



## **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	
■ Туре	F6L914
Power rating	92kW at 2 300rpm
Torque	430Nm at 1 500rpm
Fuel consumption	
	220g/kWh
<ul><li>Engine protection</li></ul>	220g/kWh As per customer
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	As per customer

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## 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
- Designed for underground mine services

12.00 x 20

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**

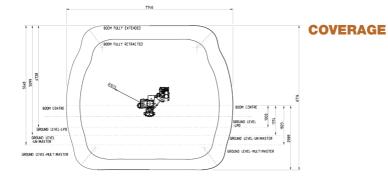
 Carrier hydraulic system Drive Direct from engine Pump type Gear pump Max. system pressure 17,5MPa System type Open loop Main hydraulic system Drive 55kW, 4 pole electric motor Fixed or variable Pump type displacement piston pump

23MPa

Max. system pressure

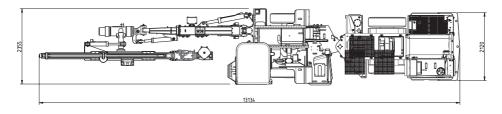


Max. flow rate	165 litres/min	SAFETY
System type	Open and closed	ISO ROPS/FOPS certified
	loop	Fire extinguisher
<ul> <li>Hydraulic level switch detection</li> </ul>		Reverse hooter
FUEL SYSTEM		Door interlock
Fuel tank capacity	85 litres	Marker lamps red/green
BOLTING SYSTEM		Wheel stop blocks
<ul> <li>Boom</li> </ul>	1 x A40	OPTIONAL EQUIPMENT
Boom extension	1 000mm	Manually/automatically actuated fire
Feed	1 x F4 000 steel feed	suppression engine shut down
Feed drive	Hydraulic cylinder	<ul> <li>Central lubrication management system</li> </ul>
Drifter	HD150/HD155	Automatic lubrication system
AIR SYSTEM		Halogen, LED or sealed beam lights
	l hudueu lie eu	Electrical gear control inside cab
<ul> <li>Drive electrical</li> </ul>	Hydraulic or	DOCUMENTS
Power	7.5kW	Parts manual
Max. pressure	10 bar	Technical manual
Lubrication	Oil drip feed	Risk assessment

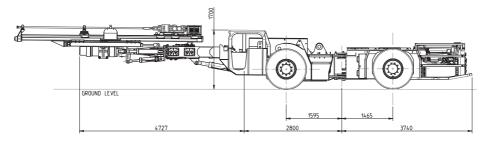


-BDS40 MKIII BOOM WITH SIDE MTD SLIDE SUPPORT: -(PARALLEL DRILLING)

## **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.



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