

Hydraulic crawler crane

**BORA 50** 





max.lifting capacity 50 tons



# Lifting Features

Table 1-1 Bora 50 Crawler crane boom operating performance detailed list

Boom length Work (m) scope(m)	13	16	19	22	25	28	31
3.7	50.00	B A TU	WILLIAM OF	III			
4.0	43.00	45.00	A LIA				1
4.5	36.00	37.00	37.50				
5.0	31.00	31.00	30.50	29.50			
5.5	26.50	27.30	27.00	27.00	26.00		
6.0	22.00	23.40	24.00	24.00	24.00	22.50	
7.0	19.00	19.00	19.00	19.00	19.50	18.80	18.50
8.0	15.50	15.50	16.00	16.00	15.80	15.20	15.00
10.0	11.00	12.00	11.50	11.50	11.40	11.50	11.30
12.0	9.00	9.50	9.50	9.00	8.90	8.80	8.60
14.0	N. C. H	7.50	7.50	7.50	7.30	7.40	7.10
16.0	32/7	1911	6.50	6.50	6.40	6.40	6.00
18.0	The same of			5.40	5.40	5.30	5.00
20.0	99010	1		4.60	4.50	4.30	4.20
22.0	Post Colors		III KIKW		3.80	3.70	3.50
24.0	WHAT	A357	11/1/11/11	0 /40	7: -1	3.50	3.00
26.0	3/1	1337//	MARK	1 Allendar	211	1118	2.80
28.0	1 3 A	1111	AV A	THE REAL PROPERTY.		100	
30.0	A VIII	MA	TO STATE			NA S	
32.0		- N.W	AVI				
34.0	Note	W MASS	MIN				1 9



## **Technical Data**

**Bora 50** Crawler Crane is designed on the base of accumulation of manufacturing experience for many years, in order to meet market demands and perfect crawler crane line. Excellent lifting capacity,360 ° full slewing operation and extensible crawlers are available. Main boom length is from 13m to 52m,fix jib length is from 9m to 13m.

#### Main Features

- 1.Open pump-controlled variable displacement hydraulic system, constant-power control. Close pump-controlled system for slewing operation, fine motion control and stable and reliable movements.
- 2. Four lattice boom sections, light weight, heavy load bearing capacity. Maximum main boom length is 52m. The combination of 52m main boom and 13m jib
- 3. Plug-in connections for crawlers and frame, easy assembly.
- 4.Black-box function of effective monitoring working condition data is convenient for trouble analysis and treatment.
- 5.Easy transport. Transport weight of max. part is not more than 31t. Transport weight of max. part is not more than 28t with crawlers removed.
- 6. With single top fixed, quick lifting of light load is available, and the working efficiency is improved.

Max.Rated Lifting Capacity 50000 kg Max. Hoisting Moment 1815 kN.m Main Boom 13-52 m Boom working angle 30-80 (°) 0-65 m/min Main lifting speed(single rope) Auxiliary lifting speed(single rope) 0-65 m/min Derricking speed 0-52m/min Max.Gradability 20 (°) 0-1.5 r/min Slewing Speed Max.Travel Speed 0-1.1 Km/h **Ground Pressure** 0.069 Mpa Max.Power of engline 117.6 kw Jib max 13 m Offset angle of jib 10/30 (°)



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Table 1-2Bora 50 Ci	rawler crane boom	operating performance	detailed list

Boom length Work (m) scope(m)	34	37	40	43	46	49	52	
3.7					/ben-	N		
4.0					/KHY			
4.5		THE REAL PROPERTY.	and the later of t	-	MEN.			
5.0			Auto	1	KI			
5.5		1	AND SERVICE SERVICES	40/1/2	12/0			
6.0		11			N 8		/En.	
7.0		1						
8.0	15.00	14.90		A				
10.0	11.20	11.00	10.80	10.70	10.40	10.30		٠.,
12.0	8.60	8.60	8.50	8.40	8.20	8.10	8.00	
14.0	7.00	6.80	6.50	6.60	6.50	6.30	6.20	
16.0	5.80	5.80	5.70	5.50	5.30	5.00	5.00	
18.0	4.70	4.60	4.50	4.40	4.30	4.20	4.10	100
20.0	4.10	4.00	3.80	3.80	3.70	3.50	3.30	
22.0	3.50	3.40	3.30	3.20	3.00	2.80	2.70	
24.0	2.90	3.00	2.80	2.60	2.50	2.30	2.10	
26.0	2.60	2.50	2.30	2.10	2.00	1.80	1.60	
28.0	33	2.10	1.90	1.80	1.60	1.40	1.20	
30.0	20	1.80	1.60	1.50	1.30	1.20	1.10	
32.0		1.50	1.50	1.30	1.10	1.00	0.90	
34.0		1 THE	1.40	1.20	1.00	0.90	0.80	



Table 2-1 Bora 50 Crawler crane jib operating performance detailed list

10	25	30									2.00	2.00	2.00	2.00	2.00
	15.25	-10+			3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.70
	20	30	1	1				2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
31	12.20	10		3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.50	3.05	2.70
V	15	30	7	Z	X	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.05	2.70
	9.15	10	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.05	2.70
	25	30	1	100		To g	2			2.00	2.00	2.00	2.00	2.00	
	15.25	10			3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
	20	30	Y	_	1	16		2.70	2.70	2.70	2.70	2.70	2.70	2.70	
	12.20	10	P	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.60	3.15	
	15	30		T	V	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.15	114
28	9.15	10	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.60	3.15	
1	15.25	30	2	4	-/	1				2.00	2.00	2.00	2.00		
	15.	10	de		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00		
25	12.20	30						2.70	2.70	2.70	2.70	2.70	2.70		
2	12	10		3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.70	7	
	15	30				3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	7	
	9.15	10	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.70		
length(m)	Jib length(m)	Jib offset angle Work (°) Scope (m)	6	10	11	12	13	14	15	16	18	20	22	24	26

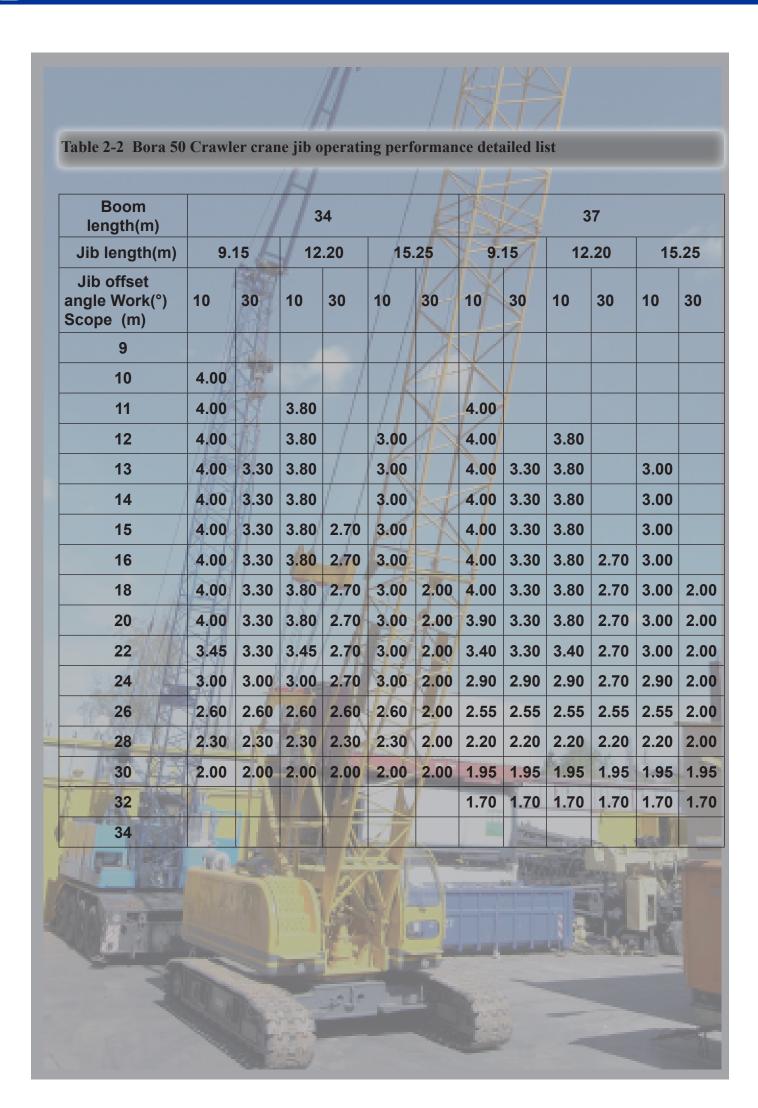




Table 2-3	Bora 50 Crawle	r crane jib operating	g performance	detailed list
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Boom length(m)	40 43												
Jib length(m)	9.	15	12	12.20		15.25		9.15		12.20		15.25	
Jib off- set angle Work(°) Scope (m)	10	30	10	30	10	30	10	30	10	30	10	30	
9				183						6			
10													
11	1466	1										2	
12	4.00	3	900				4.00						
13	4.00		3.80				4.00		3.80				
14	4.00	3.30	3.80		3.00		4.00		3.80		3.00		
15	4.00	3.30	3.80		3.00		4.00	3.30	3.80		3.00		
16	4.00	3.30	3.80	2.70	3.00		4.00	3.30	3.80		3.00	0 2 2 2	
18	4.00	3.30	3.80	2.70	3.00	2.00	4.00	3.30	3.80	2.70	3.00	9	
20	4.00	3.30	3.80	2.70	3.00	2.00	3.80	3.30	3.80	2.70	3.00	2.00	
22	3.80	3.30	3.30	2.70	3.00	2.00	3.20	3.20	3.20	2.70	3.00	2.00	
24	2.85	2.85	2.85	2.70	2.85	2.00	2.75	2.75	2.75	2.70	2.75	2.00	
26	2.45	2.45	2.45	2.45	2.45	2.00	2.40	2.40	2.40	2.40	2.40	2.00	
28	2.15	2.15	2.15	2.15	2.15	2.00	2.05	2.05	2.05	2.05	2.05	2.00	
30	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.80	1.80	1.80	1.80	1.80	
32	1.65	1.65	1.65	1.65	1.65	1.65	1.50	1.50	1.50	1.50	1.50	1.50	
34	1.40	1.40	1.40	1.40	1.40	1.40	1.30	1.30	1.30	1.30	1.30	1.30	
		1	34									4	



### Bora 50 Crawler crane part's show



1.Travel Gear



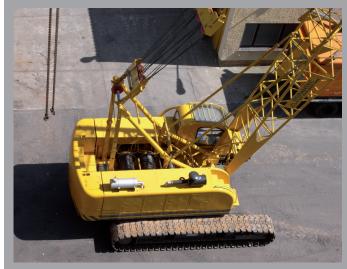
2.Safety devices



3. Slewing gear



4.Engine



5. Winch and elevation



6.Operator's cab







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