

FQ-2B

Material Lifting and Transportation Vehicle

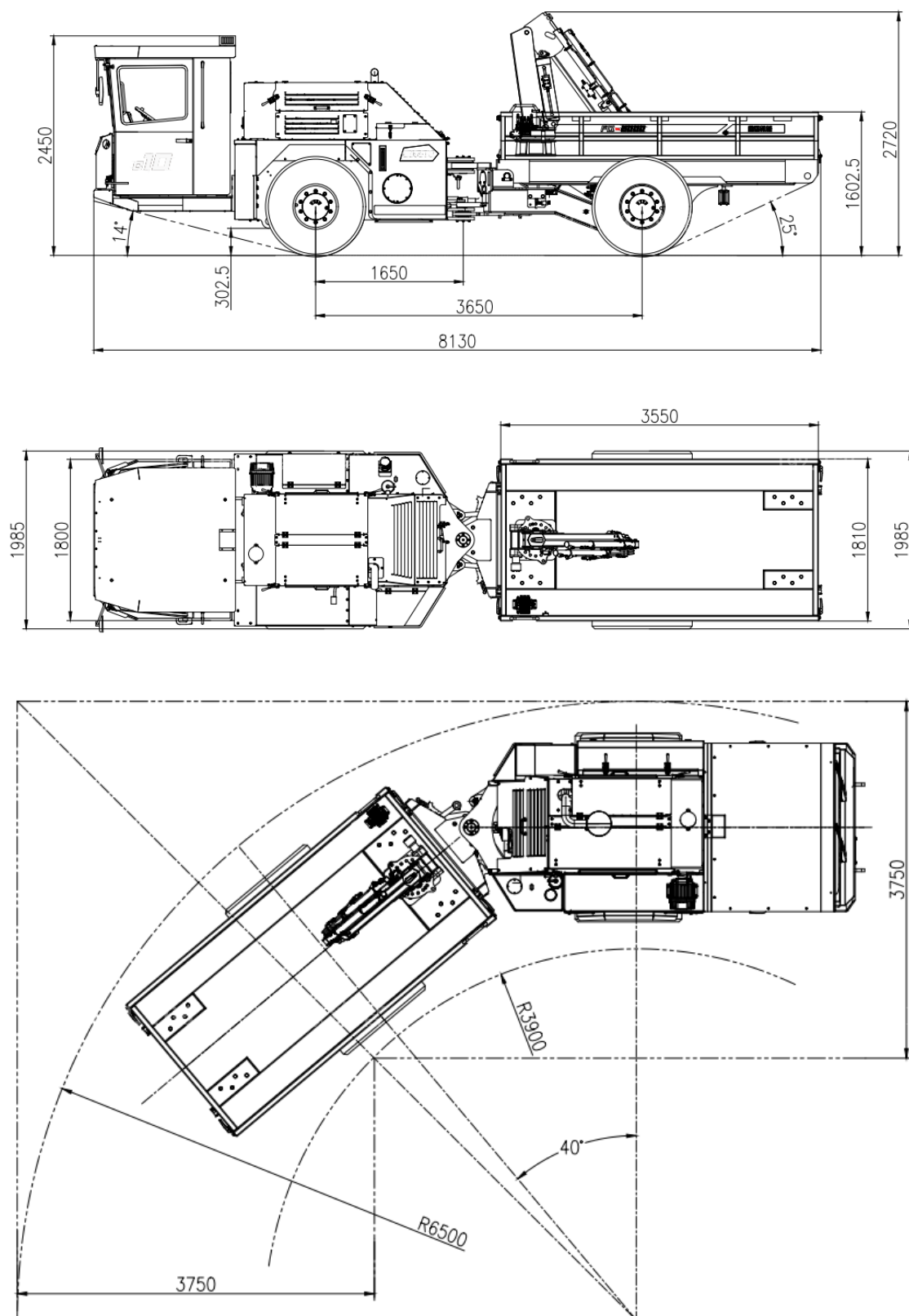


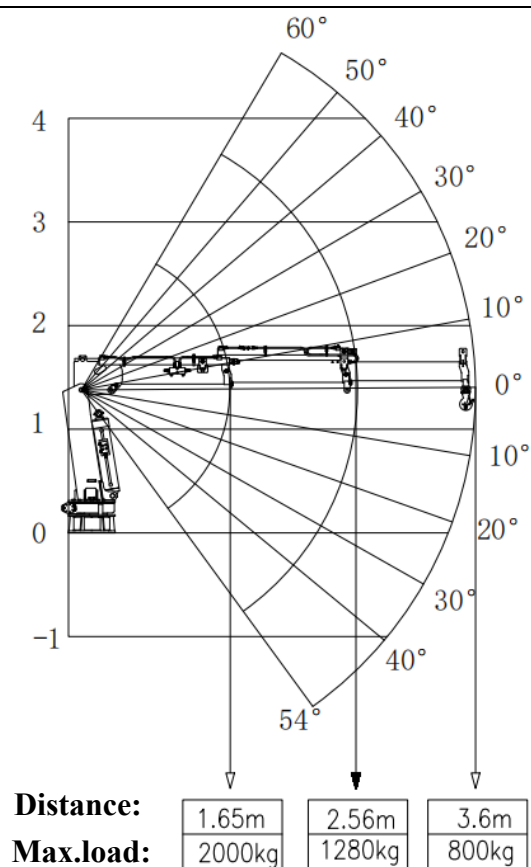
1. FQ-2B Material Lifting and Transportation Vehicle technical parameters

No.	Technical Items	Technical datas	Remarks
1	Equipment model: FQ-2B		
1.1	Load (KG)	5000	
1.2	Self-weight (KG)	10000	± 3% deviation
1.3	Total weight (KG)	15000	Full load
1.4	Maximum Climbing Gradient (°)	15	
1.5	Maximum speed (km/h)	25	
1.6	Dimensions: Overall length(mm)	8130	
	Dimensions: Overall Width(mm)	2000	
	Dimensions: Overall Height (mm)	2720	
1.7	Wheelbase(mm)	3650	
	Track width (mm)	1680	
1.8	Min Ground Clearance (mm)	≥270	
1.9	Front axle swing angle (°)	±8	
2	Engine		
2.1	Engine type	QSB4.5-C168	Tier IV
2.2	Rated power	125kW	
3	Transmission		
3.1	Transmission Model	BED4318000099	
4	Drive Axle		
4.1	Front/Rear Axle	Fengyi drive axle DR50-22C-I	
5	Steering System		
5.1	Steering system type	Fully hydraulic steering	
5.2	Steering angle (°)	40	
5.3	Minimum turning radius (m)	3.9± 0.2 (Inside)	
		6.5± 0.2 (Outside)	
6	Travel speed		
6.1	Forward (km/h)	I gear -5	
		II gear -8	
		III gear -15	
		IV gear-25	

6.2	Backward (km/h)	I gear -5	
		II gear -8	
		III gear -10	
7	Tire	12R20	
8	Material compartment		
8.1	Load (kg)	5000	
8.2	Cabin length (mm)	3550	
8.3	Carriage width (mm)	1810	
9	Lifting arm		
9.1	Maximum lifting capacity (kg)	2000	
9.2	Maximum lifting height (m)	4.6 (from ground level)	
9.3	Slewing angle ()°	±180°	
9.4	Variation angle (°)	-54-60	

2. FQ-2B Material Lifting and Transportation Vehicle dimensions





Boom working range diagram

Note: The attached dimensions are for reference only, and the actual delivery status shall prevail.

3. FQ-2B Material Lifting and Transportation Vehicle Configurations

No.	Equipment name	Unit	Quantity	Configuration	Specification
1	Engine	pcs	1	Cummins	
2	Transmission	pcs	1	Shantui	
3	Axle	pcs	1	Fenyi	
4	Gear pump (steering + brake)	pcs	1	Domestic matching	
5	Gear pump (auxiliary action)	pcs	1		
6	Battery	set	1		
7	Front axle drive shaft	pcs	1		
8	Rear axle drive shaft	pcs	1		
9	Tire	pcs	4		
10	Steering cylinder	pcs	2		
11	Air conditioner	set	1		
12	Radiator	set	1		

4.FQ-2B Material Lifting and Transportation Vehicle options

No.	Option name	Optional accessories		Remarks
1	Closed cab	Yes ☒	No ☐	
2	Centralized lubrication system	Yes ☒	No ☐	
3	Automatic fire extinguishing system	Yes ☐	No ☐	
4	PDI system	Yes ☒	No ☐	
5	CCTV system	Yes ☒	No ☐	