

# A1000R

**RELIABLE  
POWERFUL  
ROBUST**



**apollo**<sup>TM</sup>



# PRODUCT SPECIFICATIONS

## APOLLO A1000R

DIMENSIONS AND WEIGHT		PERFORMANCE	
<b>LENGTH</b>	8.600 mm	<b>THRUST/PULLBACK</b>	50.400 kg
<b>WIDTH</b>	2.650 mm	<b>MAX TORQUE</b>	19.798 Nm
<b>HEIGHT</b>	2.600 mm	<b>MAX SPINDLE SPEED</b>	114 tpm
<b>WEIGHT (WITHOUT DRILL PIPES)</b>	19.230 kg		
<b>WEIGHT (WITH DRILL PIPES)</b>	20.406 kg		
ENGINE		FEATURES	
<b>MAKE &amp; MODEL</b>	CAT® C7.1	<b>ELECTRICAL SYSTEM</b>	24Vdc
<b>FUEL</b>	Diesel	<b>LIGHTS</b>	Yes
<b>MAX ENGINE RPM</b>	2.200 tpm	<b>CABIN</b>	Yes
<b>NUMBER OF CYLINDERS</b>	6	<b>AIR CONDITIONING</b>	Yes
<b>HORSEPOWER</b>	225 hp (168 kW)	<b>HYDRAULIC ANCHORING SYSTEM</b>	-
<b>MAX TORQUE</b>	900 Nm @ 1.400 tpm	<b>RACK AND PINION</b>	Yes, Double
<b>COOLING</b>	Liquid	<b>RADIO CONTROLLED UNDERCARRIAGE</b>	Yes
<b>EMISSION VALUE</b>	EPA Tier IV Final (Euro Stage 5)	<b>ROD LOADING SYSTEM</b>	Rack and Pinion type
DRILL PIPES		HYDRAULIC SYSTEM	
<b>LENGTH</b>	4.572 mm (4,5 mtr)	<b>AUXILIARY PUMP RELIEF PRESSURE</b>	205 bar
<b>OD TOOLJOINT</b>	103 mm	<b>PUSH/PULL PUMP RELIEF PRESSURE</b>	413 bar
<b>PIPE DIAMETER</b>	89 mm	<b>ROTARY PUMP RELIEF PRESSURE</b>	413 bar
<b>WEIGHT (PER PIPE)</b>	98 kg		
<b>ROD BOX CAPACITY</b>	12 pieces		
<b>MINIMAL BEND RADIUS</b>	-		
BENTONITEPUMP		TANK CAPACITY	
<b>CAPACITY</b>	760 ltr/min	<b>ENGINE OIL</b>	20 ltr
<b>PRESSURE</b>	70 bar	<b>DIESEL</b>	242 ltr
		<b>HYDRAULIC OIL</b>	390 ltr
SAFETY FEATURES			
<b>STRIKE-ALERT</b>	Yes	<b>REMOTE LOCK OUT</b>	Yes
<b>ANTI-FREEZE SYSTEM</b>	Yes		

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