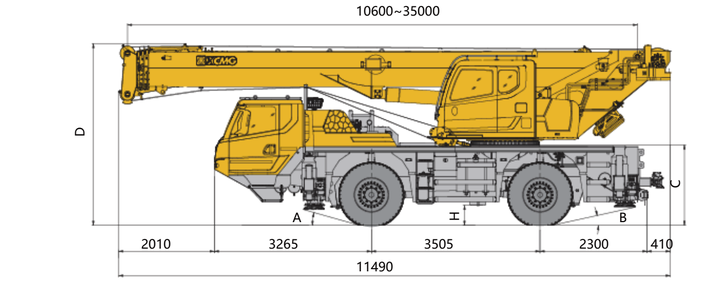
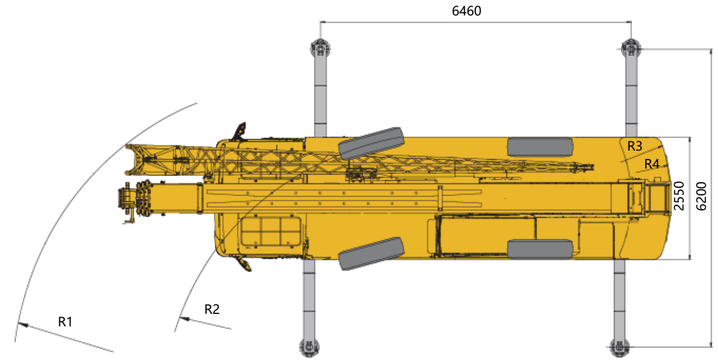
Dimension





Tight turning steering mode

	A (°)	B (°)	C (mm)	D (mm)	H (mm)	R1 (mm)	R2 (mm)	R3 (mm)	R4 (mm)
385/95R25 (14.00R25)	16	11	1675	3690	337	10000	7000	3450	3460
445/95R25 (16.00R25)	19	12	1725	3740	387	10000	7650	3450	3460

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Materials and specifications are subject to change without notice.
Featured machines in photos may include additional options.
Check with your XCMG dealer for the configuration.

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PRODUCT BROCHURE

CE



XCA40_E

ALL TERRAIN CRANE

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Highlights

Superb operating performance



- This 2-axle crane with 4-section main boom, is equipped with a new energy-saving hydraulic system which can improve the operating efficiency and accuracy.
- Thanks to its compact structure and various steering modes, XCA40_E is ideal for hoisting operation in narrow places.

All-axle steering, excellent maneuverability

- With 5 steering modes: on road driving, all-wheel steering, crab-walking, locked rear wheel steering and independent rear axle steering, the crane can ensure stable and reliable driving at high speeds and excellent maneuverability at low speeds.
- With all-wheel steering mode, XCA40_E can be very flexible with the min.turning diameter of only 9.7 m.





Low-speed, high-torque drivetrain

- The new drivetrain consists of a low-speed and high-torque engine and a transmission with high-speed ratio and over drive. It contributes to strong driving performance, high load-bearing capacity and better stability.
- XCA40_E can drive for a short distance carrying all the counterweights, which saves the transport cost for jib-site transition.

Technical Parameter

Dimensions

Length × Width × Height	11490×2550×3690 mm(14.0R25) 11490×2550×3740 mm(16.0R25)
Wheel base	3505 mm
Track	2131 mm(14.0R25)/2087 mm(16.0R25)
Tire specification	Standard: 385/95 R25 (14.00R25) Optional: 445/95 R25 (16.00R25)
Front/ Rear overhang	3265/2300 mm
Front/ Rear extension	2010/410 mm

On road/off road axle load

Total Weight						
≤24 t	385/95R25	4x4x4	≤12 t	10 t	1.3 t	×
≤23.7 t	445/95R25	4x4x4	≤12.6 t	5 t	1 t	×
≤30 t	445/95R25	4x4x4	≤16 t	10 t	6.5 t	9.5 m

Engine

Model	OM936LA,EU Stage V
Fuel tank capacity	260 L
Rated power	230 kW /1800 rpm
Max.output torque	1300 N.m/1400 rpm

Travel

Max. travel speed	≥80 km/h
Min. travel speed	3 km/h
Min. turning diameter (on road driving)	14 m (14.00R25) 15.3 m (16.00R25)
Min. ground clearance	337 mm (14.00R25) 387 mm (16.00R25)
Approach angle	16° (14.00R25) 19° (16.00R25)
Departure angle	11° (14.00R25) 12° (16.00R25)
Braking distance (at 30 km/h)	≤10 m
Grade ability	65 %(14.0R25) 60 %(16.0R25)
Fuel consumption/100 km	35 L

Hook block

Standard	5 t / 10 t / 25 t
Optoinal	40 t



Main performance

Max. rated lifting capacity	40 t
Min. rated working radius	2.5 m

Max. load moment

Base boom	1191 kN.m
Fully-extended boom	662 kN.m
Fully-extended boom + Jib	529 kN.m

Outrigger span

Longitudinal	6.46 m
Lateral	6.2 m

Hoist height

Base boom	10.4 m
Fully-extended boom	35.4 m
Fully-extended boom + Jib	42.7 m

Boom length

Base boom	10.6 m
Fully-extended boom	35 m
Fully-extended boom + Jib	44.5 m

Working speed

Boom raising from −1° to 81°	40 s
Boom fully extended	60 s
Max. slewing speed	2 rpm

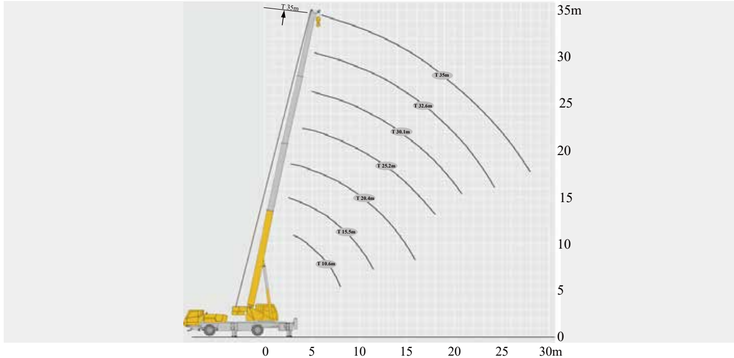
Hoisting speed

Main winch	130 m/min

Outrigger

Beam-Retracting	20 s
Beam-Extending	30 s
Jack-Retracting	40 s
Jack-Extending	50 s

Load/Height Chart





EN t

	10.6 m*	10.6 m	15.5 m	20.4 m	25.2 m	30.1 m	32.6 m	35 m	
2.5	40								2.5
3	35.4	30.6	19.7						3
3.5	32.9	28.2	20.2	17.5					3.5
4	29.8	25.6	20.6	18	15.1				4
4.5	26.7	23.5	21.2	18.3	15	12			4.5
5	24.3	21.6	21.3	18.8	14.9	11.9	9		5
6	20	18.5	19	18.7	13.4	10.8	9	7.9	6
7	15.6	15.4	16	15.5	12.1	9.5	8.9	7.9	7
8			13.3	13.2	11	8.7	8.1	7.3	8
9			11	11.2	10.1	7.9	7.3	6.8	9
10			9.2	9.4	9.3	7.3	6.7	6.2	10
11			7.9	8.1	8.2	6.8	6.3	5.8	11
12			6.8	7	7.2	6.2	5.8	5.4	12
13				6.2	6.3	5.9	5.5	5.1	13
14				5.5	5.6	5.3	5	4.8	14
15				4.9	5	5	4.7	4.5	15
16				4.4	4.5	4.6	4.4	4.1	16
17				3.9	4	4.1	4.1	3.8	17
18					3.7	3.7	3.8	3.6	18
19					3.3	3.4	3.4	3.4	19
20					3	3.1	3.1	3.1	20
21					2.8	2.8	2.8	2.9	21
22					2.5	2.6	2.6	2.6	22
23						2.4	2.4	2.4	23
24						2.2	2.2	2.2	24
25						2	2	2	25
26						1.8	1.8	1.9	26
27						1.6	1.7	1.7	27
28							1.5	1.6	28
29							1.4	1.4	29
30								1.3	30
31								1.2	31

*: over rear