

XCMG Knuckle boom crane

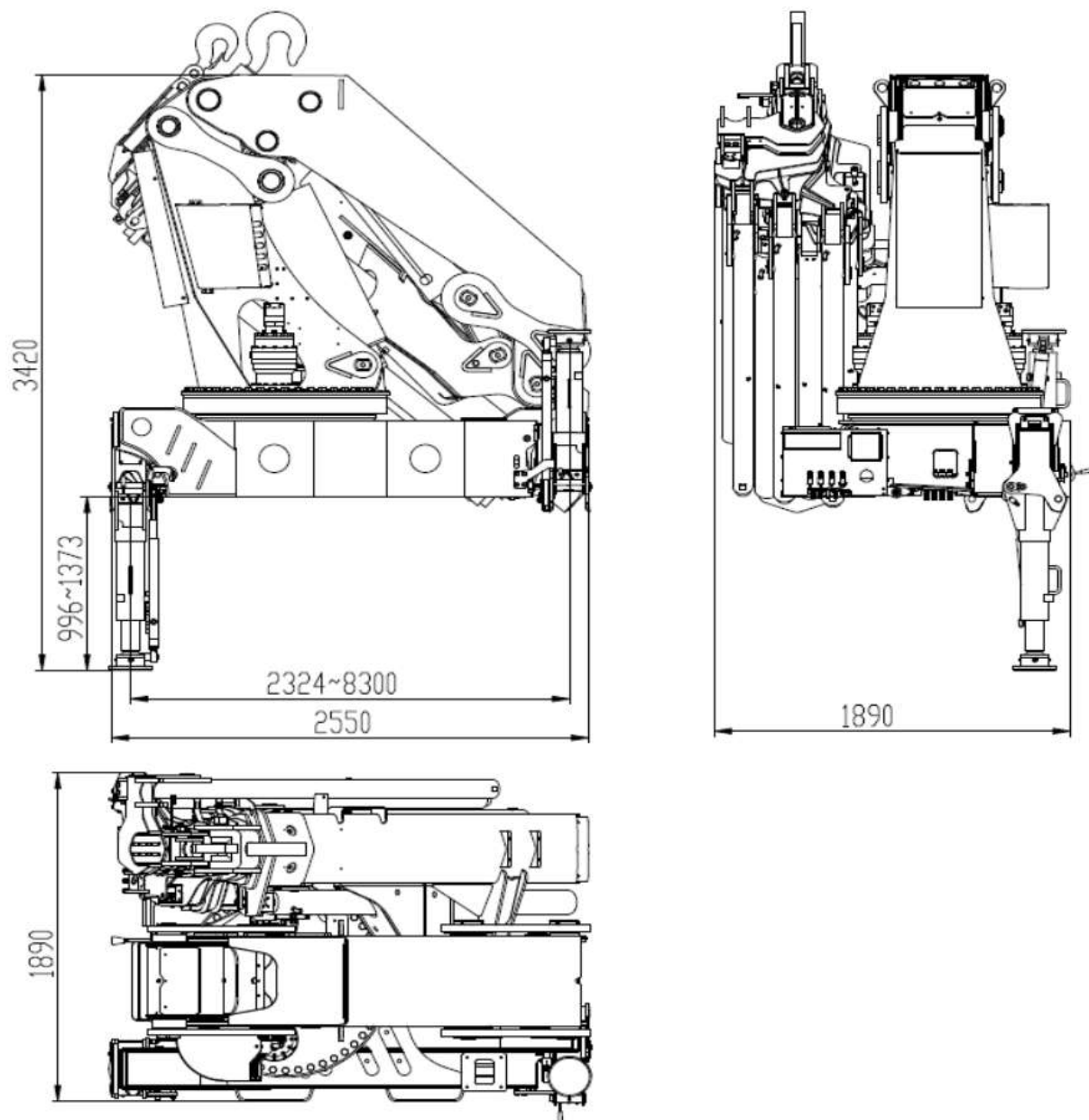


XCMG, the Leader of Truck Mounted Cranes, Aerial Working Platforms, Bridge Inspection Vehicles and Road Wreckers in China

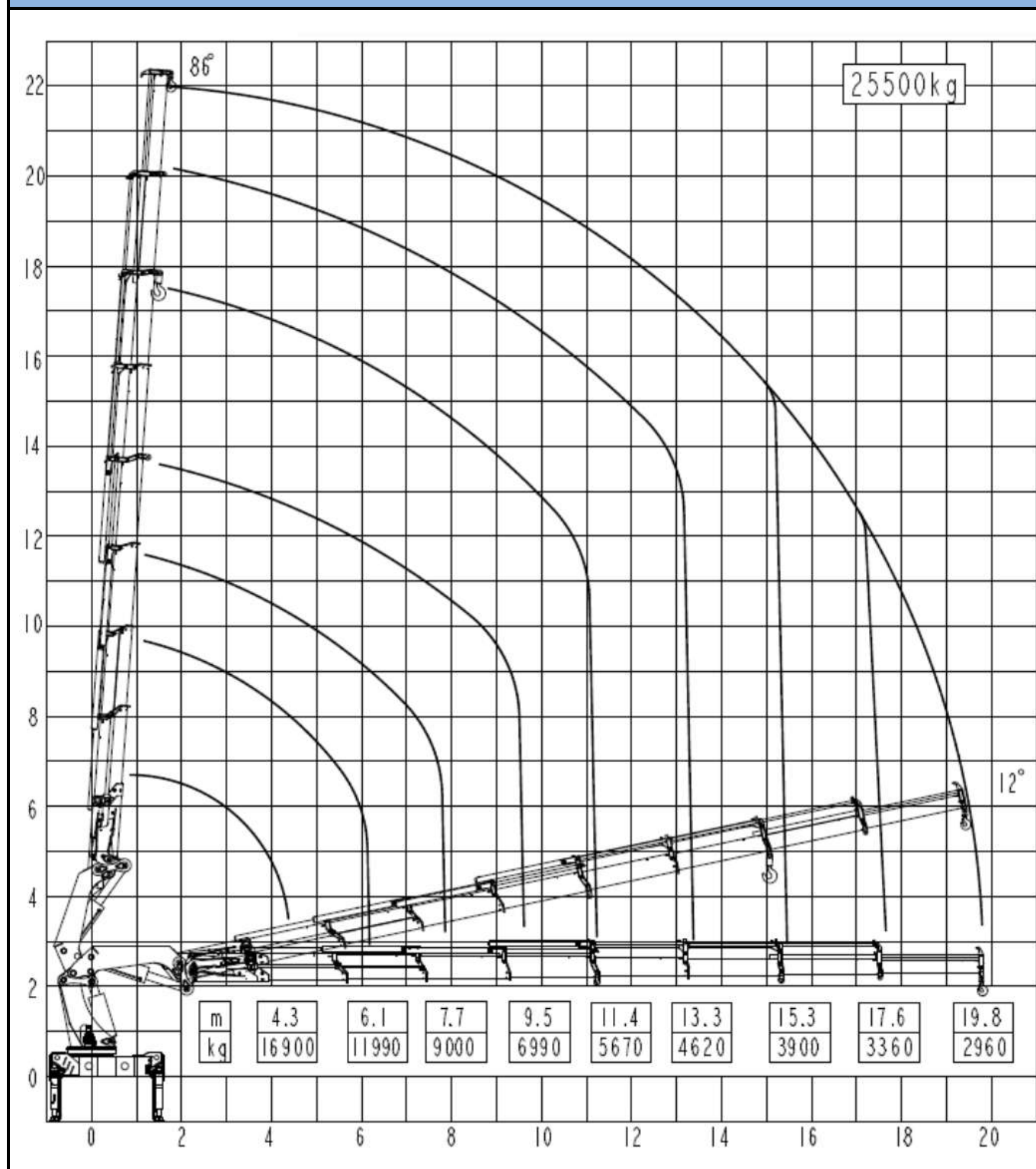
Technical Parameters

Item	Parameter
Brand	XCMG
Crane model	SQZ865EU
Max. lifting moment	734 mt
Max. lifting capacity	25,500 kg
Boom type	Hexagon, 8
Max. hydraulic outreach	19.8 m
Slewing angle	360° continuous
Outriggers type	Dual chamber two stage
Outriggers span	2,340~8,300 mm
Operation	Remote control & ground on both side
Max. pressure of hydraulic system	33 MPa
Recommended pump capacity	107 L/min
Crane weight	9,300 kg
Safety device	➤ Hydraulic balance valve; Hydraulic over-flow valve; Hydraulic double-way valve ➤ Hook safety latch, Level gauge etc. ➤ Double linkage system, improves the crane's motion geometry significantly ➤ High speed boom extension and retraction with Return Oil Utilization
Configuration	
➤ Equipped with dual hooks (25 t + 12 t) and a rotating hook, enabling 360° hook rotation without jamming. ➤ Dual high-torque reducers provide strong slewing power, reliable braking, smooth rotation, and safer operation. ➤ Dual four-bar linkage mechanism provides a larger luffing angle and smoother peak torque output. ➤ Single fixed-displacement pump system: the upper structure uses a four-section electro-hydraulic proportional valve, while two multi-way valves control the outriggers on each side. The boom extension adopts a regenerative balance valve with a sequence cylinder, significantly improving working efficiency.	

Profile drawing and rated load



Loading Diagram





施工案例 CONSTRUCTION CASE



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