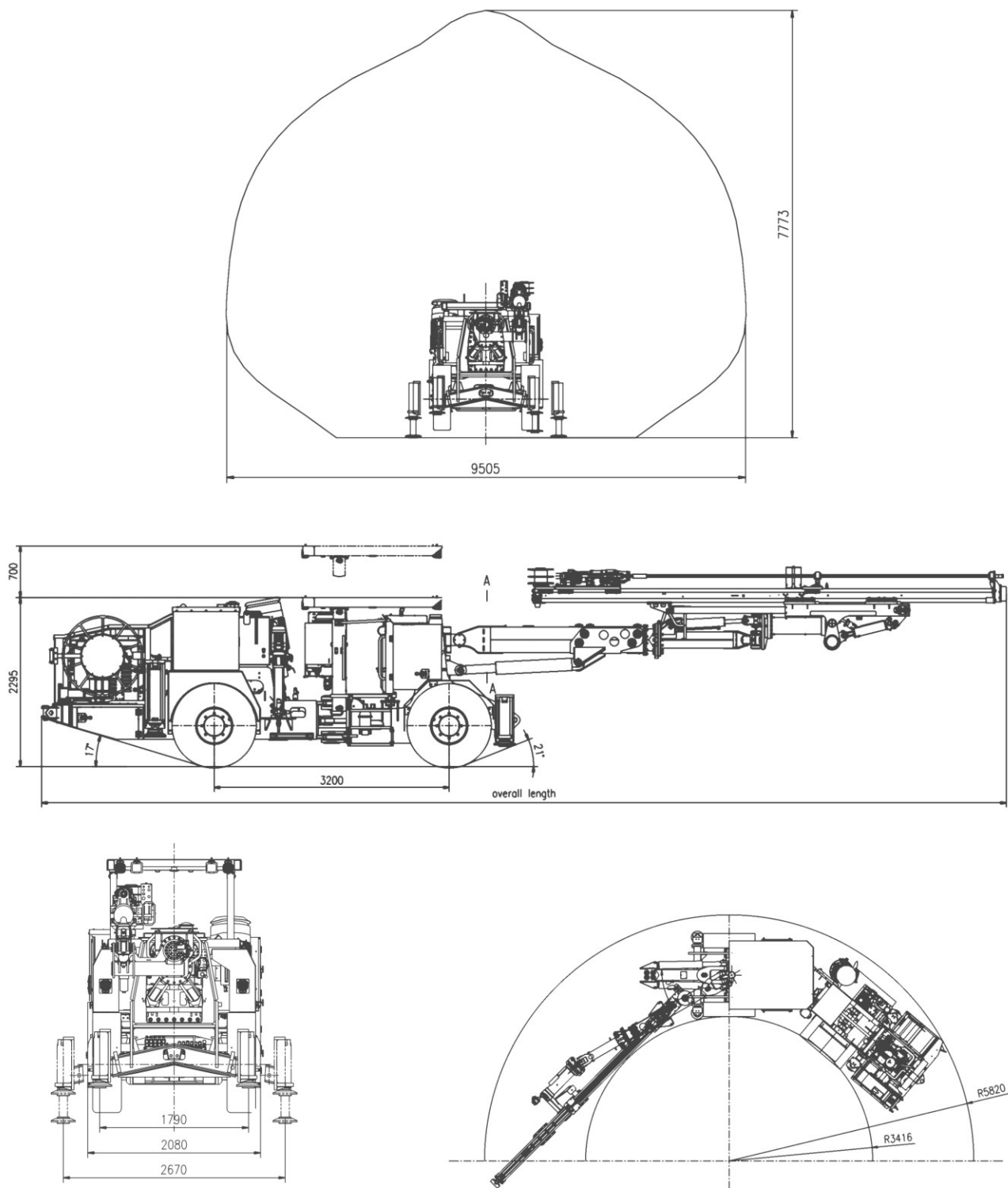


DJ1A L
One-boom grill jumbo

TECHNICAL DRAWING



Feeder and overall length					
Feeder model	BMH68-12'	BMH68-14'	BMH68-16'	BMH68-18'	BMH68-20'
Feed length	5297	5902	6512	7122	7732
Overall length	11940	12545	13142	13742	14302



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DJ1A L
One-boom
Drill Jumbo

Technical Specification



DJ1A L
One-boom grill jumbo



Your choice
of great value

CREG DJ1A L is Designed for medium size drifts with maximum coverage area up to 57 m².

Hydraulic pilot control system with open body design makes easy operation and convient maintenance, creating more value for customers.

Standard heavy boom and propulsion feed system, combined with high-performance A18D/L hydraulic rock drill, can easily deal with a variety of tough conditions.

DJ1A L has a compact body, but has a large operating coverage up to 57m², rich application scenarios, and high (kg)cost performance.

Various options are available for all kinds of operation requests.

KEY FEATURES

Coverage(H×W)(m)	9.5×7.8
Hydraulic rock drill	1×A18D/L
Drill feed	BMH68-16,12-18ft
Hole length(mm)	3310-5135
Hole diameter (m)	43-102
Drilling control system	hydraulic pilot control
Turning radius(l/O)(m)	3.42/5.8
Transport width(mm)	2080
Transport height(mm)	2295
Transport length(mm)	13142 (withBMH68-16 feed)
Total weight(kg)	17000 depending on options

TECHNICAL SPECIFICATION

Hydraulic rock drill	
Type of rock drill	A18D/L×1
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		5458	3310	3700	640
BMH68-14	23		6063	3900	4305	670
BMH68-16 Standard	23		6673	4525	4915	700
BMH68-18	23		7322	5135	5525	730

Boom

Type of boom	Telescopic square
Parallel coverage(m²)	57
Parallelism	Hydraulic
Boom extension(mm)	1200
Feed extension(mm)	1400
Roll-over angle(°)	±180
Boom pitch(°)	-35/70
Boom swing(°)	±45
Boom weight,net(kg)	2900

Hydraulic system

Powerpack(kW)	1×75
Percussion pump(mL/r)	105
Rotation pump(mL/r)	50
Filtration size (pressure / return)(μm)	10 /10
Oil tank volume(L)	280
Oil tank filling pump	Electric
Cooler for hydraulic oil	Oil to water

Electric system

Standard voltage(V)	380(±10%)
Total input power(kW)	83kW
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	1×230V(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 (24V)
Electric current draw reducer unit	Standard

TECHNICAL SPECIFICATION

Drilling control system

Type of control system	Hydraulic
Manual boom control	Direct control Fully proportional Hydraulic parallelism
Drilling control	Feed / percussion control Flushing control
Control system software	Support and maintenance package, Full life cycle

Air and water flushing

Water pump power(kW)	4
Water pump capacity(L/min)	66.7
Water pump inlet pressure(bar)	Min.2
Flushing water pressure(bar)	17.8
Water outlet(bar)	5-15
Shank lubrication device	Air/oil mist
Air compressor	0.5m³/min at 8bar
Rock drill oil consumption(ml/min)	0.7
Rock drill air consumption(L/min)	300

Operator's safety cabin

Safety cabin	FOPS
Cabin height (tramming / inside height)(mm)	2995/2295
Operation	Standing drilling,seated tramming
Operator's seat	For tramming Adjustable with seat belt
Air conditioning / heating	Optional
Cabin audio system	MP3 with radio
Electricity outlets	1×220V(16A)

Carrier

Carrier articulation(°)	± 40
Rear axle oscillation(°)	± 7
Ground clearance(mm)	275
Diesel engine	70kW,CN-Stage IV
Transmission	Hydromechanical
Tires	14.00-20
Brakes	Fail-safe wet disc brakes
Tramming speed(km/h)	Max.18
Gradeability / sideways tilt(°)	15/5
Fuel tank(L)	70
Carrier stabilization	Hydraulic telescopic outjumboger(front) Hydraulic telescopic outjumboger (rear)

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)

DJ1A L
One-boom grill jumbo

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
Electric system	
Optional voltage basic	400/690/1000V, 50/60 Hz
Electric cable(m)	80/100
Ground fault and overcurrent unit	Standard
Outlet on carrier	Standard
Spot lights	Standard
Cable plug holder	Optional

Air and water system

End of hole air flushing	Configurable
Air mist flushing kit	Configurable
Water hose reel with water hose	Optional

Cleaning system

HP system with reel	Up to 180bar
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Greasing system

Automatic system	Carrier, boom
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Fire suppression system

Spare hand held ffre extinguisher	1 × 7.7 kg or 9 kg (type ABC)
Manual system	Optional
Automatic system	Yes

Carrier

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

Extra items

Spare wheel assembly	Standard
Special tools for rock drill	Complete tool set
Documentation	Extra manuals for free
Package: Country specific options	EUR,AUS,LAM,ME