



# AARDRUNNER UV80



## FEATURES

### SAFE WORKING ENVIRONMENT

- ISO ROPS/FOPS certified
- Spring applied, hydraulic release (SAHR) brakes
- Optional monitor (cameras) to increase operator's visibility during operation
- Door interlock

### ENVIRONMENTAL

- Fuel efficient, clean burning Tier 2/Stage II engine
- Purifier with catalytic converter

### SERVICEABILITY

- All daily check points easily reachable
- Quick and easy service to increase productivity

- Air, hydraulic and transmission filter change indicators
- Easy access to service points, filters and valve blocks

### OPERATOR'S COMFORT

- Comfortable T-back seat
- Stick steering and ergonomically placed
- Single seat or dual seat compartment optional

### RELIABILITY

- Proven powertrain Clark powershift transmission
- Mechanical gear control in cab
- Machine status indication lights

## SPECIFICATIONS

■ Vehicle height	2 200mm
■ Vehicle length	6 350mm
■ Vehicle width	1 800mm
■ Ground clearance	300mm
■ Inner turning radius	3 550mm
■ Outer turning radius	5 500mm
■ Enclosed and tropical cabins	4 737mm
■ Cassette carrier	3 300mm
■ Vehicle weight empty	7 100kg
■ Max. carrying capacity	8 000kg

## ENGINE

■ Type	F6L914
■ Power rating	79kW at 2 300rpm
■ Torque	400Nm at 1 550rpm
■ Fuel consumption	220g/kWh
■ Engine protection	As per customer requirements
■ Air cleaner	Two stage
■ Catalytic converter	
■ Diluter	

## TRANSMISSION/TORQUE CONVERTER

■ Three speed forward and reverse	
■ Dana	T20 000 series

## AXLES

■ Dana	112
■ Rigid planetary axles	

## BRAKES

■ Failsafe brake on all four wheels	
■ Service/parking/emergency type – SAHR	

## TYRES

■ Tyre size	35 x 15 - 15
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- Designed for underground mine services
- Pneumatic or foam-filled

## ELECTRICAL SYSTEM

- 24V system
- Alternator 28V/55A
- Isolation switch lockout

## HYDRAULIC SYSTEM

■ System pressure	17.5MPa
■ Pump type	Gear
■ Flow rate	36 litres/min at 2 300rpm
■ Hydraulic tank capacity	170 litres
■ Hydraulic level switch detection	

## FUEL SYSTEM

■ Fuel tank capacity	85 litres
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## SAFETY

- Fire extinguisher
- Reverse hooter
- Door interlock
- Marker lamps red/green
- Wheel stop blocks

## OPTIONAL EQUIPMENT

- Manually/automatically actuated fire suppression engine shut down
- Central lubrication management system
- Automatic lubrication system
- Halogen, LED or sealed beam lights
- Electrical gear control inside cab

## DOCUMENTS

- Parts manual
- Technical manual
- Risk assessment

## CASSETTES FOR USE WITH THE AARDRUNNER UV80 CASSETTE CARRIER

### ENCLOSED CABIN OR TROPICAL

All cassettes are especially designed for use with the UV80 cassette carrier, UV80 enclosed cabin (with aircon) and UV80 tropical cab; and are fitted with separate controls with safety locks.



#### 1. SCISSOR LIFT CASSETTE

- Length 3 090mm
- Width 1 900mm
- Height 650mm
- Lifting height 3.5m

#### 2. MAINTENANCE CASSETTE

- Length 4 124mm
- Width 1 760mm
- Height 1 908mm
- Tanks as per customer specifications

#### 3. WATER CARRIER CASSETTE

- Length 4 120mm
- Width 1 860mm
- Capacity up to 5 000 litres

#### 4. DIESEL AND OIL CASSETTE

- Length 3 550mm
- Width 2 172mm
- Height 2 130mm
- Capacity – Diesel 2 000 litres
- Oil 500 litres
- Hydraulic oil 500 litres

# CASSETTES FOR USE WITH THE AARDRUNNER UV80 CASSETTE CARRIER (continued)



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## 5. AGICAR CASSETTE

- Length 3 090mm
- Width 2 025mm
- Height 2 342mm
- Capacity – Diesel 3 – 4m<sup>3</sup>

## 6. CHARGING CASSETTE

- Length 4 000mm
- Width 1 943mm
- Height 2 817mm
- Options Emulsion or ANFO

## 7. DUST SUPPRESSION CASSETTE

- Length 3 440mm
- Width 2 178mm
- Height 2136mm
- Capacity 2 200 litres

## 8. SEWERAGE CASSETTE

- Length 3 440mm
- Width 2 178mm
- Height 2136mm
- Capacity 2 200 litres

AARD Mining Equipment is constantly striving to improve its products and therefore reserves the right to change the designs, materials, specifications and price without prior notice.

### PRODUCTS & EQUIPMENT

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