

FUKE 福客 **FK-25T**



Maximum rated total lifting capacity

25T

Maximum gradeability

44%

Total weight

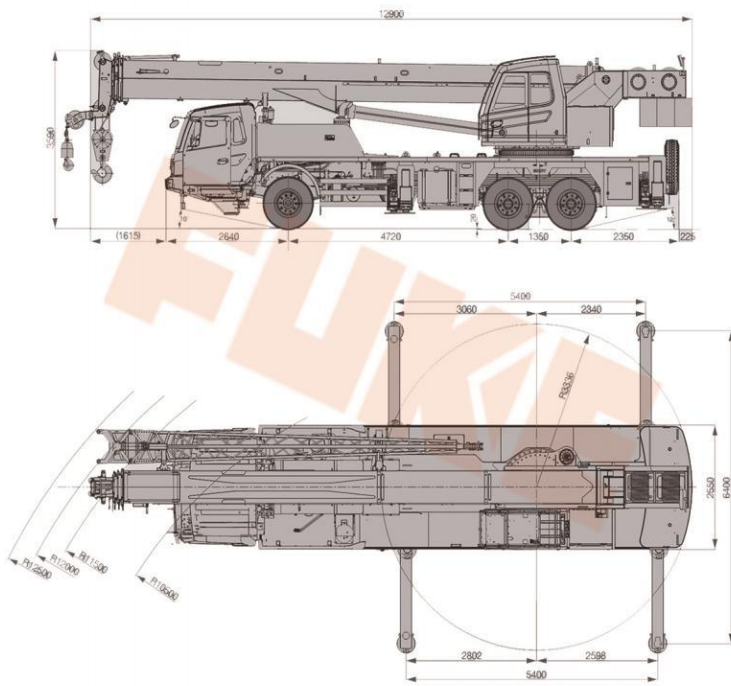
31300kg

FK-25T

Main action parameters

Main winch	Single rope speed 0-140m/min, diameter/length ϕ 16mm/165m, maximum single rope pulling force 5t
Vice winch	Single rope speed 0-140m/min, diameter/length ϕ 16mm/95m, maximum single rope pulling force 5t
Turn around	0-2.5 r/min
Fluctuation range	30s/50s (-2-80°)
Stretch	45s/45s (10.8m-35m)

Crane dimensions

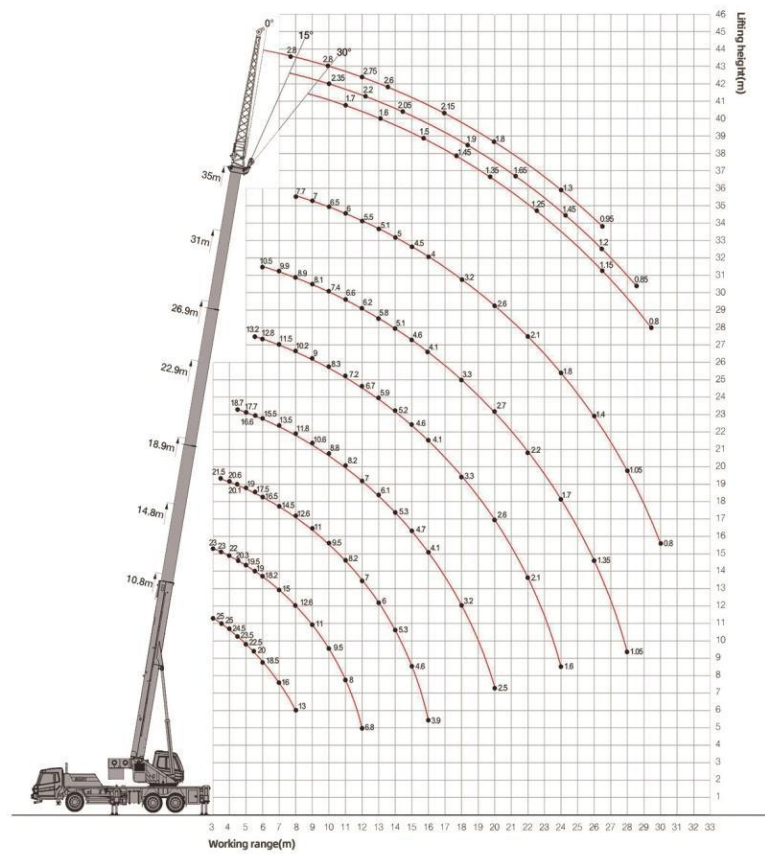


Main technical parameters

Overall length * width * height	12900*2500*3590 mm
Wheelbase	4720 mm
Engine model	Yuchai
Engine rated output power	199/2300 Kw/rpm
Engine maximum output torque	1160/(1200-1700) N.m/rpm
Total mass of the whole machine	31300 kg
Maximum travel speed	85 km/h
Minimum turning diameter	10.5 m
Minimum ground clearance	250 mm
Approach angle	10 °
Departure angle	12 °
Braking distance (vehicle speed is 30km/h)	≤10 m
Maximum grade	44%
Fuel consumption per hundred kilometers	31 L
Maximum rated total lifting capacity	25 t
Minimum rated range	3 m
Maximum lifting moment	1103/686 kN.m
Outrigger span (horizontal x longitudinal)	6.4x5.4 m
Lifting height (Basic boom/longest main boom)	11.3/35.5 m
Boom length(Basic boom/longest main boom)	10.8/35 m
Maximum speed of single rope of main winch (no load)	140 m/min
Boom fully extended/retracted time	45/45 s
Full lifting/falling time of boom	30/50 s
Swing speed	0-2.5 r/min
Horizontal outrigger full extension/retraction time	35/20 s
Vertical outrigger full retract/release time	35/20 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)	10.8	14.8	18.9	22.8	26.9	31	35
3	25000	23000					
3.5	25000	23000	21500				
4	24500	2000	20600				
4.5	23500	20300	20100	18700			
5	22500	19500	19000	17700			
5.5	20000	19000	17500	16600	13200		
6	18500	18200	16500	15500	12800	10500	
6.5	17200	16500	15800	14500	12100	10100	
7	16000	15000	14500	13500	11500	9900	
8	14500	14300	14000	12400	10800	9600	7700
9	13000	13500	12600	11800	10200	8900	7000
10		11500	11000	10600	9000	8100	6500
11		9600	9500	8800	8300	7400	6000
12		8000	8200	8200	7200	6200	5500
13		6800	7000	7000	6700	5800	5100
14			6000	6100	5900	5100	5000
16			4600	5300	5200	4600	4500
18			3900	4700	4100	4100	4000
20				4100	3300	3300	3200
22				3200	2600	2700	2600
24				2500	2100	2200	2100
26					1600	1700	1400
28						1350	1050
30						1050	800
Magnification	8	8	6	5	4	3	3