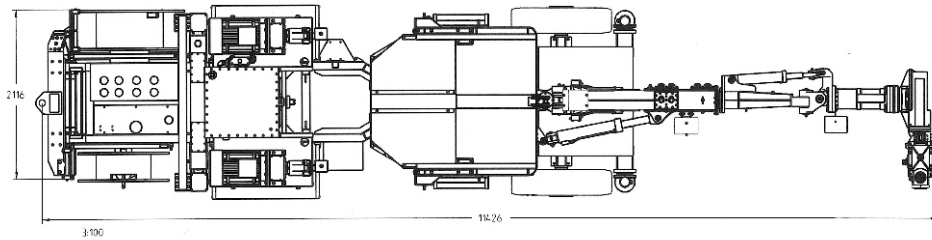
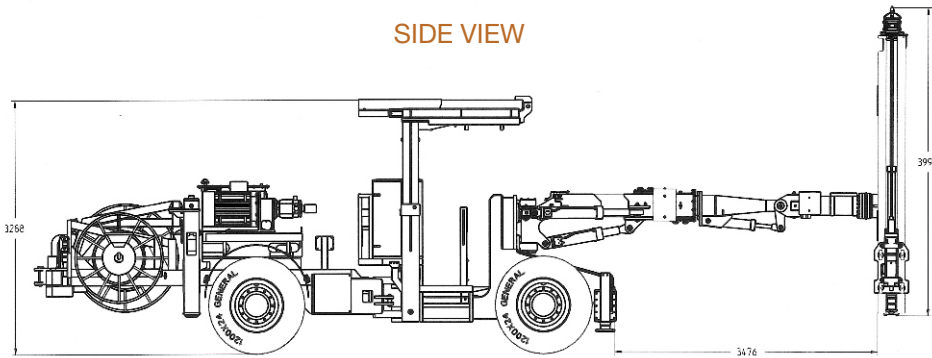


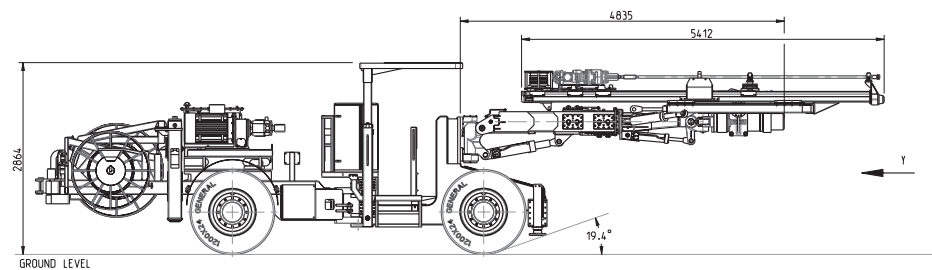
TOP VIEW



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.

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# LONG HOLE DRILL RIG



## FEATURES

### SAFE WORKING ENVIRONMENT

- ISO ROPS/FOPS certified
- Optional monitor (cameras) to increase operator's visibility during operation

### 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
- 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	3 316mm
■ Vehicle length	13 500mm
■ Vehicle width	2 412mm
■ Ground clearance	413mm
■ Inner turning radius	3 389mm
■ Outer turning radius	6 807mm
■ Centre articulation	40°
■ Rear oscillation	12°
■ Gross vehicle weight empty	23 000kg

## ENGINE

■ Type	F6L914
■ Power rating	79kW at 2 300rpm
■ Torque	400Nm 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	
■ Dana	T20 000 with integral converter

## axleS

■ Dana	113
■ Rigid planetary axles	

## BRAKES

■ Failsafe brake on all four wheels	
■ Park/emergency type	SAHR
■ Hydraulically applied service brakes	

## 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	
■ Main electrical system	
■ Max. power	1 x 75kW
■ Supply voltage	550V or 1 000V
■ Thermal current overload protection	

## 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	1 x 75kW, four pole electric motor
■ Pump type	Fixed or variable displacement piston pump

■ Max. system pressure	23MPa
■ Max. flow rate	1 x 220 litres/min
■ System type	Open and closed loop
■ Hydraulic level switch detection	

## FUEL SYSTEM

■ Fuel tank capacity	85 litres
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## DRILLING SYSTEM

■ Boom	2 x A40
■ Boom extension	1 000mm
■ Feed	1 x steel feed
■ Feed drive	Hydraulic cylinder
■ Drifter	1 x HD155

## AIR SYSTEM

■ Drive	Hydraulic or electrical
■ Power	3kW
■ 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	

## DOCUMENTS

■ Parts manual	
■ Technical manual	
■ Risk assessment	

## COVERAGE

