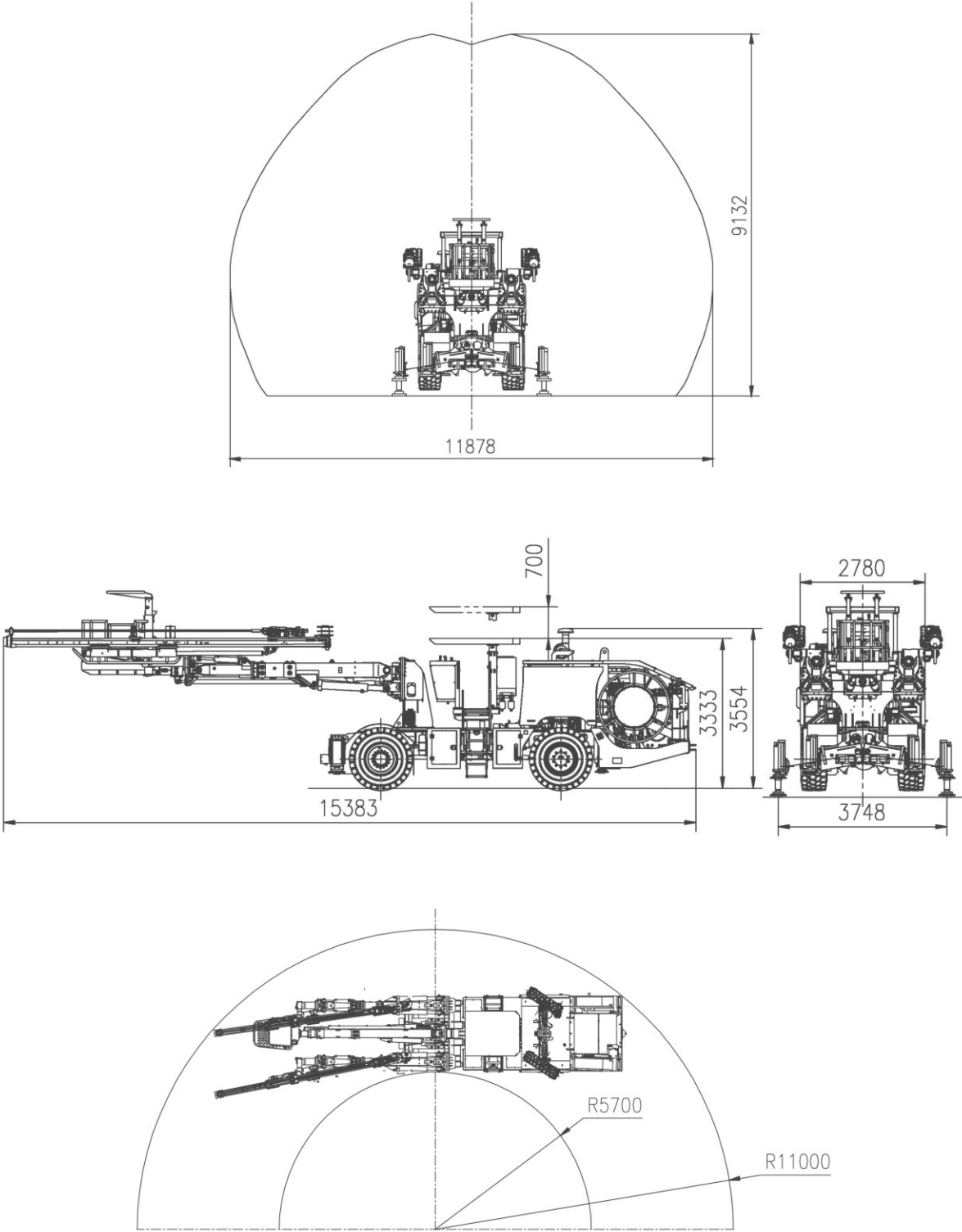


DJ2A M
Two-boom drill Jumbo

TECHNICAL DRAWING



Feeder and overall length					
Feeder model	BMH68-12'	BMH68-14'	BMH68-16'	BMH68-18'	BMH68-20'
Feed length	5485	6090	6700	7310	7920
Overall length	12700	13450	13900	14650	15260



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DJ2A M
Two-boom
drill Jumbo

Technical Specification



DJ2A M
Two-boom drill Jumbo



Stable and reliable tunnel construction equipment

KEY FEATURES

Coverage (H x W)(m)	9.1×11.9
Hydraulic rock drill	A18D/L
Drill feed	12-20ft
Boom	Telescopic square
Hole length(mm)	3425-5860
Hole diameter (drifting)(mm)	43-102
Turning radius(I/O)(m)	5.7/11.0
Transport width(mm)	2780
Transport height(mm)	3554
Transport length(mm)	15383
Total weight(kg)	35000
(with basket boom)	depending on options

CREG DJ2A M is a powerful tunneling jumbo equipped with two hydraulic booms for fast and accurate drilling in middle scale tunneling and underground mine development. this jumbo offers superior coverage 90m².

It is capable of comprehensive drilling and ground support features. include drilling blasting holes, anchor holes, grouting holes, pipe shed holes, advanced detection holes, etc.

DJ2A M is equipped with high-power turbocharged engine and integrated chassis, fast speed, high climbing ability, can be used in inclined shaft and steep road.

TECHNICAL SPECIFICATION

Hydraulic rock drill	
Type of rock drill	A18D/L×2
Percussion power(kW)	18
Stabilizer	hydraulic
Hole size (drifting)(mm)	43-76
Hole size (cut hole)(mm)	76-102
Recommended rod	T38 - H35 - R32
	T38 - R39 - R35
	T45-R46-T45
Shank adapter	T38M , T45M
weight(kg)	170
length(mm)	1008
Profile height(mm)	88

Drilling feed					
Type of feed	Feed force (max.)(kN)	Total length (mm)	Hole length (mm)	Rod length (mm)	Net weight (kg)
BMH68-12	23	5485	3425	3700	640
BMH68-14	23	6090	4030	4305	670
BMH68-16	23	6700	4640	4915	700
BMH68-18	23	7310	5250	5525	730
BMH68-20	23	7920	5860	6135	760

Boom	
Type of boom	Telescopic square
Parallel coverage(m²)	90
Parallelism	Hydraulic
Boom extension(mm)	1600
Feed extension(mm)	1800
Roll-over angle(°)	±180
Boom pitch(°)	-35~70
Boom swing(°)	±45
Boom weight,net(kg)	3200

Hydraulic system	
Powerpack(kV)	2×55
Percussion pump(mL/r)	105
Rotation pump(mL/r)	76
Filtration size (pressure / return)(μm)	10 /10
Oil tank volume(L)	680
Oil tank filling pump	Electric
Cooler for hydraulic oil	Oil to water

Electric system	
Voltage/Frequency(V/Hz)	380(±10%)
Total input power(kW)	140
Starting method	Y-△
Cable reel control (in / out)	Operator station and remote control at rear machine)
Carrier electric system	Continuous 120 A 27 VDC
Outlets on carrier	1×220V(16A)
Front lights (combined working and driving)	8 × 100 W+4×48W LED (24 V)
Rear lights(driving)	4×48W LED (24 V)
Amber flashing light	LED (24V)
Stair service lights	2×LED(24 V)
Electric current draw reducer unit	Standard

Drilling control system	
Type of control system	Hydraulic pilot control
Diagnostic system	Comprehensive
Drilling control mode	Manual collaring Feed / Percussion control/
	Anti-jamming system / Flushing control
Manual boom control	Direct control
	Fully proportional
	Hydraulic parallelism

Air and water flushing	
Flushing of holes	By water
Water pump power(kW)	7.5
Water pump capacity(L/min)	167
Water pump inlet pressure(bar)	Min.2
Flushing water pressure(bar)	10-15
Water outlet(bar)	5-15
Shank lubrication device	Air/oil mist
Air compressor	1.6m³/min at 8bar
Rock drill oil consumption(ml/min)	0.7
Rock drill air consumption(L/min)	300

Operator's safety cabin	
Cabin height(mm) (tramming / inside height)	3554/2145
Seat	Fully adjustable seat
Air conditioning / heating	Optional
Cabin audio system	MP3 with radio
Electricity outlets	1×220V(16A)

Carrier	
Carrier type	Integrated
Rear axle oscillation(°)	± 8
Ground clearance(mm)	380
Diesel engine	162KW,CN-Stage IV
Transmission	Hydromechanical
Tires	14.00-24
Service brakes	Hydraulically applied wet disc brakes
Tramming speed(km/h)	15
Gradeability / sideways tilt(°)	15/5
Fuel tank(L)	150
Hand throttle	Standard
Hand held fire extinguisher(kg)	1×6.0
Tramming alarm	Standard
Colour scheme	CREG
Documentation	1 × Operator's manual 1 × Maintenance manual 1 × Parts manual (in English and according to customer needs)

Optional features and packages	
Rock drill	
Rock drill type	HC110/HC95SA
Drilling feed	
Feed length(According to drill rod)	12',14',16',18',20'
Telescopic feed	6'/12',8'/14',10'/16'
Rod retainer	Adapts to various feeds
Rod handling system	Incl. rod retainer+ PE for 8' or 10' or12' extension rods, 8 + 1 extension rods)
Pipe umbrella system	Pipe following drilling system
User interface	Configurable

Utility boom	
Safety canopy	FOPS approved
	Sliding FOPS safety canopy
Spot lights	Standard

Electric system	
Multivoltage basic	400/690V, 50 Hz/60 Hz
Electric cables(m)	100
Main motor	75Kw/90kW depending on rock drill
Ground fault and overcurrent unit	Standard
Outlet on carrier	Standard
Spot lights	Standard

Air and water system	
End of hole air flushing	
Air mist flushing kit	Configurable

Cleaning system	
HP system with reel	Up to 180bar

Greasing system	
Automatic system	Carrier, boom

Fire suppression system	
Spare hand held ffre extinguisher	1 x 7.7 kg or 9 kg (type ABC)
Manual or automatic system	Optional
Automatic system	Optional

Carrier	
Diesel engine	EU-Stage V,Tier 4F
Cabin	Enclosed cabin
Tramming cameras	Rear, side and front
Rod rack	Standard

Extra items!	
Special tools for rock drill	Complete tool set
Documentation	Extra manuals for free
Package: Country speciffc options	EUR,AUS,LAM,ME