



AARD SHUTTLE 38



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 fume diluter

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
- Steering wheel 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 399mm
- Vehicle length 9 948mm
- Front chassis 1 800mm
- Vehicle width 2 752mm
- Rear chassis 2 752mm
- Ground clearance 316mm
- Inner turning radius 5 377mm
- Outer turning radius 8 477mm
- Gross vehicle weight empty 16 000kg
- Max. carrying capacity 3 400kg
- Max. passengers 38

ENGINE

- Type BF6L914
- Power rating 92kW at 2 300rpm
- Torque 430Nm at 1 500rpm
- 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 with integral converter
- Dana T20 000 series

AXLES

- Dana 112
- Rigid planetary axles

BRAKES

- Failsafe brake on all four wheels
- Fully enclosed, force cooled, multiple wet discs each wheel end
- Service/parking/emergency type – SAHR

TYRES

- Tyre size 35 x 15 – 15
- Designed for underground mine service

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

SAFETY

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

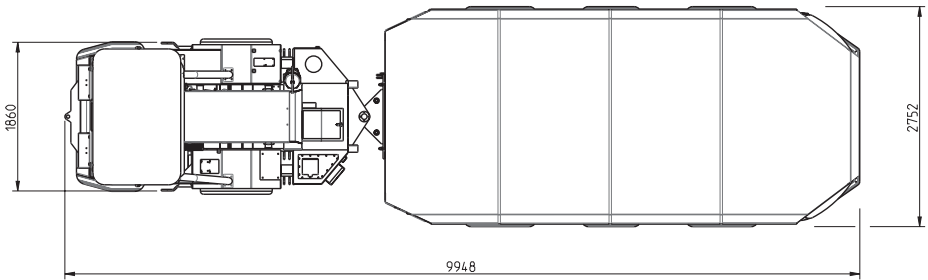
OPTIONAL EQUIPMENT

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

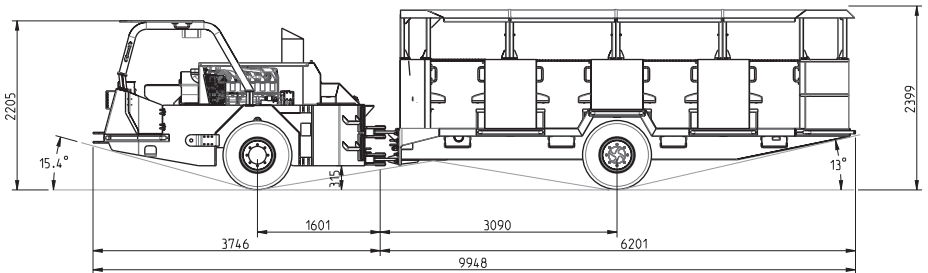
DOCUMENTS

- Parts manual
- Technical manual
- Risk assessment

TOP VIEW



SIDE VIEW



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

44 Jacobs St., Chamdor, 1739

PO Box 3992, Witbeek 1729, South Africa

E-mail: info@aardme.co.za

Website: www.aardme.com

