



Basic information

Model

FK-08T

Wheel base

4400mm

Approach angle

18°

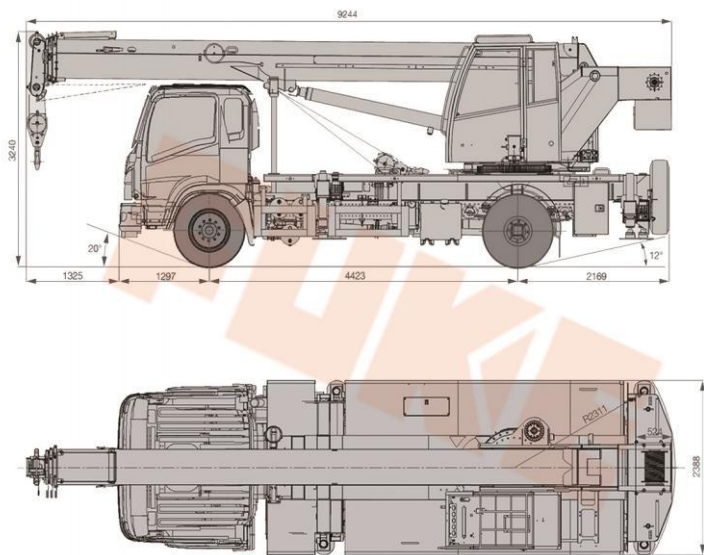
Departure angle

12°

Maximum grade

35%

Crane dimensions



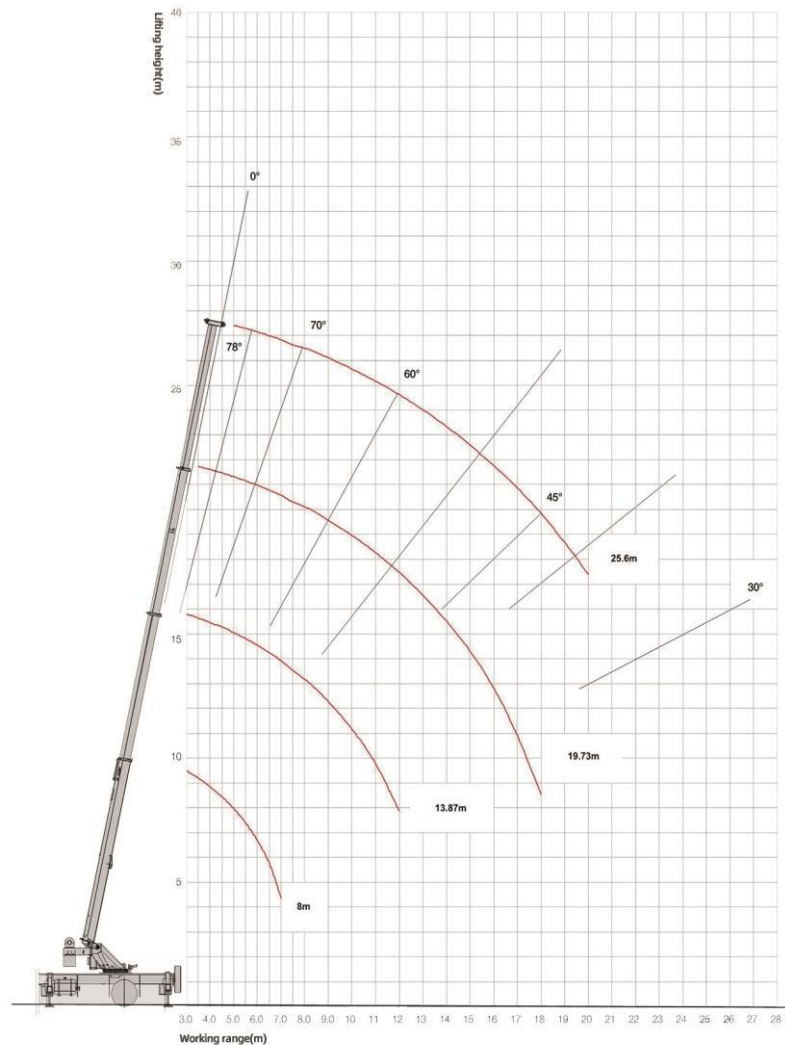
Main technical parameters



Overall length * width * height	9300*2400*3210 mm
Wheelbase	4400 mm
Engine model	Yuchai YC4E140
Engine rated output power	103/2600 Kw/rpm
Engine maximum output torque	800/(1200-1700) N.m/rpm
Total mass of the whole machine	12600 kg
Maximum travel speed	> 90 km/h
Minimum turning radius	8 m
Minimum ground clearance	260 mm
Approach angle	18 °
Departure angle	12 °
Braking distance (vehicle speed is 30km/h)	8 m
Maximum grade	35%
Fuel consumption per hundred kilometers	18 L
Maximum rated total lifting capacity	8 t
Minimum rated range	3 m
Maximum lifting moment	318/203 kN.m
Outrigger span (horizontal x longitudinal)	4.9x4.39 m
Lifting height (Basic boom/longest main boom)	9/26 m
Boom length(Basic boom/longest main boom)	8/25.6 m
Maximum speed of single rope of main winch (no load)	> 140 m/min
Boom fully extended/retracted time	32/35 s
Full lifting/falling time of boom	30/50 s
Swing speed	2 r/min
Horizontal outrigger full extension/retraction time	20/15 s
Vertical outrigger full retract/release time	20/15 s

*We follows the principle of continuous improvement Product performance parameters will be partially changed due to technical improvements without prior notice.

Lifting height curve of main and jib



Main boom performance table



Amplitude (m)	8	13.87	19.73	25.6	Amplitude (m)
3	8000				3
3.5	8000				3.5
4	7950	6200			4
4.5	6600	5800	5500		4.5
5	5700	5300	5200		5
5.5	5000	5000	5000		5.5
6	4500	4500	4500	3300	6
6.5		4000	4000	3100	6.5
7		3500	3800	2900	7
7.5		3200	3300	2700	7.5
8		2800	3000	2500	8
9		2300	2500	2200	9
10		1900	2100	2000	10
11		1600	1750	1700	11
12		1300	1500	1500	12
14			1150	1100	14
16			850	900	16
18				670	18
20				500	20
Magnification	6	6	4	3	Magnification

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