



# AARD Boomer S10 L

The AARD Boomer S10 L is the ultimate underground face drill rig for low-profile mining operations, combining exceptional manoeuvrability with the trusted drilling performance of Epiroc COP rock drills. This powerful machine features a robust carrier, SAHR brakes, a FOPS-certified canopy, and collision avoidance for enhanced safety in tough environments. Its simple and reliable systems reduce maintenance workload, ensuring dependable performance. Elevate your mining operations with the AARD Boomer S10 L, where power, safety, and reliability come together seamlessly.

## + Features

- ✦ High performance drilling system
- ✦ Excellent drilling consumables economy through the use of damper technology
- ✦ High-power drive train
- ✦ Certified safety features
- ✦ Low profile height
- ✦ Easy to maintain systems



## Drilling system

COP 1838HD+	●
COP MD20	○
Hole blowing kit	●
Rock drill lubrication warning kit	●

## Boom

Boom: A50	●
Over-ride for boom parallel holding system	●
BMH 2831, drill steel length 3 090 mm	○
BMH 2837, drill steel length 3 700 mm	●
BMH 2840, drill steel length 4 000 mm	○
Mining (heavy-duty) centralizers	●
Bulk head style hose tree on feeds	●

## Air/water system

Electric water booster pump	●
Compressor	●

## Hydraulic system

Oil temperature meter	●
Manual oil filling pump	●
Electric oil filling pump	○
Water/oil level cooler	●
Filtration: 10 µm	●
Mineral hydraulic oil	●

## Control system

AARD Control System	●
Collision Avoidance System (CAS)	●
Danger zone protection system	○
Feed Angle Measurement (FAM3) with hole depth	○

## Electrical

Main hydraulic system motor: 55kW	●
Voltage: 550V	●
Voltage: 1000V	○
Frequency: 50 Hz	●
Emergency cut-out buttons in three positions	●
Overload protection for electric motors	●
Motor phase sequence protection	●
Stainless steel electrical panel	●
Percussion hour meter	●
Voltmeter and ammeter in electric panel	●
Cable reel	●
Electric cable: Texoprene	●

## Carrier

Engine (Make/Model)	Deutz BF4M2012C	
Power at sea level	90kW @ 2 500 rpm	
Catalytic exhaust gas purifier & silencer	●	
Fume diluter	●	
Diesel Particulate Filter (DPF)	○	
Articulated steering ± 40° steering angle	●	
Two double acting hydraulic steering cylinders	●	
Center Oscillation ± 10°	●	
Front and rear hydraulic jack cylinders	●	
Hydraulic four-wheel drive	●	
Wetted fully enclosed immersed brake disks	●	
Spring Applied Hydraulic Released (SAHR) fail safe brakes - Park/Emergency	●	
Foot pedal activated hydraulic service brake	●	
Electric system: 24V	●	
Battery: 2 x 102 Ah	●	
Onboard battery charger	●	
Power Distribution Models (PDM)	●	
Horn, beacon and reverse alarm	●	
Tramming lights: 2 x LED 27W	●	
Working lights: 2 x 150W LED 24V DC	●	
Red and green flashing lights	●	
Wheels	●	
Polyurethane foam filled tires	○	
2 x 9 kg handheld fire extinguishers	●	
ANSUL Manual dry fire suppression system	●	
ANSUL FIIRECHECK automatic dry fire suppression system	○	
Swivel T-back operator's seat	●	
Central manual lubrication kit	●	
Central automatic lubrication kit	○	
Spirit level	○	

## Canopy

Height adjustable FOPS canopy	●
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## Weight

Total	15 600 kg
Boom side	10 296 kg
Engine side	5 304 kg

# Technical specifications – AARD Boomer S10 L

● = Standard  
○ = Option

## Recommended cable size and length

Voltage	Type	Dimension, mm <sup>2</sup>	Diameter	Length
500-640 V	Texoprene	3x35+2x6+1x16	38 mm	85 m
1 000 V	Texoprene	3x16+2x4+1x10	35 mm	100 m

## Technical documentation

Technical manual, 1 (one) hardcopy	●
Spare parts manual, 1 (one) hardcopy	●
PDF manuals on USB flash drive ( Two per machine)	●

## Painting and marking

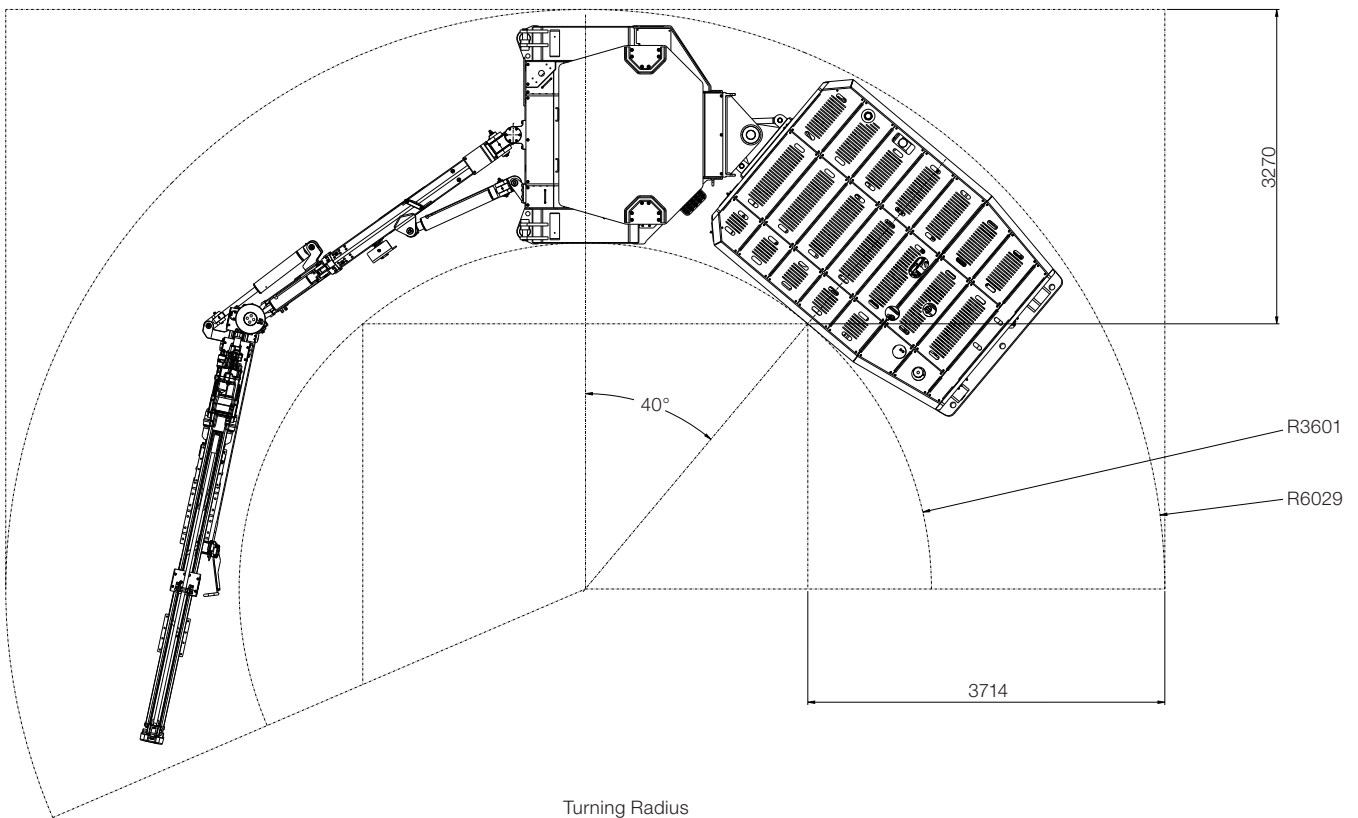
Standard painting and taping	●
Painting and taping according to customer specifications	○

## Dimensions

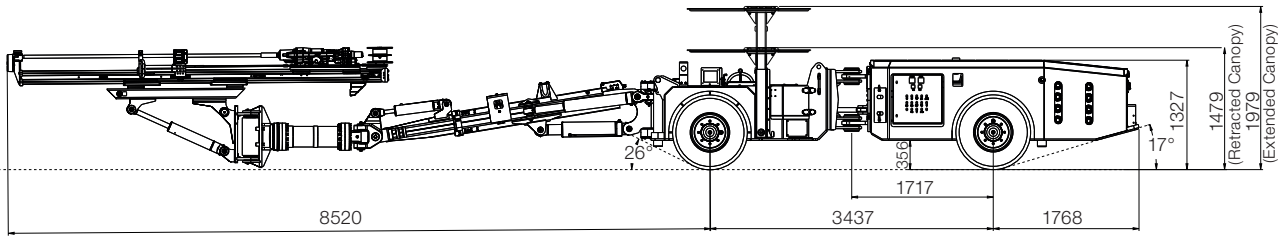
Width	2 250 mm
Height roof up/down	<1980 / 1485mm
Length with BMH 2837 feed	13 840 mm
Ground clearance	350 mm
Turning radius outer/inner	6 030 / 3 600 m

## Travelling speed

On flat ground	12 km/h
On incline: 1:7	5 km/h

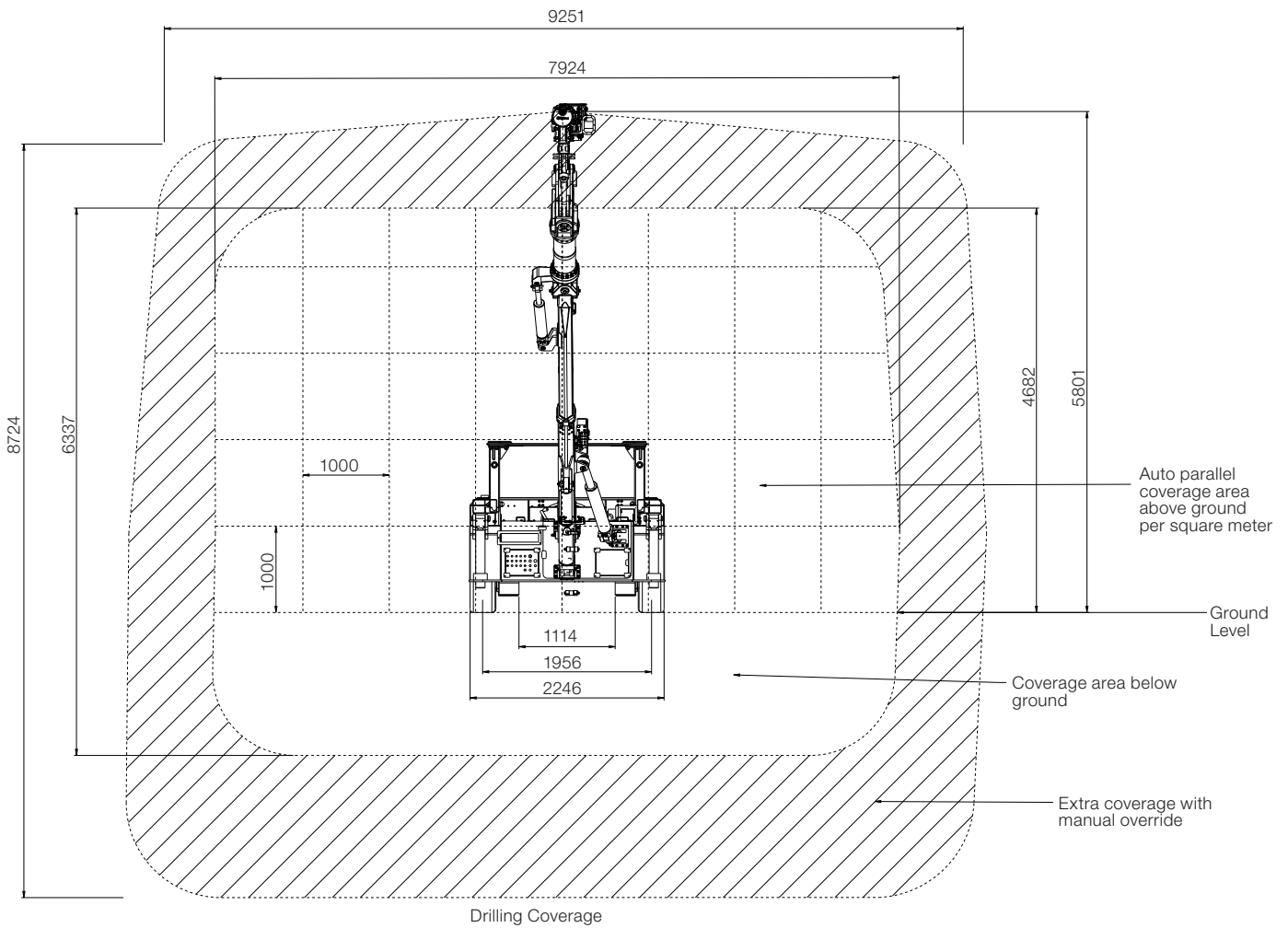


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NOTE:  
FEED USED BMH2831

Side view



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