

BCHM Type Emulsion

Face Drilling Rigs Hole charger vehicle

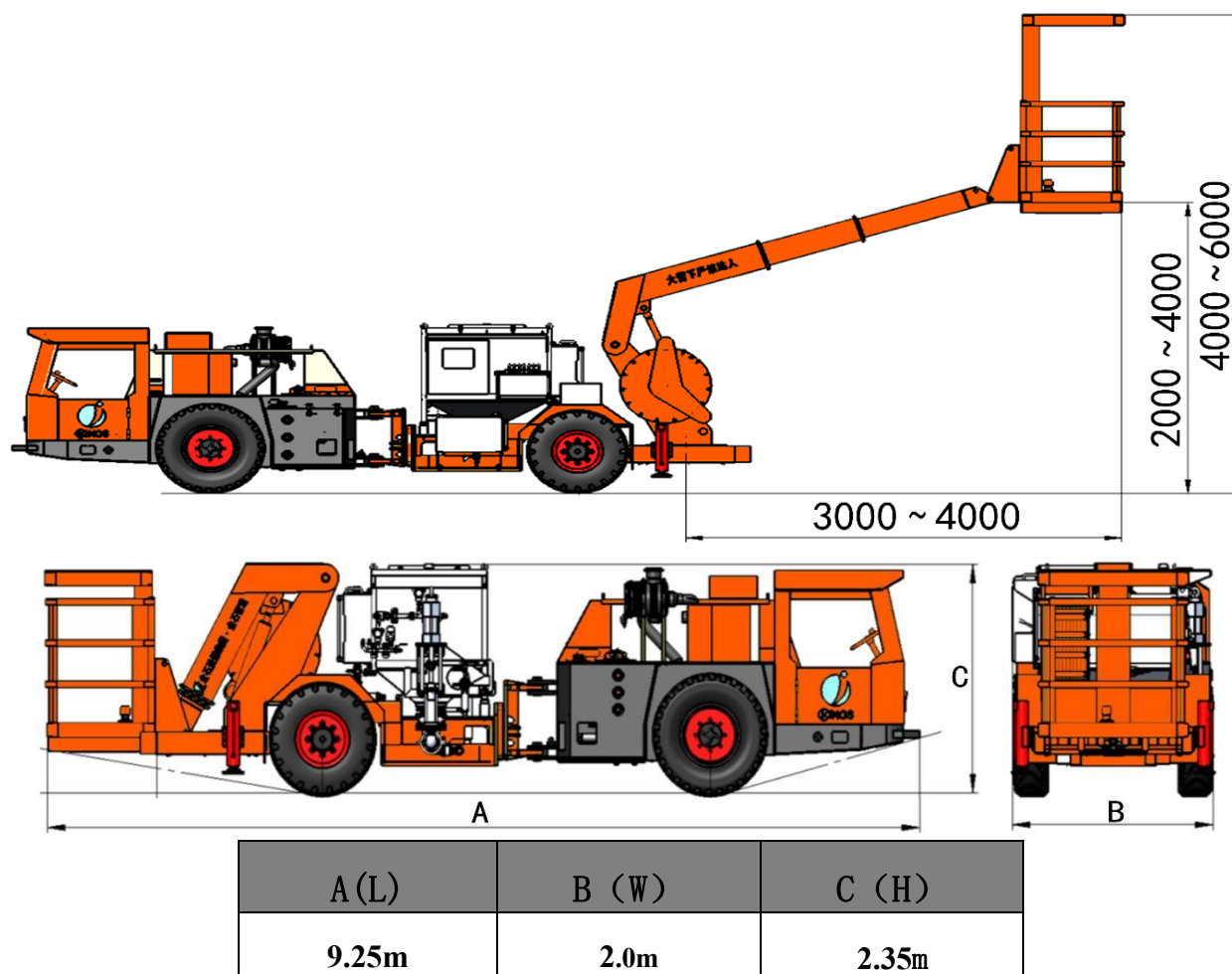


1. Main technical parameters

No.	Model No.	BCHM
	Tank volume (m ³)	1.5
1	Vehicle size (optional)	9.25X2.0X2.35 m
2	Gross mass	15 t
3	Adaptable Borehole Diameter	DN40~DN110 mm
4	Pipe diameter and length	DN19 mm, 20 m
5	Delivery system	Piston pump for explosives 1000cc
6	Charging efficiency	20~80 kg/min
7	Maximum height of basket from the ground	6 m
8	Basket extension length	4 m
9	Feeding and retreating speed and precision	0.5 m/s, ±0.2m
10	Hydraulic pump valve	Danfoss / Parker / Eaton
11	Control system	Siemens, Schneider, Omron
12	Charging method	High-density loading such as hollowing holes, low-density loading such as peripheral holes.
13	Engine model	Cummins F4.5CS4168
14	Engine power and emission	125 kW, National IV
15	Torque converter/transmission	BED4318000099
16	Drive Axle	Fenyi DR50
17	Drive Type	4X4 wheel drive
18	Brake type	Hydraulic wet brake
19	Chassis certification	KA(Chinese mining safety standard)
20	Minimum ground clearance	≥250 mm
21	Steering	Articulated steering
22	Maximum steering angle	42 °
23	Turning radius (inside/outside)	4.0/ 6.5 m
24	Vehicle speed	0 to 20 km/h
25	Maximum climbing capacity with full load	14 °
26	Approach angle	17 °

27	Departure Angle	14 °
29	Hybrid Option	32-73.6 kWh new energy lithium iron phosphate KA battery

2.Dimensions and Working coverage



3. BCHM options configurations

Serial Number	Option Name	Option Configuration	Remarks
1	Automatic fire extinguishing system	Yes ☐ No ☐	
2	Centralised lubrication system	Yes ☒ No ☐	
3	PDI system	Yes ☒ No ☐	
4	CCTV system	Yes ☒ No ☐	