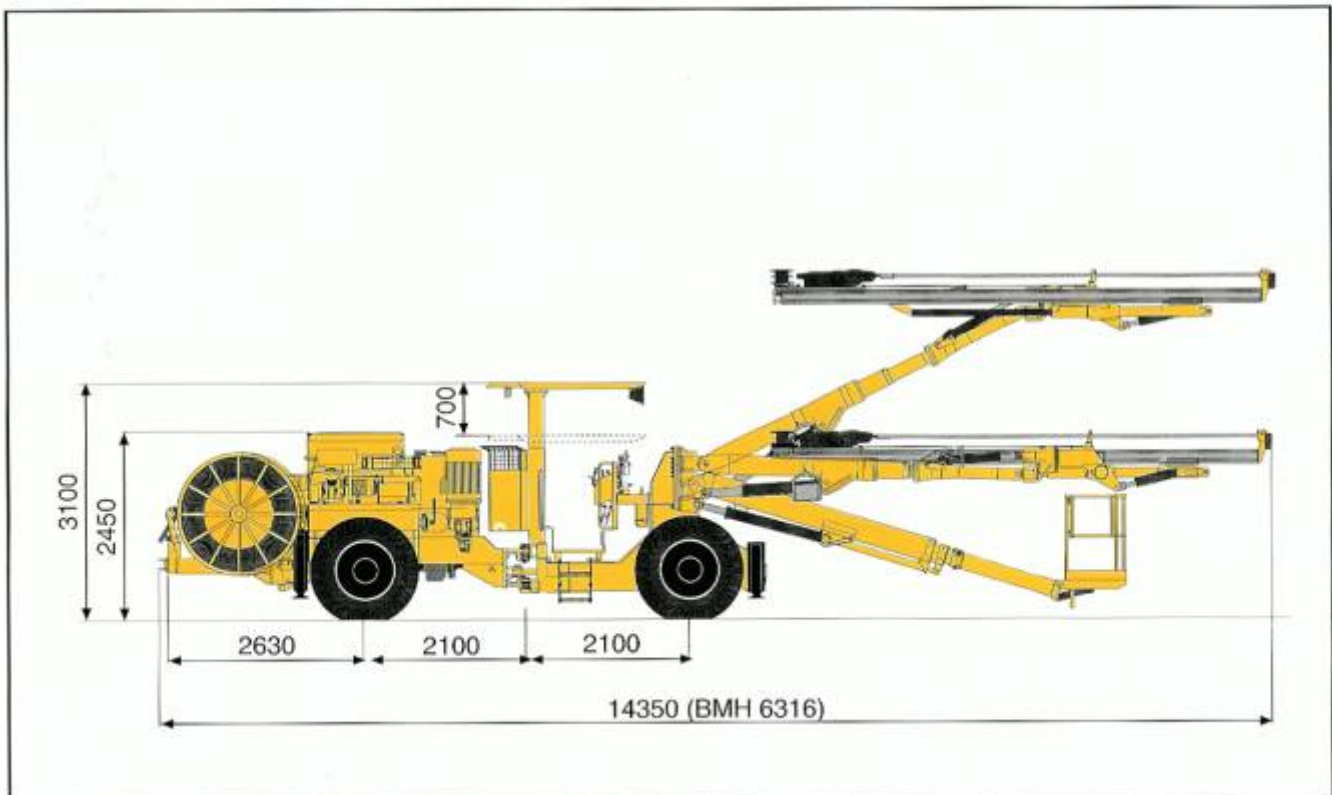
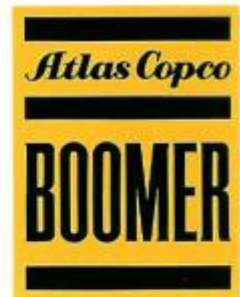


## Technical Specification

### Boomer 352-1238

Hydraulic drill rig with two BUT 35 booms

for cross sections up to 90 m<sup>2</sup>.



Boomer 352, the protective roof can be lowered during transportation. All dimensions in mm

**Main features**

- COP 1238 rock drill with new reflex dampener gives genuine high speed drilling and excellent drill steel economy. New lubrication system with separate lubrication of driver, gear, pressurized sidebolts and mating surfaces gives reliable operation, low maintenance cost and long time between overhauls,
- BMH 6300 heavy duty aluminium hydraulic feeds with double bottom for high torsional resistance. Snap-on stainless steel sleeves and polymer contact pads for long life and low maintenance costs.
- BUT 35 heavy duty booms with direct, accurate and parallel movement for fast positioning,
- DCS 12-2-45 Power Pack Which incorporates anti Jamming function RPCF (Rotation Pressure Controlled Feed force). Separate pumps for impact/feed and rotation for independent control and maximum output.

**Rock drill COP 1238ME**

Drill steel	R38 or 38
Height over drill centre	86mm
Impact power	15kw
Impact rate	40-60Hz
Hydraulic pressure, max.	250 bar
Lub. air consump. (at 3 bar)	5 l/s
Water requirement	0.8 l/s
Rotation system	Separate rotation
Rotation speed	0-300 rpm
Rotation torque,max.	500Nm
Weight	151kg

- DC 26 articulated carrier for high mobility and stable set up. The four wheel drive carrier is easy to manoeuver in narrow tunnels and drifts.
- Basic rig includes telescopic protective roof, water booster pump, cable reel and working lights.

**Main components**

Rock drill	2xCOP 1238ME
Feed	2XBMH 6300-series
Boom	2xBUT35
Power pack	DCS 12-2-45
Carrier	DC26

**Power pack DCS 12-2-45**

Pump motors	2x45kw
Hydraulic pumps	axial piston pump with variable displacement for impact and feed, constant flow gear pump for rotation
System pressure, impact mechanism	150-250 bar
Hydraulic oil tank,volume	385 litres
Compressor, type	Atlas Copco LE55
capacity	12.8 l/s(at 6 bar)
Water booster, capacity	300 l/min at 14 bar boost
Minimum water inlet pressure	4bar

**Feeds**

	<b>BMH 6314</b>	<b>BMH 6316</b>	<b>BMH 6318</b>	<b>BMH6320</b>
Total length (mm)	5880	6490	7100	7710
Drill steel length (mm)	4305	4915	5525	6135
Hole depth(mm)	4030	4640	5250	5860
Weight, incl.rockdrill(kg)	600	640	670	700
Feed force(kN)	20.0	20.0	20.0	20.0

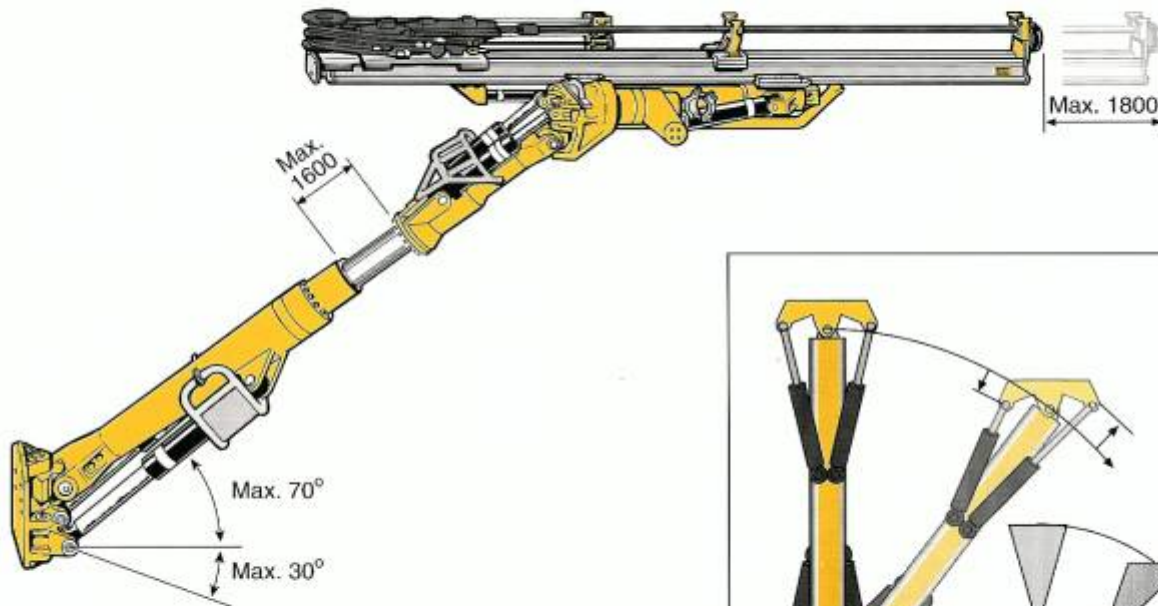
**Carrier**

Type	AtlasCopco DC26
Engine	Deutz BF6L 913,water cooled turbocharged 108 kW

**Boom BUT 35**

Feed extension	1800mm
Boom extension	1600mm
Parallel holding	Complete
Feed roll-over	360 dgrees
Max.lifting angle	+ 70 degrees

## Atlas Copco hydraulic boom BUT 35.



Double tripod suspension gives accurate parallel holding in all directions.

### Electric System

Total Power requirement 100 Kw

Voltage 380 – 1000 V

Frequency 50 – 60 HZ

Starting method star/delta

### Dimensions and weights

Height (min. transport height) 3100 mm

Width 2500mm

Length(with 16 ft feeds) 14350mm

Turning radii

outer 7100mm

### Optional equipment

- 55 kW power pack.
- 700 mm fixed segment for extended boom reach.
- Electric Cable type RDOT.
- Water hose reel including a 60 meter 2" water hose.
- Exhaust scrubber and/or catalyzer
- Telescopic feed BMHT 6300-series (only for BUT35 standard booms not for booms with fixed segment extension) .
- Rod Adding System, RAS, for extension drilling Of extra long holes, using Speedrod extension rods. Max 18 ft RAS on standard BUT 35 booms. Max

inner	4400mm
Gross weight	27000kg
Axle load	
boom side	22000kg
engine side	5000kg

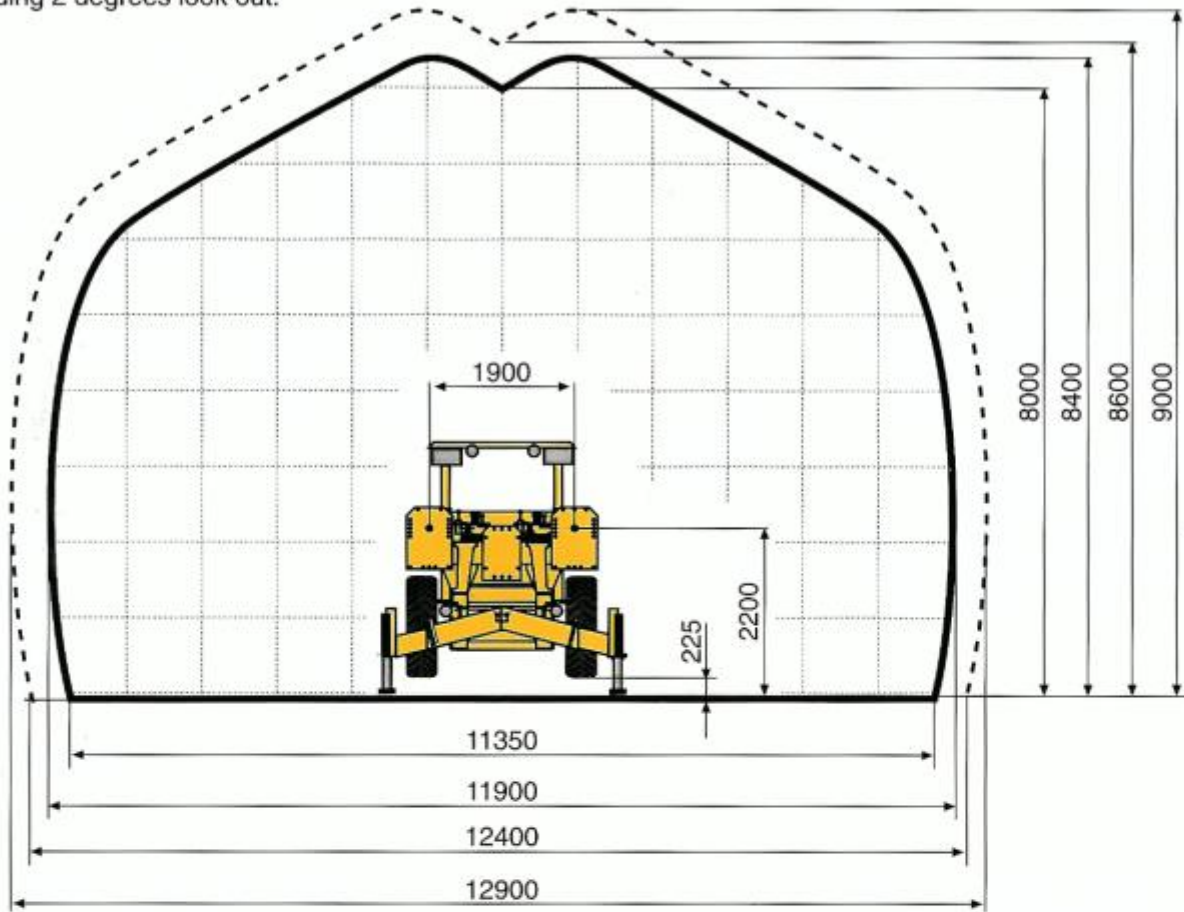
16 ft RAS on booms with fixed segment extension,

- BSH 110 drill steel support for extension drilling
- TAS, feed angle display.
- Bevel Data guidance system.
- Automatic boom lubrication system.
- Service platform:

<i>Description</i>	<i>Lifting capacity</i>
HL 210–SB, small basket (1 man)	400 kg
HL 210–SBE, small basket extended	300 kg
HL 210–LB, large basket (2 men)	300 kg

- Hydraulic Swellex pump.
- Air blowing kit with Atlas Copco LE 11 compressor,
- ANSUL, Fire extinguisher,
- Foam filled tyres.

**Coverage area**  
Including 2 degrees look out.



---- = with 700 mm boom extension

Scale 1:100

