



AARD HANG UP RIG

WITH EMULSION CHARGING UNIT



FEATURES

SAFE WORKING ENVIRONMENT

- ISO ROPS/FOPS certified
- 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

SERVICABILITY

- All daily check points easily reachable
- Quick and easy service to increase productivity
- Option of self lubrication systems

- 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 and hydraulic controls ergonomically placed

RELIABILITY

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

SPECIFICATIONS

■ Vehicle height	2 099mm
■ Vehicle length	13 191mm
■ Vehicle width	2 395mm
■ Ground clearance	372mm
■ Inner turning radius	4 955mm
■ Outer turning radius	7 911mm
■ Centre articulation	40°
■ Rear oscillation	10°
■ Gross vehicle weight	18 000kg

ENGINE

■ Type	BF6L914
■ Power rating	92kW at 2 300rpm
■ Torque	460Nm at 1 500rpm
■ Fuel consumption	220g/kWh
■ Engine protection	As per customer requirements
■ Air cleaner	Two stage
■ Catalytic converter	
■ Diluter	

TRANSMISSION/TORQUE CONVERTER

■ 3 speed forward and reverse with modulation	
■ Dana	T20 000 with remote converter

AXLES

■ Hurth	113 heavy duty
■ Rigid planetary axles	

BRAKES

■ Failsafe brake on all four wheels	
■ Park/emergency type	SAHR

TYRES

■ Tyre size	12.00 x 24
■ Designed for underground mine services	
■ Pnuematic or foam-filled	

ELECTRICAL SYSTEM

■ Carrier electrical system	
■ Voltage	24V
■ Alternator max. current	55A
■ Isolation switch lockout	

HYDRAULIC SYSTEM

■ Carrier hydraulic system	
■ Drive	Direct from engine
■ Pump type	Gear pump
■ Max. system pressure	17,5MPa
■ System type	Open loop
■ Main hydraulic system	
■ Drive	Direct from Transmission
■ Pump type	Tripple stage fixed displacement pump
■ Max. system pressure	23MPa
■ Max. flow rate	78/78/25 litres/min
■ System type	Open and closed loop
■ Hydraulic level switch detection	

FUEL SYSTEM

- Fuel tank capacity 85 litres

DRILLING SYSTEM

- Boom 1 x A40 LW
- Boom extension 1 500mm
- Feed 1 x MKIV steel feed
- Feed drive Chain
- Drifter HD65/HD70

AIR SYSTEM

- Drive Hydraulic
- Power 10kW
- Max. pressure 10 bar
- Lubrication Oil drip feed

SAFETY

- ISO ROPS/FOPS certified
- Fire extinguisher
- Reverse hooter

- Door interlock
- Marker lamps red/green
- Wheel stop blocks

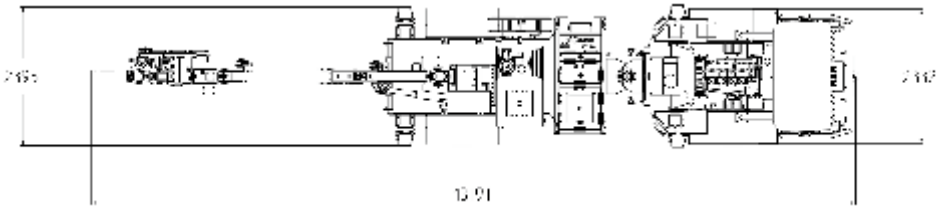
OPTIONAL EQUIPMENT

- 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
- Remote controlled tramming and drilling
- Emulsion charging

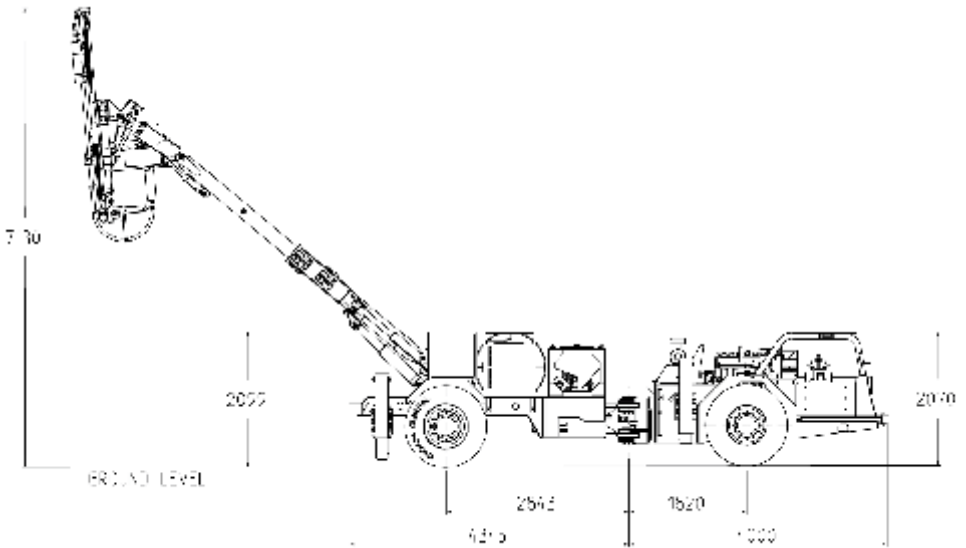
DOCUMENTS

- 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.