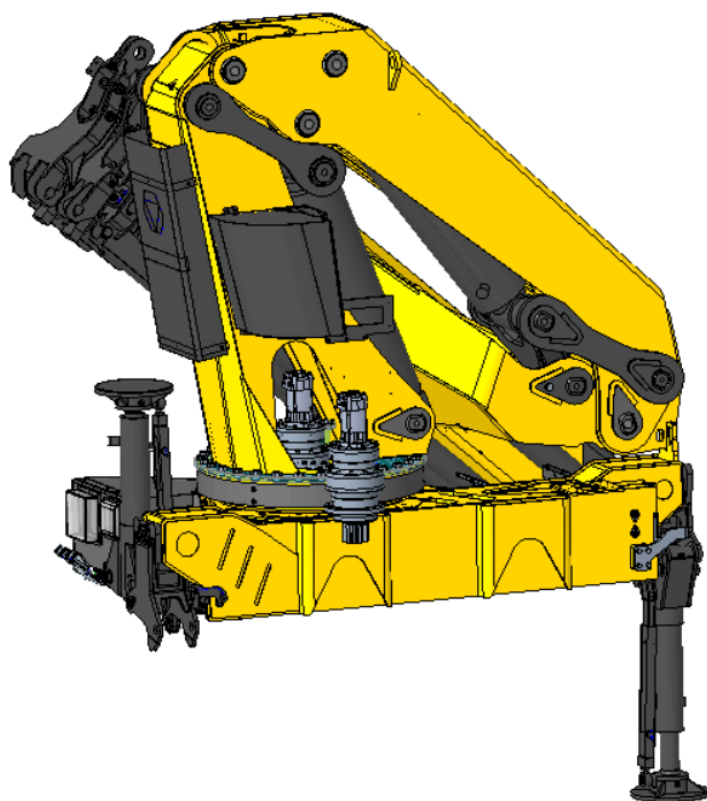
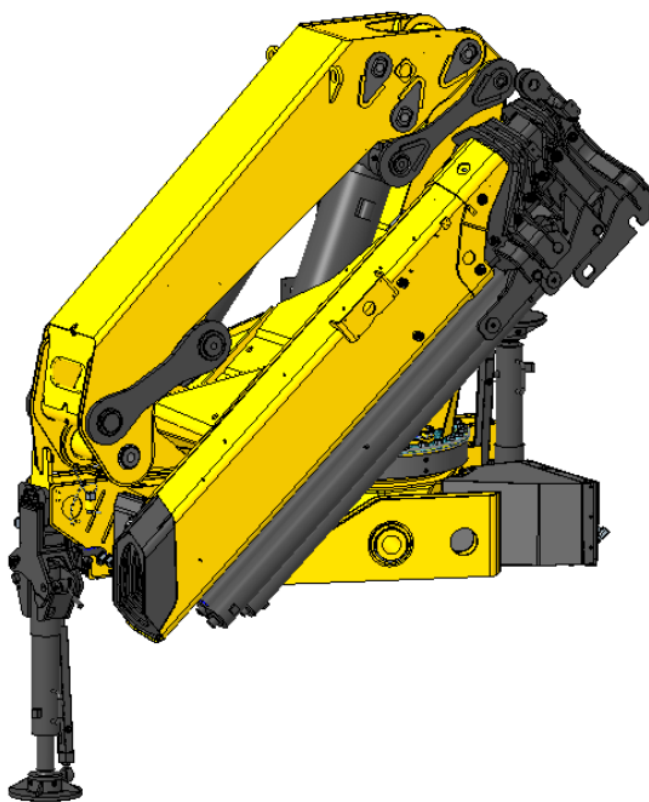


XCMG Knuckle boom crane

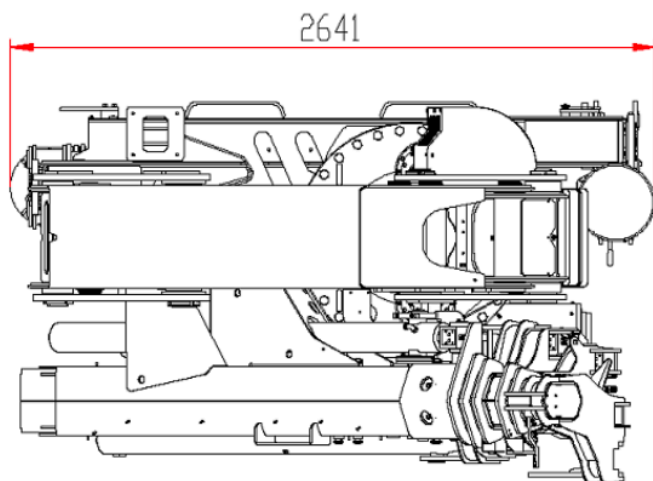
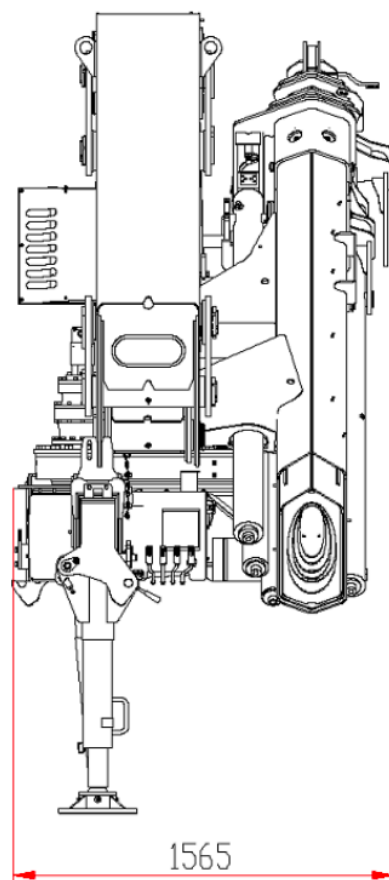
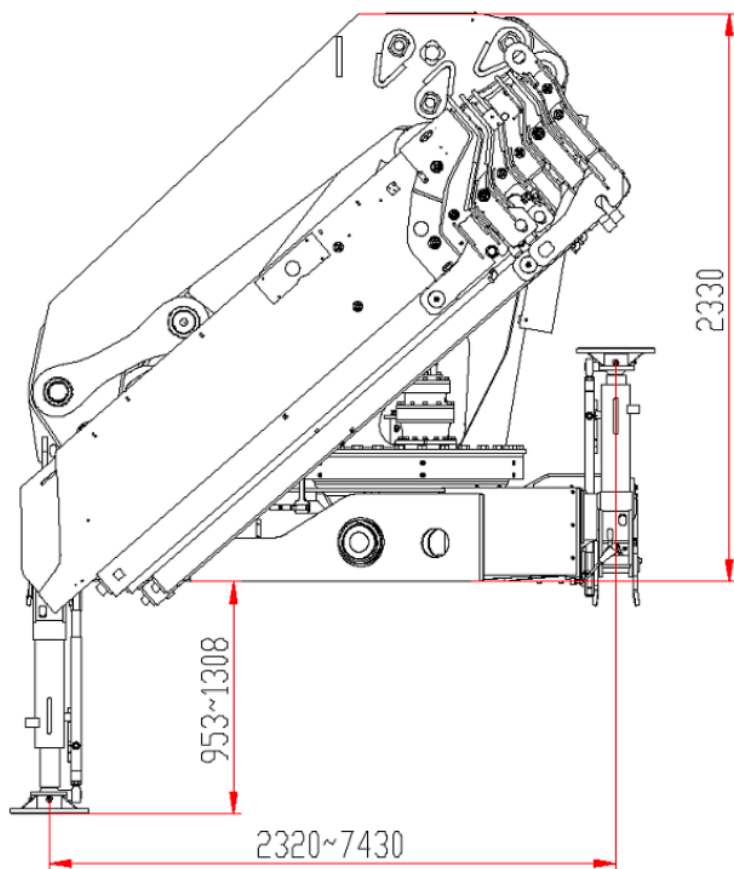


XCMG, the Leader of Truck Mounted Cranes, Aerial Working Platforms, Bridge Inspection Vehicles and Road Wreckers in China

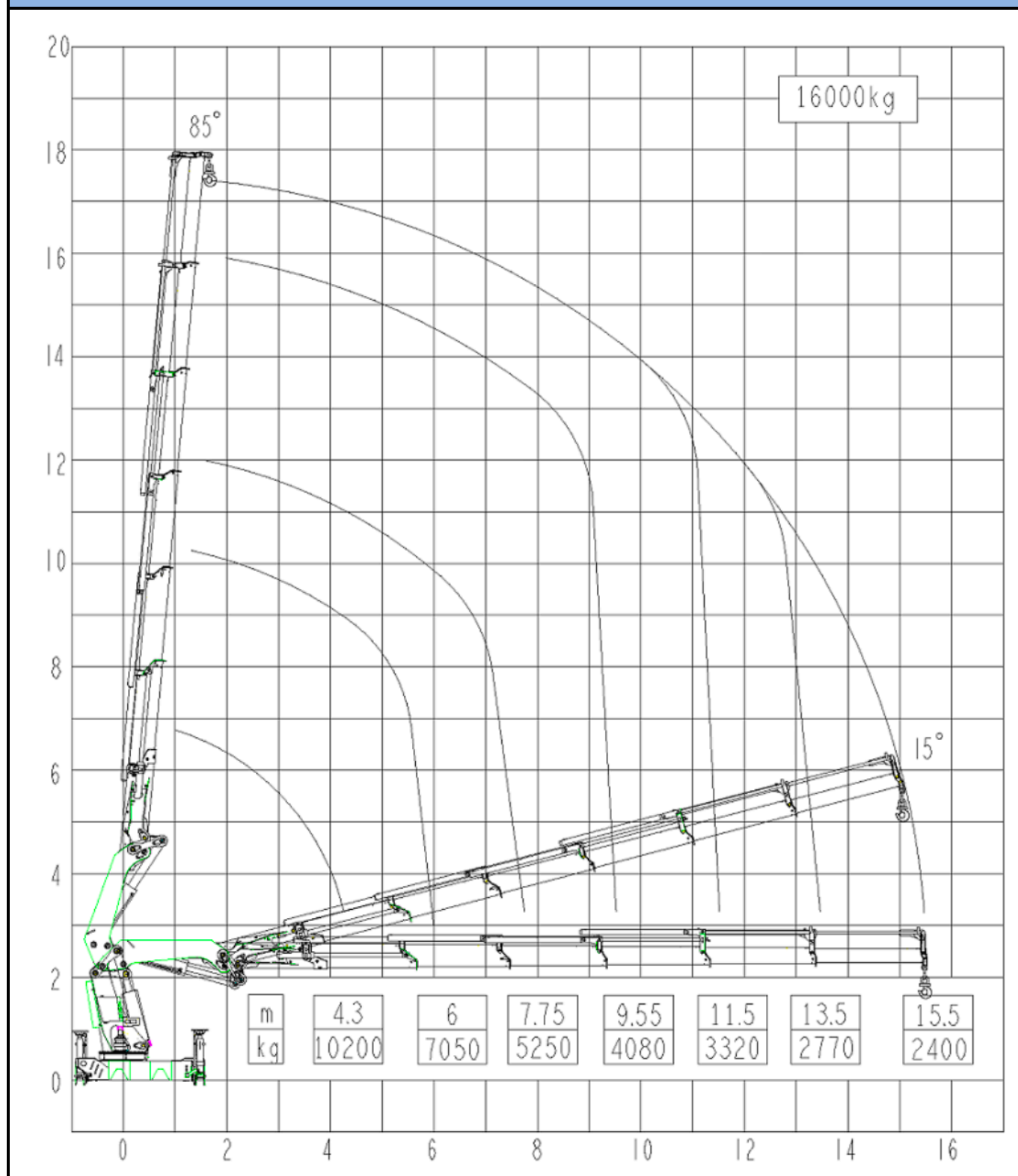
Technical Parameters

Item	Parameter
Brand	XCMG
Crane model	SQZ485.6
Max. lifting moment	43.8 mt
Max. lifting capacity	16,000 kg
Max. lifting height	17.9 m
Max. hydraulic outreach	15.5 m
Boom type	Hexagonal sequential telescopic boom, 6
Boom length	2.32~7.43 m
Slewing angle	360° continuous
Luffing angle	0~85°
Outriggers type	Double-chamber, two-stage telescopic outrigger
Outriggers span	2,320~7,430 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	6,200 kg
Configurations	
➤ A Self-rotating hook enables 360° continuous rotation without jamming. ➤ Hydraulic balance valve; Hydraulic over-flow valve; Hydraulic double-way valve ➤ The load moment limiter (LMI) continuously monitors the lifting moment in real time and automatically restricts movement in case of overload. ➤ Auxiliary winch lifting hook for precise and rapid material lifting. ➤ Anti-two-block warning device. ➤ Dual slewing reducers with double-row ball slewing bearing; single-cylinder rope-synchronized dual-chamber horizontal outriggers; link-type automatic flip vertical outriggers; dual four-bar linkage mechanism.	
Advantages	
➤ The slewing system is driven by a slewing bearing and slewing reduction gearbox, ensuring smooth rotation and meeting various operating conditions. ➤ Main structural components upgraded to Q1100 and Q960; inner boom formed by bending; outer boom hexagonal with single weld seam. ➤ Single fixed-displacement pump system; superstructure equipped with a four-section electro-hydraulic proportional valve, chassis side with two DCV80IV multi-way valves; additionally integrated with electro-hydraulic directional and unloading valves, allowing superstructure/chassis control switching via panel-side buttons.	

Profile drawing and rated load

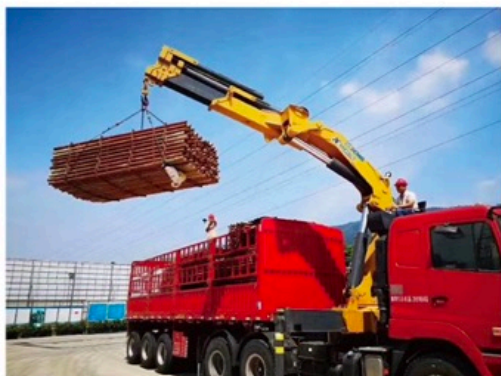


Loading Diagram





施工案例 CONSTRUCTION CASE



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