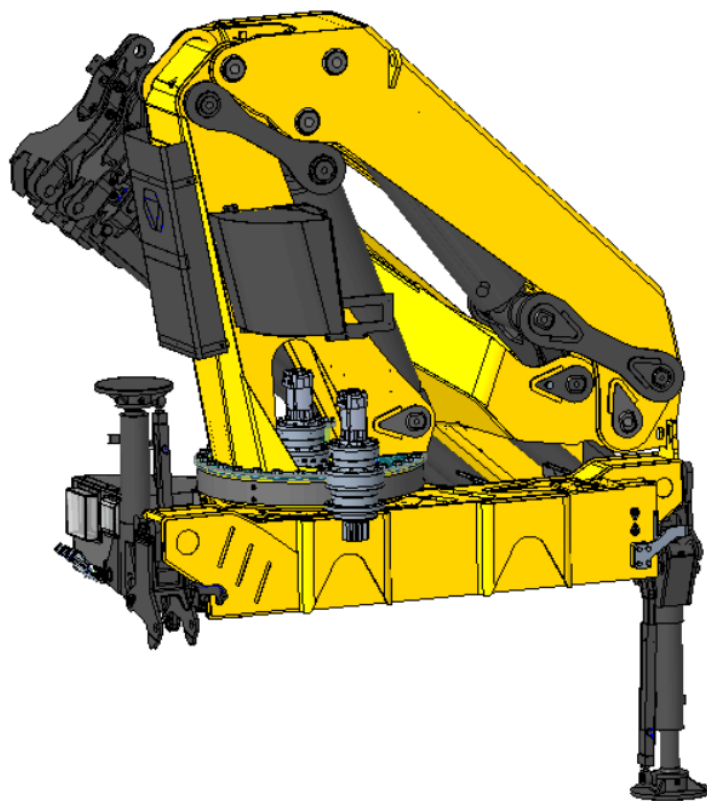
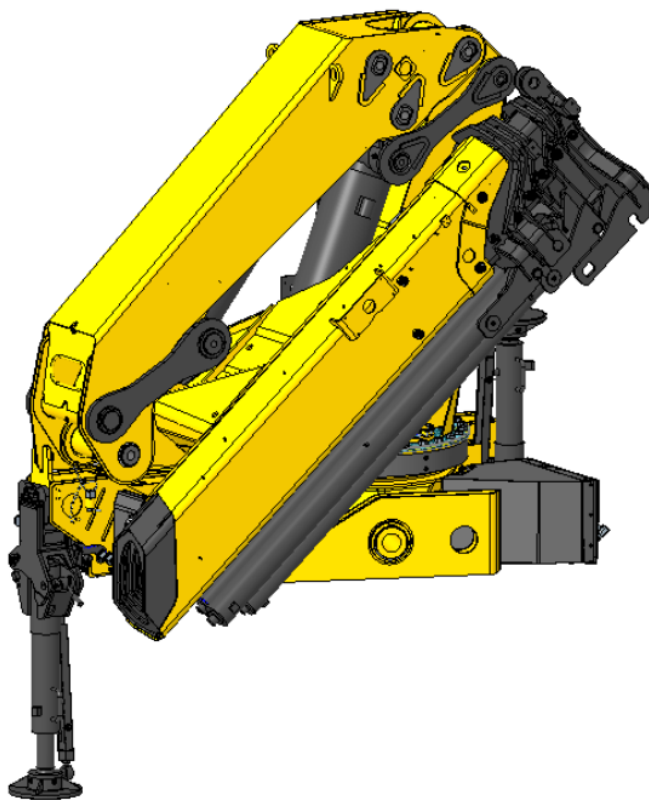


XCMG Knuckle boom crane

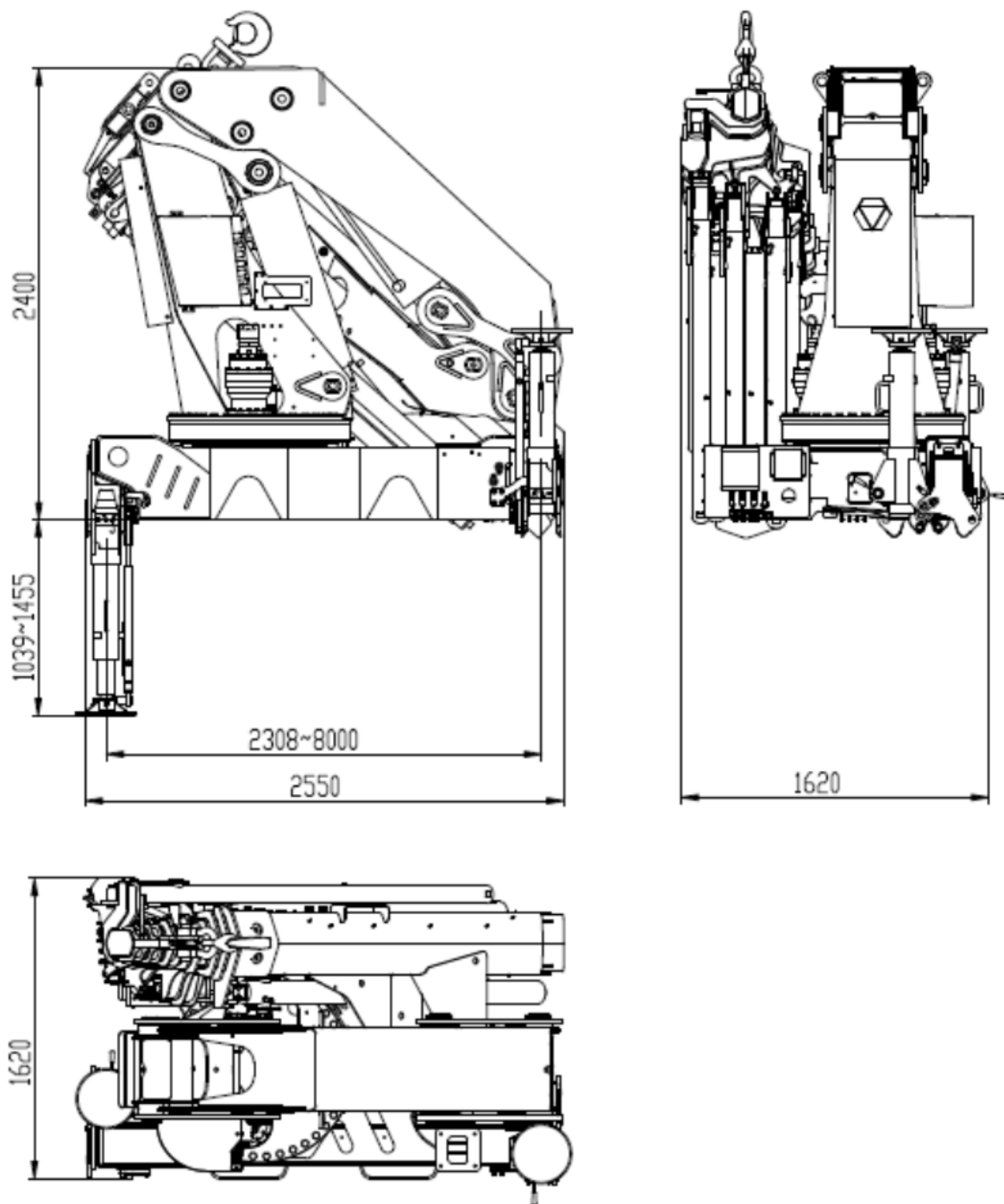


XCMG, the Leader of Truck Mounted Cranes, Aerial Working Platforms, Bridge Inspection Vehicles and Road Wreckers in China

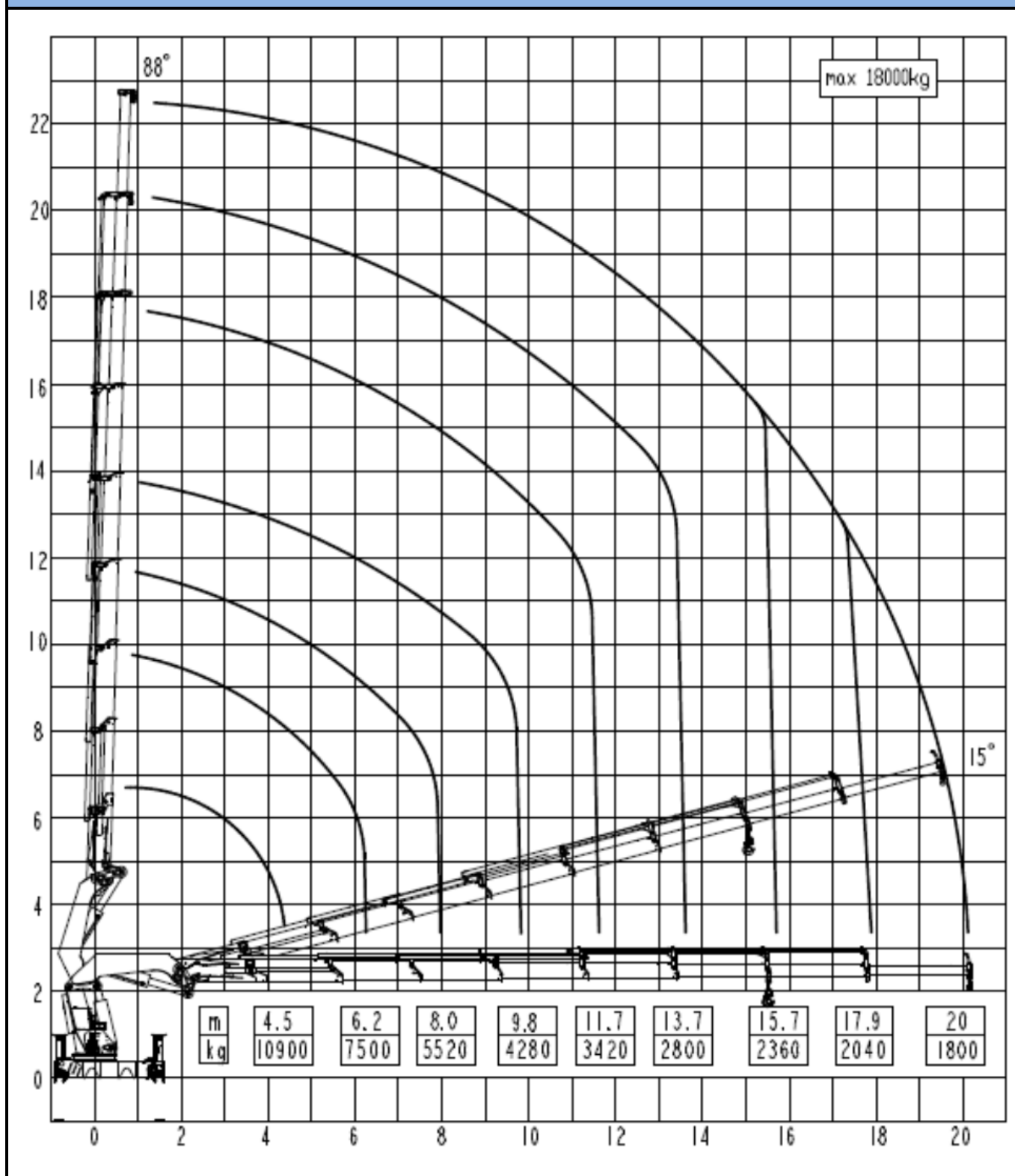
Technical Parameters

Item	Parameter
Brand	XCMG
Crane model	SQZ565.8
Max. lifting moment	49.4 mt
Max. lifting capacity	18,000 kg
Max. lifting height	22.1 m
Max. hydraulic outreach	20 m
Boom type	Hexagon, 8
Boom length	4.5~20.0 m
Slewing angle	360° continuous
Luffing angle	0~88°
Outriggers type	Double-chamber, two-stage telescopic outrigger
Outriggers span	2,300~8,000 mm
Operation	Remote control operation on superstructure, dual-manual valve control on chassis side
Max. pressure of hydraulic system	33 MPa
Recommended power	48 kW
Recommended pump capacity	80 L/min
Crane weight	7,250 kg
Configurations	
➤ Two hooks (25T + 6.3T) enable 360° continuous rotation without jamming. ➤ Hydraulic balance valve; Hydraulic over-flow valve; Hydraulic double-way valve ➤ Anti-two-block warning device. ➤ Dual four-bar linkage mechanism. ➤ Wireless remote control, load moment limiter (LMI), emergency stop switch, and hour meter.	
Advantages	
➤ Dual high-torque reducers provide strong slewing power, reliable braking, smooth rotation, and enhanced operational safety. ➤ The boom structure adopts a hexagonal cross-section design, providing excellent bending and torsional resistance. This configuration enhances structural stability, effectively reduces lateral sway during operation, and significantly improves lifting safety. ➤ Single-pump hydraulic system with proportional valve control ensures precise, smooth operation and combined movements. Outriggers are controlled separately on each side for improved visibility and safety. Standard high-capacity radiator maintains stable oil temperature during prolonged heavy-duty operation.	

Profile drawing and rated load



Loading Diagram





施工案例 CONSTRUCTION CASE



XCMG, the Leader of Truck Mounted Cranes, Aerial Working Platforms, Bridge Inspection Vehicles and Road Wreckers in China