



AARDMASTER LP



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

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 and hydraulic controls ergonomically placed

RELIABILITY

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

SPECIFICATIONS

■ Vehicle height	1 630mm
■ Vehicle length	13 134mm
■ Vehicle width	2 355mm
■ Ground clearance	300mm
■ Inner turning radius	4 073mm
■ Outer turning radius	6 724mm
■ Centre articulation	40°
■ Rear oscillation	10°
■ Gross vehicle weight empty	21 000kg

ENGINE

■ Type	F6L914
■ 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

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

AXLES

■ Kessler	D71 heavy duty
■ Rigid planetary axles	

BRAKES

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

TYRES

■ Tyre size	12.00 x 20
■ Designed for underground mine services	
■ Pnuematic or foam-filled	

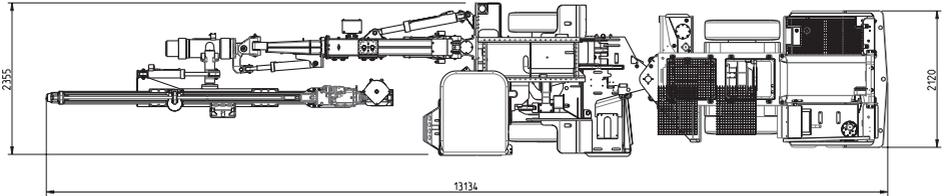
ELECTRICAL SYSTEM

■ Carrier electrical system	
■ Voltage	24V
■ Alternator max. current	55A
■ Isolation switch lockout	
■ Main electrical system	
■ Max. power	55kW
■ Supply voltage	550V or 1 000V
■ Thermal current overload protection	

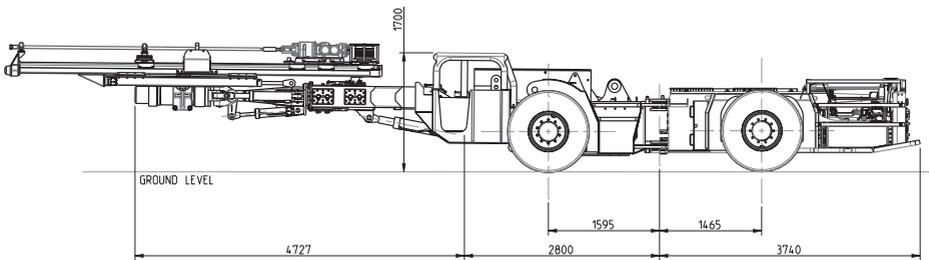
HYDRAULIC SYSTEM

■ Carrier hydraulic system	
■ Drive	Direct from engine
■ Pump type	Gear pump
■ Max. system pressure	17,5MPa
■ System type	Open loop
■ Main hydraulic system	
■ Drive	55kW, 4 pole electric motor
■ Pump type	Fixed or variable displacement piston pump
■ Max. system pressure	23MPa

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

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