

**2009 Atlas Copco PV-271 DR11**



<b>Make</b>	Atlas Copco		<b>Model</b>	PV271		
<b>Year</b>	2009	<b>Hours</b>	48432		As at	02/04/2019
<b>Mileage</b>				km	As at	
<b>Serial/VIN</b>	4496			<b>Engine Serial</b>	37229394B	
<b>Details</b>	<p>2009 Atlas Copco PV271 Rotary Blast Hole Drill rig asset # DR11.                  This Pit Viper 271 has been maintained by Epiroc / Atlas Copco since new under a via a MARC and was parked up in January 2017 at 48,432 frame hours with major component hours data is included in the detailed GES Equipment Report.                  This rig is running and will tram and the mast is reported to be in fair condition.                  The buyer is responsible for all costs related to dismantling and removal, contact GES for a budget dismantling cost from a NBG Approved Contrcator.                  This asset is offered for sale via Online Auction on an "As Is Where Is" basis ex Site Boddington Gold Mine, Western Australia.</p>					
<b>Asking price</b>	AUD	Under review - call for pricing				
<b>Ex site</b>	Australia, Western Australia, Boddington					

**Service history**

This rig was parked up in early 2018.  
Major component hours as per GES Equipment report.  
This rig is running and will tram and the mast is reported to be in fair condition.  
The buyer is responsible for all costs related to dismantling and removal, contact GES for a budget dismantling cost from a NBG Approved Contractor.

**For further details, to make an offer or book an inspection, contact  
Global Equipment Solutions on Office: 08 9201 1142**

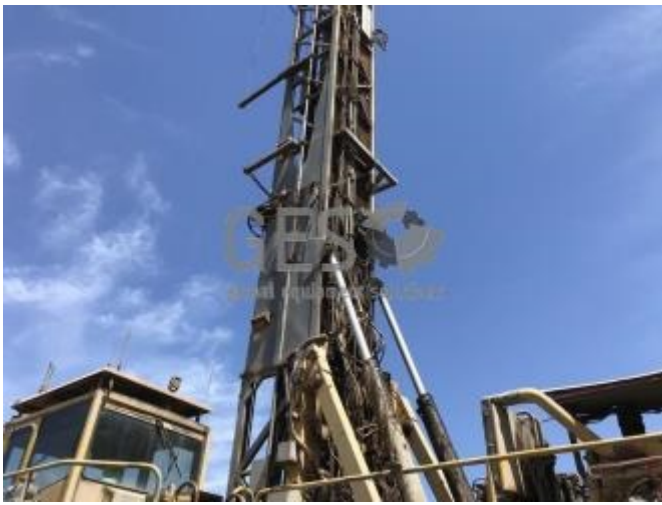




















# COMPONENT DR11 as at 2/4/2019

	HOURS	FORECAST LIFE	% LIFE USED
<b>Under Carridge</b>			
FINAL DRIVE GROUP RIGHT	48432	25000	194%
FINAL DRIVE GROUP LEFT	48432	25000	194%
TRACK ASSYS	28571	16000	179%
JACK CYLINDER FRONT CS	13135	15000	88%
JACK CYLINDER FRONT DCS	13135	15000	88%
JACK CYLINDER REAR CS	48432	15000	323%
JACK CYLINDER DCS	48432	15000	323%
<b>Tower Group</b>			
C/O ROTATION HEAD	9642	6000	161%
VARIABLE ROTATION MOTOR	4261	12000	36%
VARIABLE ROTATION MOTOR	9612	12000	80%
CYLINDER FEED	12408	12000	103%
CYLINDER FEED	12408	12000	103%
PULLDOWNCABLEASSY	8162	12000	68%
PULLDOWNCABLEASSY	8162	12000	68%
PULLBACKCABLEASSY	12408	12000	103%
PULLBACKCABLEASSY	12408	12000	103%
HYD CYLINDER ROD SUPPORT	23332	15000	156%
CYLINDER TOWER RAISE	16827	12000	140%
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PUMP WATER	4391	4000	110%
MOTOR WATER PUMP	7404	4000	185%
<b>Engine Group</b>			
	<b>Serial #</b>	37229394B	
ENGINE	3656	16000	23%
CORE RADIATOR	33267	10000	333%
CORE COC	22795	10000	228%
CORE HOC	25534	10000	255%
MAIN FAN MOTOR	9642	10000	96%
DRIVE SHAFT	5335	6000	89%
<b>Air Group</b>			
COMPRESSOR	16827	8000	210%
COMP LUBE PUMP	16827	8000	210%
COMPRESSOR COUPLING	6369	8000	80%
BUTTERFLY VALVE	16827	18000	93%
ACTUATOR	885	12000	7%
VALVE SAFETY	2933	6000	49%
CAC	6266	15000	42%
CAC FAN MOTOR	6266	10000	63%
<b>Hydraulic Group</b>			
MAIN PUMP	8117	6000	135%
MAIN PUMP	13333	6000	222%



# Pit Viper PV-271

The PV-271 is designed to handle 6-1/4" up to 8-5/8" drill rods. The cable feed system utilizes a dual rod/dual piston cylinder and offers high feed speeds for increased productivity. The PV-271 offers a 55 ft single-pass tower with a total depth capacity of 105 ft through a 2-rod carousel with 25 ft rods. It has an option to be delivered with the RCS Computerized rig control system and a new fully integrated cabin, incorporating functions like; remote tramming, auto levelling, auto drilling, and GPS navigation.

## Standard equipment

- Insulated, pressurized, air conditioned cab with tinted glass and suspension operator seat
- Caterpillar 345XL undercarriage with hydraulic track tensioners
- Hydraulic cylinders driven cable feed system
- Hydraulic motor driven rotary head with spline lubrication, maximum 8,700 lbf·ft torque; speed range 0 - 150 rpm
- Rotary head tachometer on operator console
- Remote hydraulic tower pinning
- Two-rod carousel for 6 1/4" to 8-5/8" drill rods
- "No-bump" rod changer
- Hydraulically powered breakout wrench (fork chuck)
- Hands Free auxiliary hydraulic chain wrench
- 8,000 lb (3,629 kg) capacity auxiliary hoist
- Hydraulically retractable dust curtains
- Cooling package
- Separate air intake filters for engine and air compressor
- Wide flange structural steel beam frame with oscillation yoke mounting
- Hydraulic Test Station
- 13-light night lighting package-70 watt halogen
- Full deck service catwalks and railings
- Two 48" (1.2 m) and one 60" (1.52 m) stroke leveling jacks



Technical data		
Drilling Method	Rotary or DTH – Single pass	
Hole Diameter	6 3/4 in - 10 5/8 in	171 mm - 270 mm
Hydraulic Pulldown	70,000 lbf	311 kN
Weight on bit	75,000 lb	34,000 kg
Hydraulic Pullback	35,000 lbf	156 kN
Single pass depth	55 ft*	16.8 m*
Maximum hole depth	105 ft	32 m
Feed speed	127 ft/min	0.6 m/s
Rotary head, torque	8,700 lbf·ft	11.8 kNm
Estimated weight	185,000 lb	84 tonnes

Dimensions tower up		
Length	41 ft 3 in	12.6 m
Height	87 ft	26.5 m
Width	18 ft 4 in	5.6 m

Dimensions tower down		
Length	83 ft 7 in	25.5 m
Height	22 ft 1 in	6.7 m

Compressor range		
Low pressure rotary	1,900 cfm@110 psi / 53.8 m <sup>3</sup> /min@7.6 bar	
Low pressure rotary	2,600 cfm@110 psi / 73.6 m <sup>3</sup> /min@7.6 bar	
High pressure, DTH	1,450 cfm@350 psi / 41.1 m <sup>3</sup> /min@24 bar	

Engine (Tier II)		
<b>Caterpillar</b>	C27	800HP / 597 kW@1800RPM (LP 1900)
<b>Cummins</b>	QSK19	755HP / 563 kW@1800RPM (LP 1900)
<b>Caterpillar</b>	C32	950HP / 708 kW@1800RPM (LP 2600)
<b>Caterpillar</b>	C27	800HP / 597 kW@2100RPM (HP 1450)
<b>Weg motor</b>	6808	700HP / 521 kW@ 50 or 60Hz
<b>Weg motor</b>	6811	900HP / 671 kW@ 50 or 60Hz

Drill pipe specification: 25 ft (7.6 m)		
Drill pipe diameter	Suggested bit diameters	Thread
6 1/4" (159 mm)	6 3/4" – 9"	4" BECO
7" (178 mm)	9" – 9 7/8"	4 1/2" BECO
7 5/8" (194 mm)	9 7/8" – 10 5/8"	5 1/4" BECO
8" (203 mm)	9 7/8" – 10 5/8"	5 1/4" BECO
8 5/8" (219 mm)	10 5/8"	6" BECO

High pressure DTH drilling
Up to 8" DTH hammer and max. 9 7/8" bit diameter
* There is also a 65 ft (19.8 m) clean hole tower option (see page 76 - 77)

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