



AARD UV120



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
- Steering wheel ergonomically placed
- Dual seat compartment

RELIABILITY

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

SPECIFICATIONS

- Vehicle height 2 550mm
- Vehicle length 11 100mm
- Vehicle width 2 370mm
- Ground clearance 320mm
- Inner turning radius 6 003mm
- Outer turning radius 9 280mm
- Vehicle weight empty 15 965kg
- Max. carrying capacity 12 000kg

ENGINE

- Type BF6L914C
- Power rating 115kW at 2 300rpm
- Torque 600Nm at 1 606rpm
- 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 T32 000 series

AXLES

- Dana 113
- Rigid planetary axles

BRAKES

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

TYRES

- Tyre size 1 200-24
- 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

SAFETY

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

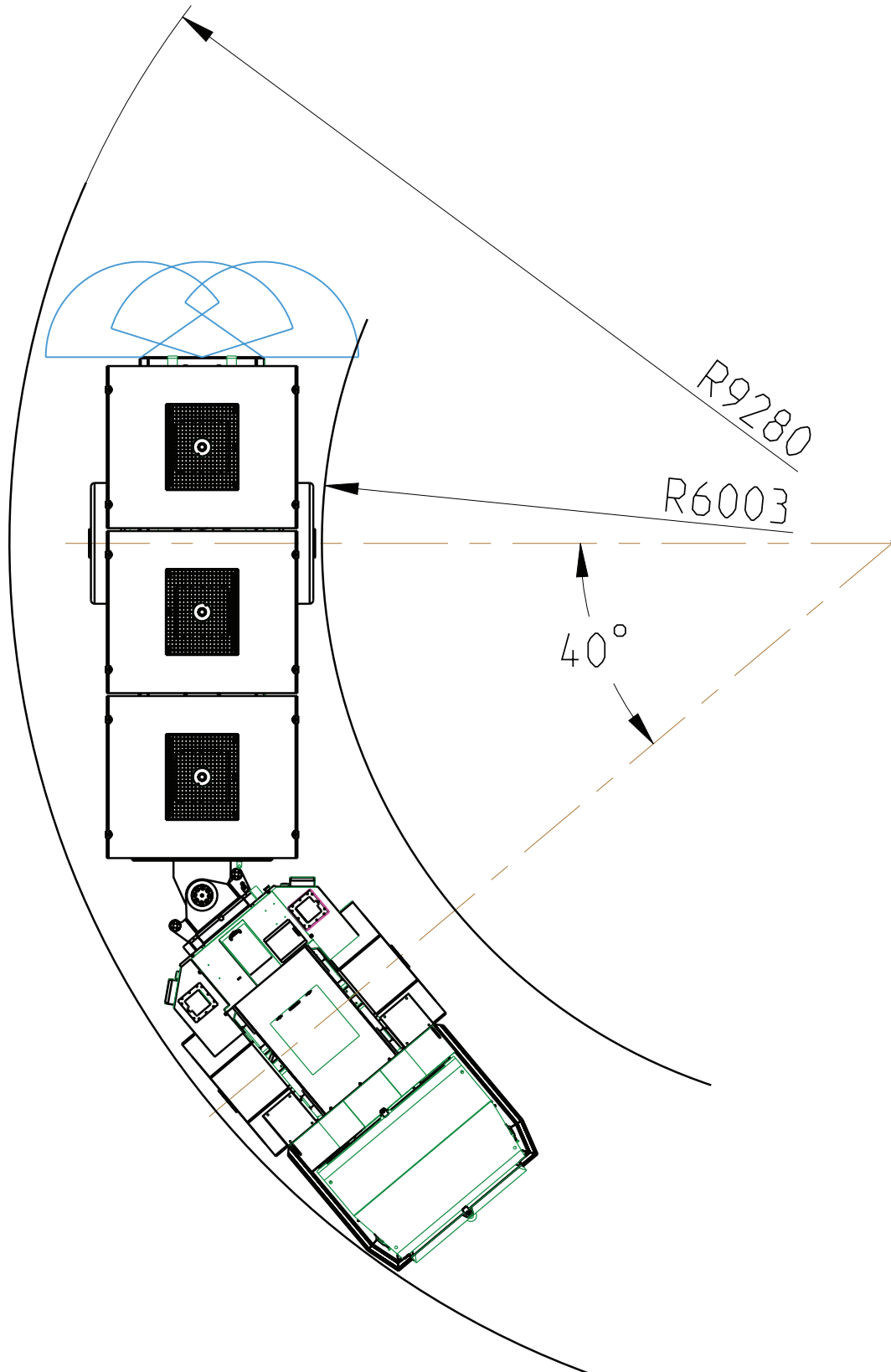
OPTIONAL EQUIPMENT

- 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

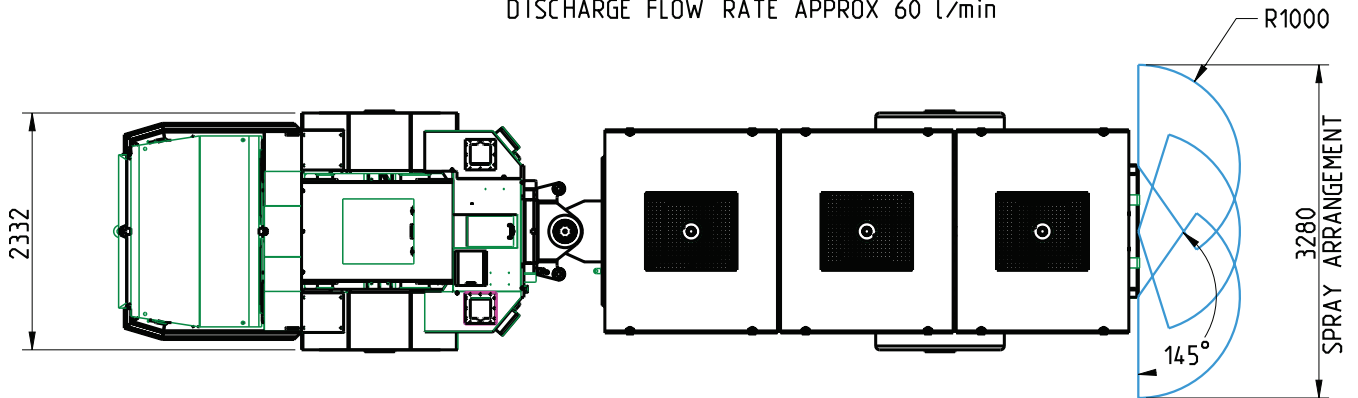
- Parts manual
- Technical manual
- Risk assessment

TURNING RADIUS



TOP VIEW

SPRAY ARRANGEMENT:
3x NOZZLES WITH SPRAY ANGLE OF 145 DEG
DISCHARGE FLOW RATE APPROX 60 l/min

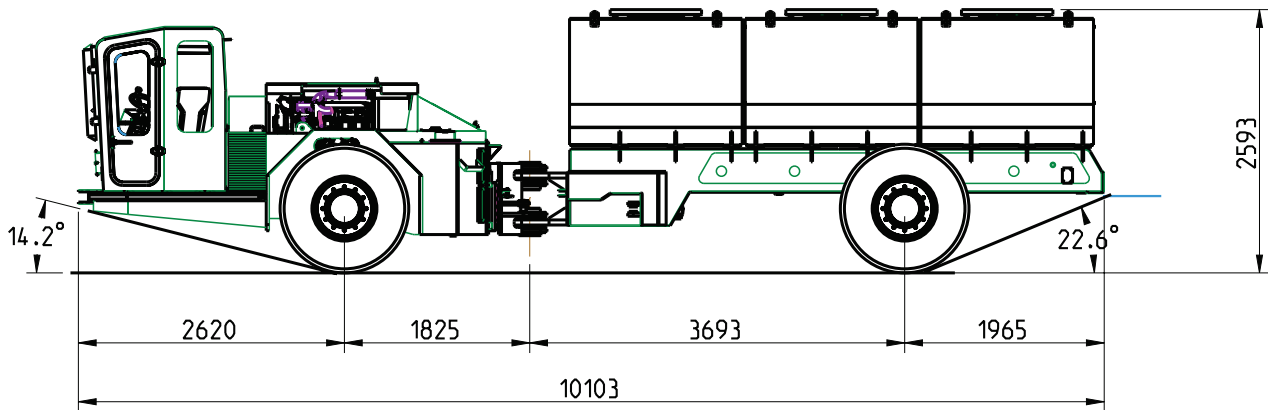


SIDE VIEW

12 000L WATER TANKS
ARRANGEMENT
3X 4000L TANKS

BALL VALVES TO BE INSTALLED
TO ISOLATE INDIVIDUAL TANKS
IF REQUIRED

ENCLOSED CAB C/W AIRCON SYSTEM



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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