



Maximum rated total lifting capacity

100T

Engine rated power

297/2300 Kw/(r/min)

Max. climbing angle

45%

Maximum driving speed

102Km/h

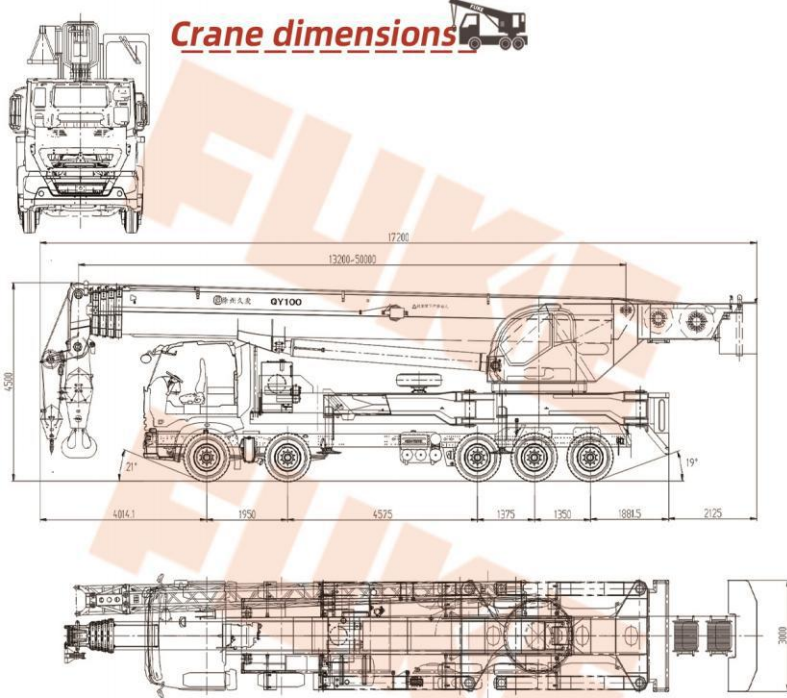
Total mass

54000kg

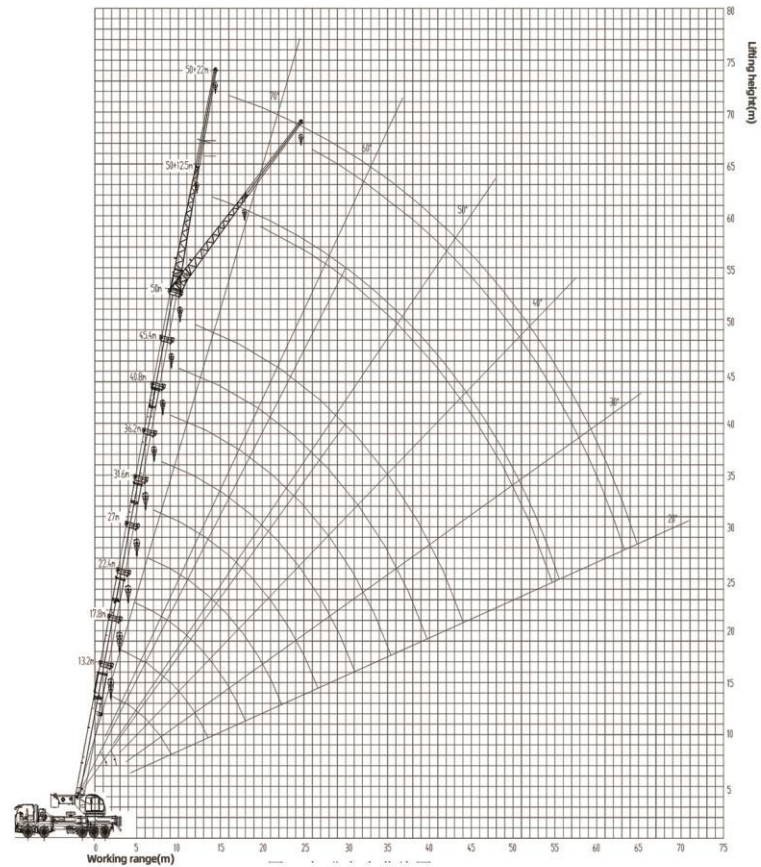
Rated working range

3m

Crane dimensions



Lifting height curve of main and jib



Main technical parameters

Overall length	17200 mm
Overall width	3000 mm
Overall height	4500 mm
Wheelbase	1950+4575+1375+1350 mm
Wheelbase (front/rear)	2022/1830 mm
Total mass	54000 kg
Engine rated power	297/2300 Kw/(r/min)
Maximum Engine Torque	1200/1200~1800 N.m(r/min)
Maximum driving speed	102 Km/h
Minimum turning diameter	24 m
Min. ground clearance	230 mm
Approach angle	21 °
Departure angle	19 °
Max. climbing angle	45 %
Max. rated gross lifting capacity	100 t
Rated working range	3 m
Max. lifting moment basic jib	3850 KN.m
Max. lifting moment longest main boom	1250 KN.m
Distance between outriggers longitudinal	9.265 m
Distance between outriggers transverse	8.35 m
Lifting height basic boom	13.7 m
Lifting height longest jib	50 m
Lifting height longest main boom + jib	72 m
Lifting boom length basic boom	13.2 m
Lifting boom length longest main boom	50 m
Jib length jib	72.5 m
Jib mounting angle	0、15、30 °

Main boom performance table

Amplitude (m)	13.2	17.8	22.4	27.0	31.6	36.2	40.8	45.4	50.0
Lifting weight Kg									
3	100000								
3.5	92300	70000							
4	86150	66150	55400						
4.5	81550	63100	51550						
5	76150	59250	49250	30750					
5.5	71550	56150	46150	30750					
6	65400	49250	43850	30750	30000				
7	56150	44600	39250	30750	28450	24750			
8	46900	40000	34600	30450	26150	22750	19850		
9	37700	34600	31550	27700	23850	20900	18300	15400	
10	30750	29250	26450	23850	21750	19250	16900	14300	
12		20750	18850	20000	18450	16600	14750	12450	10150
14		16150	14600	15000	15850	14450	12850	11000	8900
16			11150	11550	12300	11900	11250	9750	7900
18			8850	9450	10000	10400	9850	8700	7100
20				7700	8200	8450	8100	7750	6300
22				6300	6750	6900	7300	7000	5600
24					5600	5900	6150	5850	5000
26					4700	5000	5250	5250	4450
28						4100	4400	4600	4000
30						3450	3750	3850	3600
32							3150	3300	3100
34							2650	2850	2750
36								2300	2450
38								1900	2150
40									1750
42									1450
Magnificati on	14	11	8	5	5	4	3	3	3

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

Contact us:

Phone/Whatsapp:+8613505697380

Email:fk002@fukebn.com/fuke7380@gmail.com

FUKE

Anhui Fuke Heavy Industry Equipment Co., Ltd.