

2007 Atlas Copco DML HP DR04



Make	Atlas Copco		Model	DML		
Year	2007	Hours	47560		As at	31/01/2017
Mileage				km	As at	
Serial/VIN	8649			Engine Serial	37252380A	
Details	<p>2007 Atlas Copco DML HP Rotary Blast Hole Drill rig asset # DR04. This rig has been maintained by Epiroc / Atlas Copco since new under a via a MARC and was parked up in January 2017 at 47,560 frame hours with major component hours data is included in the detailed GES Equipment Report. Maintenance notes on DR04: A. Missing offside feed cylinder bracket B. Missing compressor coupling. EARS not hooked up C. Seat U/S D. Missing jumpstart receptacle E. Tracks are worn and some track shoes missing F. ROS disconnected G. LEICA boxes in cab missing H. Fire suppression charge pressure low.</p>					

	<p>This rig is running and will tram and the mast is reported to be be worn. 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>	
Asking price	AUD	Under review - call for pricing
Ex site	Australia, Western Australia, Boddington	

Service history	<p>This rig was parked up in early 2017. Major component hours as per GES Equipment report. Maintenance notes on DR04: A. Missing offside feed cylinder bracket B. Missing compressor coupling. EARS not hooked up C. Seat U/S D. Missing jumpstart receptacle E. Tracks are worn and some track shoes missing F. ROS disconnected G. LEICA boxes in cab missing H. Fire suppression charge pressure low. This rig is running and will tram and the mast is reported to be be worn. The buyer is responsible for all costs related to dismantling and removal, contact GES for a budget dismantling cost from a NBG Approved Contrcator.</p>
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**For further details, to make an offer or book an inspection, contact
Global Equipment Solutions on Office: 08 9201 1142**









COMPONENT DR04 as at 31/01/2017

	HOURS	FORECAST LIFE	% LIFE USED	Last Invoiced price	LCC price	Residue Value
Under Carriage						
FINAL DRIVE GROUP RIGHT	47560	25000	190%			
FINAL DRIVE GROUP LEFT	47560	25000	190%			
TRACK ASSYS		20000	0%	\$ 51,522		\$ 51,522
JACK CYLINDER FRONT CS	24679	15000	165%	\$ 16,438		Core Value
JACK CYLINDER FRONT DCS	21801	15000	145%	\$ 16,438		Core Value
JACK CYLINDER REAR CS	47560	15000	317%	\$ 16,438		Core Value
JACK CYLINDER DCS	47560	15000	317%	\$ 16,438		Core Value
Tower Group						
CAROUSELL COMPLETE	26563	24000	111%	\$ 98,006		Core Value
CAROUSELL GEARBOX	8572	18000	48%	\$ 19,544		\$ 10,237
C/O ROTATION HEAD	9605	6000	160%	\$ 83,033		Core Value
VARIABLE ROTATION MOTOR	6051	6000	101%	\$ 11,283		Core Value
FIXED ROTATION MOTOR	7600	6000	127%	\$ 7,273		Core Value
CYLINDER FEED	6389	15000	43%	\$ 23,133		\$ 13,280
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PULL DOWN ROPES	9128	12000	76%	\$ 2,697		\$ 645
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PULL BACK CHAINS	3890	10000	39%	\$ 5,186		\$ 3,169
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SHAFT TIMING	6389	24000	27%		\$ 1,268	\$ -
HYD CYLINDER ROD SUPPORT	15833	10000	158%			Core Value
CYLINDER TOWER RAISE	8816	12000	73%		\$ 7,415	\$ -
CYLINDER TOWER RAISE	8816	12000	73%		\$ 7,415	\$ -
PUMP WATER	3427	4000	86%	\$ 4,395		\$ 630
Engine Group						
	Serial #	37252380A				
ENGINE	8693	18000	48%		\$ 140,420	\$ -
CORE RADIATOR	13483	10000	135%		\$ 10,664	Core Value
CORE COC	7360	10000	74%	\$ 12,811		\$ 3,382
CORE HOC	14615	10000	146%	\$ 10,959		Core Value
MAIN FAN MOTOR	15049	10000	150%	\$ 8,909		Core Value
DRIVE SHAFT	4355	15000	29%			
Air Group						
COMPRESSOR	15935	8000	199%		\$ 55,000	Core Value
COMP LUBE PUMP	15935	12000	133%		\$ 4,757	Core Value
COMPRESSOR COUPLING	15935	8000	199%		\$ 7,745	Core Value
BUTTERFLY VALVE	15935	12000	133%		\$ 1,763	Core Value
ACTUATOR	15935	12000	133%			
VALVE SAFETY	8324	6000	139%			
CAC	13935	15000	93%	\$ 14,296		\$ 1,015
CAC FAN MOTOR	4900	10000	49%	\$ 6,223		\$ 3,174
Hydraulic Group						
MAIN PUMP ROTATION	16468	12000	137%	\$ 17,979		Core Value
MAIN PUMP FEED	7526	12000	63%	\$ 18,077		\$ 6,740
TRIPPLE PUMP	6482	6000	108%	\$ 5,877		Core Value
PUMP DRIVE	10461	6000	174%	\$ 9,183		Core Value
6 SPOOL BANK	24873	24000	104%		\$ 14,921	Core Value
9 SPOOL BANK	47560	24000	198%		\$ 16,705	Core Value

Component Residue Value = **\$ 110,888**

1. DR04

A. Missing offside feed cylinder bracket

- B. Missing compressor coupling. EARS not hooked up
- C. Seat U/S
- D. Missing jumpstart receptacle
- E. Tracks are worn and some track shoes missing
- F. ROS disconnected
- G. LEICA boxes in cab missing
- H. Fire suppression charge pressure low.

DML

The Atlas Copco DML is a crawler mounted, hydraulic tophead drive, multi-pass rotary drilling rig specifically designed for production blasthole drilling to depths of 175 ft. (53.3 m) with a 30 ft. (9.1 m) drill pipe change. An optional 35-ft. (10.7 m) steel change is also available to handle single pass drilling requirements. Various carousel capacities are also available for the 35-ft. (10.7 m) option.

Standard equipment

- Insulated cab with FOPS
- Cab pressurizer / ventilator / heater
- Nine quartz halogen night lighting package
- Dust hood with curtains and hydraulically raising dust flap
- Auxiliary hoist for drill pipe and accessory handling
- Heavy-duty engine silencer/muffler
- Separate air intake filters with quick release dust drop covers for engine and air compressor
- Gear indexing carousel
- Sliding hydraulic fork wrench for drill pipe breakout
- Hydraulically powered auxiliary chain wrench
- 350-gallon (1,324 L) fuel tank
- 4SV-2-10 two motor high speed rotary head with spline lubrication, 0 to 160 RPM, and a maximum torque of 7,200 lbf-ft
- 30 foot drill pipe change
- No-bump rod changer
- Ether injection
- Jack-up indicator lights
- Three 48 in. (1,219 mm) stroke leveling jacks
- 33.5 in. (850 mm) wide triple bar grousers
- Reinforced rectangular steel track frame with oscillation yoke
- Walkways and railings
- Remote tower pinning
- Back-up alarm



Technical data		
Drilling Method	Rotary or DTH - Multi pass	
Hole Diameter	5 7/8 in - 10 5/8 in	149 mm - 270 mm
Hydraulic Pulldown	60,000 lbf	267 kN
Weight on bit	60,000 lb	27,200 kg
Hydraulic Pullback	22,000 lbf	98 kN
Single pass depth	27 ft 5 in or 32 ft 5 in	8.5 m or 10 m
Maximum hole depth*	175 ft or 205 ft	53.3 m or 62.5 m
Feed speed	146 ft/min	0.7 m/s
Rotary head, torque	7,200 lbf-ft	9.76 kNm
Estimated weight	87,000 - 110,000 lb	39.5 - 50 tonnes
Dimensions tower up (30 ft tower)		
Length	31 ft 10 in	9.7 m
Height	43 ft 8 in	13.3 m
Width	16 ft 6 in	5 m
Dimensions tower down (30 ft tower)		
Length	43 ft 7 in	13.3 m
Height	17 ft 8 in	5.4 m
Compressor range		
Low pressure rotary	1,200 cfm@110 psi / 34.0 m ³ /min@7.6 bar	
Low pressure rotary	1,600 cfm@110 psi / 45.0 m ³ /min@7.6 bar	
Low pressure rotary	1,900 cfm@110 psi / 53.8 m ³ /min@7.6 bar	
High pressure, DTH (electric motor)	1,050 cfm@350 psi / 29.8 m ³ /min@24 bar	
High pressure, DTH	1,250 cfm@350 psi / 35.4 m ³ /min@24 bar	
High pressure, DTH	1,450 cfm@350 psi / 41 m ³ /min@24 bar	
Engine (2Tier II, 3Tier III)		
Caterpillar	C15 ³	540HP / 403 kW@1800RPM (LP 1200)
Cummins	QSX15 ³	530HP / 395 kW@1800RPM (LP 1200)
Caterpillar	C18 ³	630HP / 470 kW@1800RPM (LP 1600)
Cummins	QSX15 ³	600HP / 447 kW@1800RPM (LP 1600)
Caterpillar	C27 ²	800HP / 597 kW@1800RPM (LP 1900)
Cummins	QSK19 ²	755HP / 563 kW@1800RPM (LP 1900)
Caterpillar	C27 ²	800HP / 597 kW@1800RPM (HP 1250)
Cummins	QSK19C ²	755HP / 563 kW@1800RPM (HP 1250)
Caterpillar	C27 ²	800HP / 597 kW@2100RPM (HP 1450)
Weg motor	6808	700HP / 522 kW@50 - 60Hz (LP 1200 or HP1050)
Drill pipe specification 30 ft (9.1 m) or 35 ft (10.7 m)		
Drill pipe diameter	Suggested bit diameters	Thread
4 1/2" (114 mm)	5 7/8" - 6 3/4"	3 1/2" API
5" (127 mm)	6 3/4" - 7 3/8"	3 1/2" API or BECO
5 1/2" (140 mm)	6 3/4" - 7 7/8"	3 1/2" BECO
6 1/4" (159 mm)	7 7/8" - 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
High pressure DTH drilling		
Up to 8" DTH hammer and max. 8 7/8" bit diameter		
* Maximum hole depth only achieved with certain pipe sizes and wall thicknesses		
Visit www.atlascopco.com/blastholedrills for more information		