMENT 4-18-19

VENDOR # _____ P.O.# _____

SHIP TO: FLEET 2570 OLD COVINGTON HWY CONYERS GA 30012

		VENDOR QUOTATIONS REQUIREMENTS							
		15,000.000 and OVER - SEALED BIDS							
		2,500.00 TO 14,999.99 - THREE WRITTEN QUOTES							
		0.00 TO 2,499.99 - ONE PHONE QUOTE							
Department/Account	Quantity	Unit	Description	VENDOR #1		VENDOR #2		VENDOR #3	
				UNIT	EXTENDED	UNIT	EXTENDED	UNIT	EXTENDED
RENEWAL AND EXTENSION	1	EA	ATLAS COPCO 185 CFM 100 PSI AIR COMPRESSOR	19,506.67	19,506.67				
	1	EA	100' HOSE REEL MOUNTED ON DRAWBAR	2,500.93	2,500.93				
	1	EA	100' OF 3/4 HOSE WITH CHICAGO FITTINGS	416.40	416.40				
	1	EA	CASTOR WHEEL ON JACK	416.40	416.40				
			SOURCE WELL #032515-ACC AKA NSPA <i>Cooperative Agreement</i> JM						
			REPLACEMENT FOR WA185C-ALREADY SURPLUS AND SOLD JUNE 2018						
			EMAIL PURCHASE ORDER TO: STACY SUTTON, WANDA LESTER AND ANGEL KUSCH DO NOT SEND PURCHASE ORDER TO VENDOR						
			TOTAL		22,840.40	0.00	0.00	0.00	0.00
Recommended Source of Supply:		YANCEY RENTS - DIVISION OF YANCEY BROS CO							
		300 LEE INDUSTRIAL BLVD							
		AUSTELL, GA 30168-7406							
CONTACT:		TAYLOR RIDE							
Purchasing Officer Use Only Below Line		PHONE: 678-294-5575		Requesting Department: SEWER COLLECTIONS		Date Prepared: 04/18/19		Date Required: 4/18/19	
				<i>Wanda Lester</i>		Elected Official		Department Head:	
Award to be made to:		<i>Yancey Rents</i> SM 4/24/19							
(If not low quotation, indicate reason):		Approved for preparation of Purchase Order							
		Accounting Officer						Date	

2019-261



A Division of Yancey Bros. Co.
300 Lee Industrial Blvd
Austell, GA 30168-7406
770 819 5208 telephone
www.YanceyRents.com

3/6/19

Stacy Sutton:

Yancey Rents is pleased to present the following quote for the Atlas Copco 185 CFM.

- Atlas Copco 185 CFM, 100 PSI compressor, standard enclosure, on wheels: \$19,506.67
- 100' Hose reel mounted on drawbar: \$2,500.93
- 100' of 3/4 hose with Chicago fittings: \$416.40
- Castor wheel on jack: \$416.40
- Freight to Georgia: \$0.00
- Total: \$22,840.40

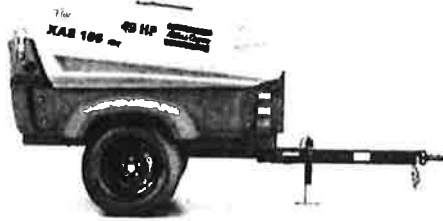
Source well#032515-ACC NJPA contract #

Please let me know if you have any questions.

Taylor Ride
678-294-5575
Taylor.ride@yanceyrents.com

XAS 185 KD T4F

Portable compressor



Product Summary

The Atlas Copco XAS 185 KD T4F is a single-stage oil-injected rotary screw type air compressor, powered by a liquid-cooled, four cylinder diesel engine.

The unit consists of an air end, diesel engine, cooling circuit, air/oil separation and control systems - all enclosed within a sound dampened HardHat™ polyethylene shell.

A broad range of undercarriage formats, factory and locally installed options are available.

Special attention has been given to the overall product quality, user friendliness, ease of serviceability, and economical operation to ensure best in class cost of ownership.

Available Models

XAS 185 KD HardHat™

single stage - 100 psi – Kubota engine

Standard Features

- 49Hp Engine with 185 CFM Free Air Delivery
- Low Fuel Shutdown

Optional Features

- 185 CFM free air delivery @ 2.3Gal/hr (8.7L/hr)
- Direct drive compressor, no gearbox required which saves horsepower and fuel
- Reduces downtime on site when operator runs out of fuel as there is no longer a need to "re-prime" the fuel system

Optional Features

- HardHat™ Enclosure
- Hose reels and external tool box
- Heavy Duty Single Axle Trailer w/ 13" or 15" tires

Benefits

- Heavy ¼" double wall polyethylene enclosure
- Dent and UV Resistant
- Keeps looking new for longer and adds to resale value
- [Click here to watch our HardHat video online!!!](#)
- Keeps all of the customer's hoses and tools in the same place, great for municipal bids.
- Well balanced for safer towing or moving around site
- High ground clearance for rough site and road conditions

XAS185 KD – Product Reference

Technical Data

Compressor	Units	XAS 185 KD T4F
Actual free air delivery ¹ (FAD)	cfm	185
Normal effective working pressure	Psi	100
Maximum unloading pressure	Psi	125
Minimum working pressure	Psi	58
Max. sound pressure level @ 23' (7m) at normal working speed & pressure ²	dB(a)	76
Compression Stages		1
Air Receiver Capacity	US Gal (L)	4.4 (16.7)
Compressor oil capacity	US Gal (L)	2 (7.7)
Approximate air outlet temperature	°F (°C)	200 (93)
Air Compressor outlets		2 x ¾"
Max. ambient temperature (at sea level) ³	°F (°C)	120 (50)
Maximum altitude	ft (m)	TBA
Minimum starting temperature (without cold weather options)	°F (°C)	14 (-10)
Minimum starting temperature (with cold weather options)	°F (°C)	TBA

Engine	Kubota	D1803-CR-TIE4B
Emissions Regulation	US EPA	Tier 4 Final
US EPA Engine Family		EKRXL02.4END
Output at rated speed (2700 rpm) ⁴	HP	49
Number of cylinders		3
Aspiration		Intercooled Turbo
Displacement	cu in (L)	102 (1.8)
Engine speed (Unloaded)	rpm	1800
Engine speed (Maximum loaded)	rpm	2700
Engine oil capacity	US Gal (L)	1.8 (7)
Engine coolant capacity	US Gal (L)	2.4 (9.1)
Fuel tank capacity	US Gal (L)	20 (75)
Fuel consumption at 100% load	Gal/Hr (L/Hr)	2.54 (9.61)
Electrical System (Negative Ground)	V	12
Battery Capacity (Cold Cranking Amps ⁵)	A	1100

¹ According to ISO 1217 ed.3 1986 annex D

² Measured in accordance with ISO 2151 under free field conditions @ 7m distance

³ Consult Atlas Copco for proper derating instructions for operation beyond ambient limitations

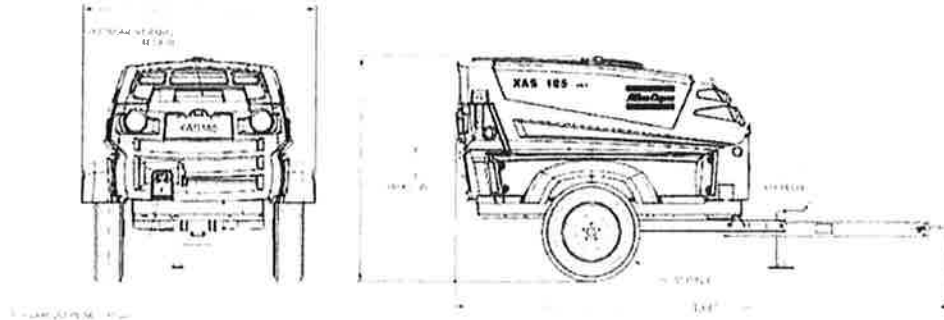
⁴ Horsepower limited by Engine FGV

⁵ According to DIN 72311

XAS185 KD T4F – Product Reference

Dimensions

Trailer mounted - HardHat™ Version



Weight and Capacity

		XAS 185 KD HardHat™
Trailer mounted	lb (Kg)	2,105 (955)
Support mounted	lb (Kg)	NA

Dimensions

		XAS 185 KD HardHat™
Trailer mounted (Inches)	L x W x H	139 x 64 x 58
Trailer mounted for shipping – low arm folded upright (Inches)	L x W x H	101 x 64 x 58
Support mounted (Inches)	L x W x H	NA

XAS185 KD T4F – Product Reference

Principle Data

Compressor Element

The quality of a compressor can be measured through the reliability, efficiency and durability of the compressor element used. Through decades of expertise in the design of compressor elements, the result is the production of most efficient and reliable compressors in the market. When the screw element is efficient durability excels, maintenance intervals decrease and fuel consumption goes down.

The XAS 185 KD T4F compressor utilizes Atlas Copco's C111 which element is directly driven from the diesel engine with a fiber disc coupler. No gear box means less horse power required to produce the same volume of compressed air.

Inlet air is filtered through a heavy duty two stage air filter.

Air/Oil Separator

Air and oil separation is achieved through a centrifugal oil separator combined with a filter element. Separators are ASME/CRN approved versions and are stamped accordingly.

Designed for a higher maximum working pressure, the separator is equipped with a sealed high pressure safety relief valve, sonic nozzle, automatic blow-down valve, and pressure regulator.

Air/Oil Separator Tank:

Volume	4.4 US Gal / 16.7 L
Certifications	ASME / CRN
MAWP	150psi @ 248°F

Cooling System

The cooling system consists of integrated side-by-side aluminum oil cooler with axial fan to ensure optimum cooling. The fan is protected by a guard for operator safety. There is an access port at the front of the machine for easy cleaning.

The cooling system is suitably designed for continuous operation in ambient conditions up to 120°F, with canopy door closed.

Compressor Regulating System

The compressor regulating system consists of two stage air filter, air receiver/oil separator, compressor element, blow down valve, and pressure safety valve.

Economic power consumption is assured by the fully automatic 100% step-less speed regulator that adapts engine speed to air demand.

Discharge Outlets

Compressed air is available from 2 x 3/4" claw type (Chicago) outlet valves.

Storage Compartment

The compressor has a built in tool box compartment. Tool box dimension is: 33 1/4" long x 6 3/8" wide x 10" deep

Engine

Kubota V1803

Kubota V1803 Tier 4 Final, intercooled turbo, three-cylinder, liquid-cooled diesel engine provides ample power to operate the compressor continuously at full-load.

Meets all US EPA and Environment Canada exhaust legislations with Tier 4 Final compliance. The US EPA engine family is "EKBXL02.4END". The engine utilizes a Diesel Particulate Filter with active regeneration to help meet Tier 4 Final emissions. All functionality of the engine and exhaust after treatment are controlled automatically on the XC2003 controller.

Engine output at rated speed, in accordance to SAE Standard, is 49hp at 2700 rpm, as limited by the engine ECU.

The engine has the capability to start the compressor to 14°F (-10°C) with standard glow-plug aid. Cold start options are available for up to (TBA).

The 20 Gal (75L) fuel tank is sufficiently sized to operate the unit for minimum of 8 hours at full-load condition.

XAS185 KD T4F – Product Reference

Electrical System

The **XAS 185 KD T4F** is equipped with a 12 Volt negative ground electrical starting system.

Instrumentation

The instrument control panel is located on the back, of the compressor canopy with easy access.

Standard instrument package includes an operating pressure gauge, and fully diagnostic ECU controller with large 3.5" display. The intuitive Atlas Copco XC2003 controller is easy to operate with all functions conveniently at your fingertips. The controller also manages the engine ECU operating system, and a number of safety warnings and shut downs on various parameters (listed below).

XC2003 Controller Functionality:

- Displayed while running
 - Hours
 - Fuel level
 - RPM
 - Outlet pressure
- Compressor measurements displayed
 - Running hours
 - Fuel level
 - Clock
 - Battery voltage
 - Running hours
 - Regulating pressure
 - Emergency stop count
 - Average fuel consumption
 - Minor and major service counters in hours and days
- Warnings and Shutdowns
 - High temperature engine coolant
 - High temperature compressor oil
 - Engine oil pressure
 - Low fuel level
 - High DPF soot level
- Settings
 - Manual regeneration of DPF
 - Reset service timers
 - Diagnostics for engine ECU
 - Language settings
 - Unit of measure changes
- Operational Buttons
 - Start and stop of the unit
 - View measurements, settings and alarms
 - Multi position cursor to navigate menus
- Engine measurements displayed
 - Current fuel rate
 - Engine coolant temperature
 - Engine oil pressure
 - DPF Soot level
 - Engine RPM
- Alarms
 - View current & historical alarms present
 - History of last 20 alarms and events with time and date stamps
 - DM1 & DM2: View current engine codes (SPN/FMI)



XAS185 KD T4F – Product Reference

Background

The compressor is delivered in the HardHat™ version.

HardHat™: Our HardHat™ version comes standard with dual wall, ¼" thick, Polyethylene material providing superior corrosion, and UV protection against fading and discoloration. As well as unmatched dent and damage resistance. The canopy is sound attenuated to meet the most current legal noise requirements. A clamshell style hood offers easy service access to all components.

Undercarriage

The **XAS 185 KD T4F** compressor is available with two undercarriage alternatives, providing utmost flexibility in installation or towing requirements.

- Single axle trailer setup with:
 - US DOT/Federal MVSS 49CFR571 approved light package and 4 way trailer plug
 - Adjustable height pintle hitch (3" lunette)
 - 13" Rims w/ ST175/75D13 Tires for trailer use
 - Trailer brakes not standard (can be added as option)
 - Heavy Duty torsion axle rated at 2,500lbs
 - Safety chains
 - Screw jack leveling
 - Single point lifting structure

Factory Options Available

- Hydraulic or electric trailer brake package
- 15" Rims w/ ST205/75D15 Tires
- Single or dual, 50' or 100' live hose reels (18" extended drawbar added)
- Exterior front toolbox (18" extended drawbar added)
- Airline lubricator (shipped loose)
- O.S.H.A. ¾" check valve
- Custom color canopy (minimum order may be required)
- Cold weather package (includes: 120V block heater, synthetic compressor oil)
- 2" or 2 5/16" ball hitches (shipped loose)
- Extended drawbar (18" extension)
- D-Ring tie downs
- Tool Box

XAS185 KD T4F – Product Reference

Atlas Copco Manufacturing is a Certified Organization

The **XAS 185 KD T4F** is manufactured following stringent ISO 9001 regulations, and by a fully implemented Environmental Management System fulfilling ISO 14001 requirements.

Attention has been given to ensure minimum negative impact to the environment.

The **XAS 185 KD T4F** meets all current US EPA, CARB and Environment Canada exhaust and noise emission directives.



Standard Equipment

The unit is delivered with documentation regarding:

- Hard copies of the Atlas Copco Operators Safety and Instruction Manual, Atlas Copco Parts Book, Kubota Engine Manual and Parts book, as well as electronic copies available on request.
- Warranty Registration card for engine and Atlas Copco Compressor (Units must be registered upon receipt).
- Certificate for air/oil separator vessel and safety valve approval, ASME/CRN (Upon request only).

Warranty Programs

Kubota Engine: Two (2) years / 2,000 hours of operation (whichever occurs first) & Major Component Warranty (MCW) for three (3) years / 3,000 hours (whichever occurs first) warranty from Kubota Engine America. Unit must be registered directly with Kubota upon receipt to be eligible for warranty. Failure to register warranty upon initial startup may cause warranty claim delays or rejection of claim by Kubota.

Atlas Copco Compressor: Warranted to be free from defects with regard to material and workmanship for the period of eighteen (18) months from date of shipment from the factory, or twelve (12) months from date of initial startup, whichever occurs first, without limitation of running hours.

Air compressor element assemblies used in Atlas Copco portable air compressors, is warranted to be free from defects with regard to materials and workmanship for the period of thirty (30) months from date of shipment from the factory, or twenty four (24) months from date of initial startup, whichever occurs first, without limitation of running hours. Atlas Copco service kits including parts and oils (Paroil's) must be used to maintain warranty. Failure to register warranty upon initial startup may cause warranty claim delays or rejection of claims.

Extended Warranty Programs: Programs are available; please contact your local sales representative for more info.

DISTRIBUTED
FLEET 04-18-19 2H

Equipment Request Form

Date 4/18/19

New Replacement (Check One)

Requested Equipment Information:

Year 2019

Make Atlas Copco

Model 185 CFM 100 PSI Air Compressor

Please attach quote.

Fund and Function for Fuel/Maintenance Charges (for example: 100-1510) 505-4331

Location where equipment will be housed 2420 Tatum Road

If this is New please provide justification. Attach extra sheet if necessary.

If this is a Replacement, please provide equipment to be replaced/surplused:

Unit # WA185C

Year _____

Make _____

Model _____

Mileage / Hour _____

Reason for replacing:

This Unit was surplus and sold June 2018

Wanda [Signature] 4/18/19
Director/Elected Official Signature _____ 4/18/19

Fleet Signature _____
sor _____



Vendor: Automated Intergration

Rockdale Water Resources

Capital Request Form

Request Number:	
Date of Request:	April 18, 2019
Requested by: (Division/Mgr) & Function #	Wanda Lester - 4333
Capital Item Requested/Project Name	2019 Atlas Copco 100 PSI Air Compressor
Cost of Capital Item:	\$27,840
Is this item budgeted for the current Fiscal Year?	Yes
Funding Source:	Renewal & Extension
Benefit of Capital Item: (Replace vs Repair/Will it increase useful life)	Replacement for WA185C - Already Surplus and Sold June 2016

APPROVALS	FOR RWR DIVISION	FOR RWR DIRECTOR
Signature		
Name	Wanda Lester	Torrell Gibbs
Title	Operations Manager	Director, Rockdale Water Resources
Date	4/18/2019	4/18/19

Capital Asset/Project Close Out	
Asset Types: Land, Buildings, Vehicles, machinery & equipment, computers, W/S Lines	
Project # (if construction project)	
RWR Assigned Asset #	0
Asset Type: (listed above)	Equipment
New or Rehabilitated Asset: (N or R)	New
Physical Location of Asset:	2420 Talum Road - Central Maintenance Water Wastewater
Asset Description: (Please Circle)	Wastewater
Official Asset Name for Asset List:	2019 Atlas Copco 100 PSI Air Compressor
(VIN#/Serial Number if applicable)	
Total Value of Asset if Project/Equipment is closed out & complete	
Date Project Completed:	
RWR Authorization: (signature/date)	
*Finance Authorization: (signature/date)	
*Please return signed copy to RWR	