



# AARD 5.5 LP LHD



## 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
- Stick steering and dump, hoist controls, ergonomically placed
- Optional joystick controls (hydraulic pilot operated valve)

### RELIABILITY

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

## SPECIFICATIONS

- Vehicle height 1 570mm
- Vehicle length 7 398mm
- Vehicle width 2 354mm
- Ground clearance 331mm
- Inner turning radius 3 002mm
- Outer turning radius 5 537mm
- Centre articulation 40°
- Rear oscillation 10°

## 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 modulation and remote converter
- Dana T20 000 series

## AXLES

- Kessler axle D81 heavy duty

## BRAKES

- Failsafe brake on all four wheels
- Type SAHR

## TYRES

- Tyre size 17.5 x 25 - 20
- Designed for underground mine services
- Pneumatic or foam-filled

## ELECTRICAL SYSTEM

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

## HYDRAULIC SYSTEM

- System pressure 28MPa
- Piston pump
- Flow rate 138 litres/min at 2 300rpm
- Hydraulic tank capacity 170 litres
- Hydraulic level switch detection

## FUEL SYSTEM

- Fuel tank capacity 180 litres

### **CAPACITIES**

- Weight 16 000kg
- Trimming capacity 5 500kg
- Tipping load 254kN
- Break out force 162kN
- Bucket max. load 5 500kg

### **SAFETY**

- Boom locking pins
- Fire extinguisher
- Reverse hooter
- Door interlock
- Marker lamps red/green

- Wheel stop blocks

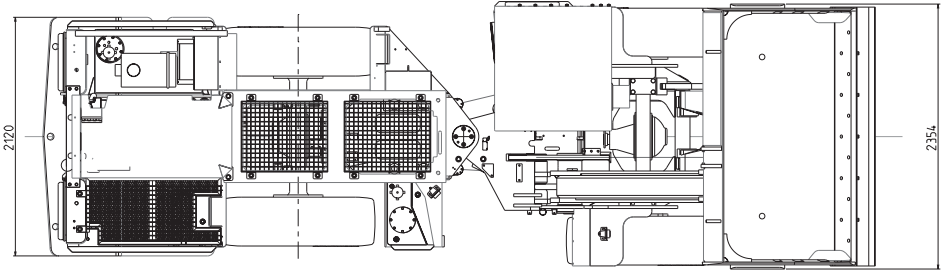
### **OPTIONAL EQUIPMENT**

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

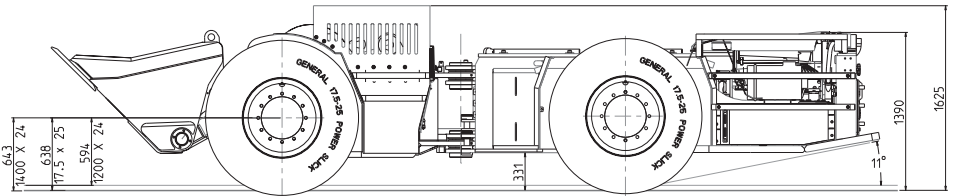
### **DOCUMENTS**

- Parts manual
- Technical manual
- Risk assessment

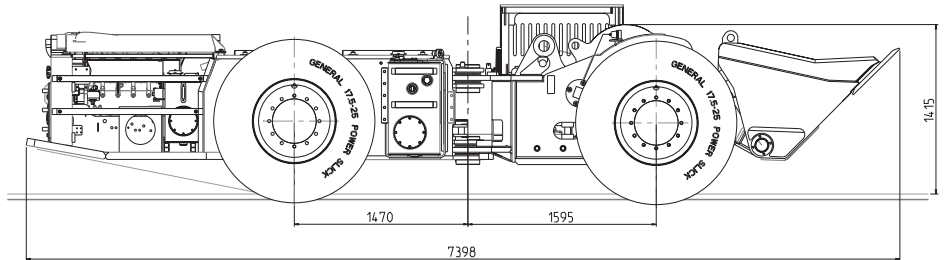
## TOP VIEW



## SIDE 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

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