



AARDRUNNER UV42



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 ergonomically placed
- Single seat or dual seat compartment optional

RELIABILITY

- Proven hydrostatic powertrain
- Electric direction control in cab
- Machine status indication lights

SPECIFICATIONS

- Vehicle height 1 460mm
- Vehicle length 6 800mm
- Vehicle width 1 800mm/2 300mm
- Ground clearance 280mm
- Inner turning radius 3 550mm
- Outer turning radius 5 500mm
- Centre articulation 40°
- Rear oscillation 10°
- Max. carrying capacity 4 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

DRIVE TRAIN

- Hydrostatic transmission
- 125cc/rev piston pump with anti-stall automotive control
- Wheel motors

BRAKES

- Failsafe brake on all four wheels
- Park/emergency type SAHR
- Optional: Hydraulically activated service brakes

TYRES

- Tyre size 35 x 15 – 15

- 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 2 x 36 litres/min at 2 300rpm
- Hydraulic tank capacity 150 litres
- Hydraulic level switch detection

FUEL SYSTEM

- Fuel tank capacity 150 litres

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 UV42 MPV

All cassettes are especially designed for use with the low profile AARDRUNNER UV42 MPV and are fitted with separate controls with safety locks.



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1. CRANE CASSETTE

- Length 3 075mm
- Width 1 506mm
- Height 1 468mm
- Weight 1 800kg
- Carrying capacity 2 200kg

2. DIESEL AND OIL CASSETTE

- Length 3 369mm
- Width 1 696mm
- Height 1 200mm
- Capacity – Diesel 1 320 litres
- Oil 880 litres

3. MAINTENANCE CASSETTE

- Length 3 075mm
- Width 1 506mm
- Height 1 255mm

4. PERSONNEL CASSETTE

- Length 3 960mm
- Width 1 506mm
- Height 1 675mm
- Carrying capacity 15 personnel

5. GENERAL PURPOSE CASSETTE

- Length 3 075mm
- Width 1 506mm
- Weight 435kg

CASSETTES FOR USE WITH THE AARDRUNNER UV42 MPV (continued)



6. CHARGING UNIT

- Length 3 075mm
- Width 1 506mm
- Height 1 315mm
- Options Emulsion or ANFO

7. AMBULANCE CASSETTE

- Length inside 3 125mm
- Width inside 1 224mm
- Height inside 1490mm
- Medical equipment included

8. DUST SUPPRESSION CASSETTE

- Length 3 448mm
- Width 1 658mm

- Height 1 320mm
- Capacity 2 200 litres

9. SCISSOR LIFT CASSETTE

- Length long inside 3 000mm
- Width 1 388mm
- Lifting height 3 000mm
- Carrying capacity 3 000kg

10. TOILET CASSETTE

- Length 3 200mm
- Width 1 506mm
- Height 2 070mm
- Two male and female cubicles

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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