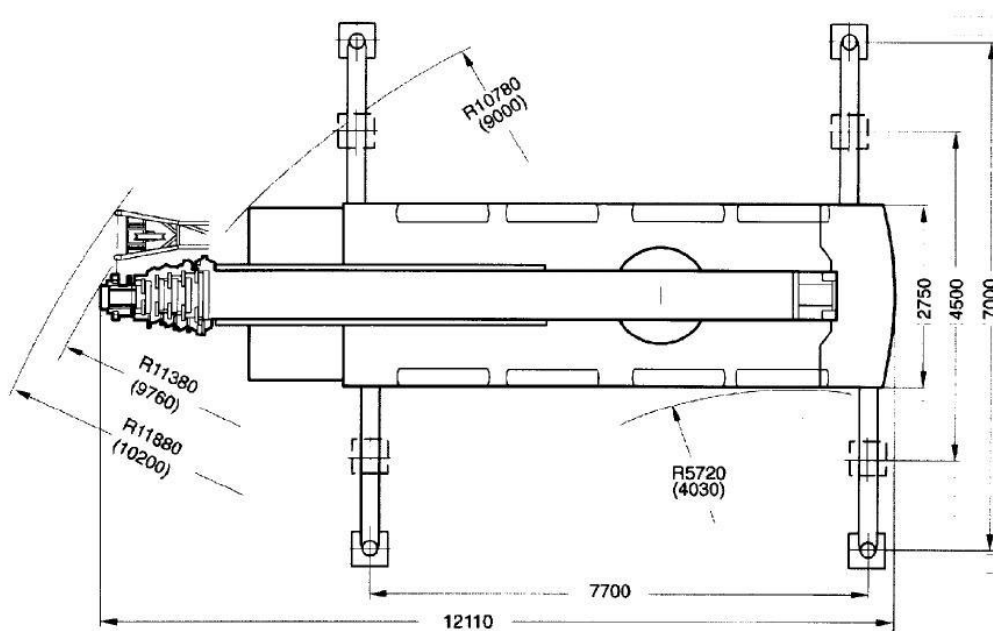
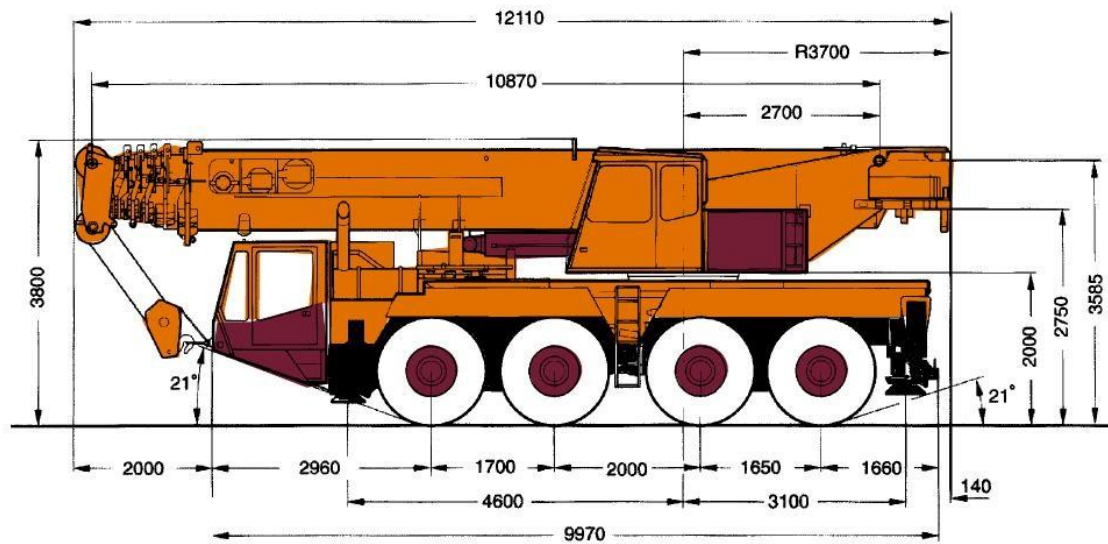


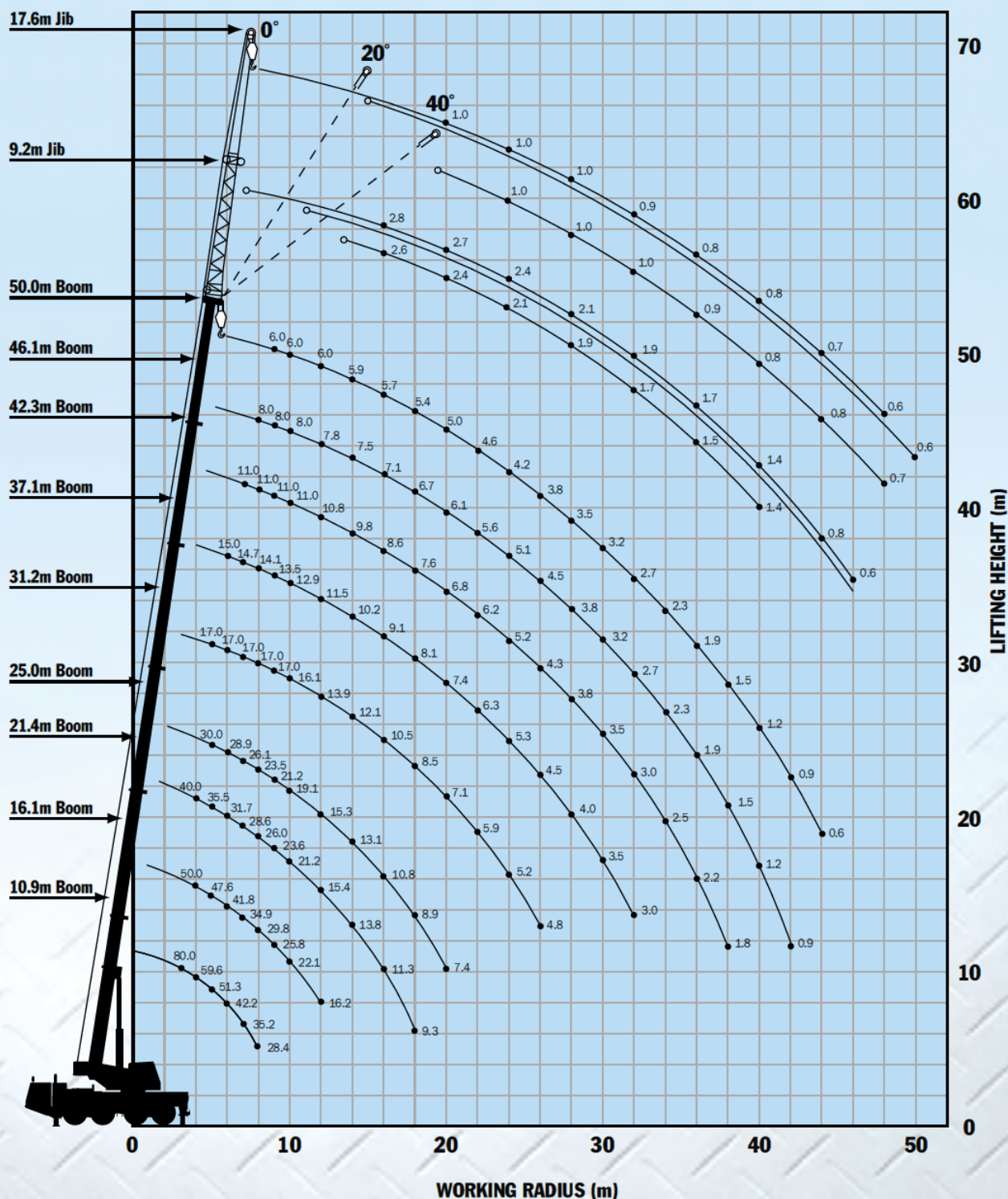
DEMAG AC 205 80t, 50m



GENERAL DIMENSIONS



WORKING RADIUS – LIFTING HEIGHT



General Dimensions and Specifications

Boom: 10.9m – 51.00m (five section full power boom)

Swingaway Bi-fold: 9.2/17.6m (offset: 0°/20°/40°)

Counterweight options: 5t, 8t, 18t

18t

Operating Radius (m)	Total Rated Loads – Main Boom Outriggers fully extended (360°)								
	10.9m	16.1m	21.4m	25.0m	31.2m	37.1m	42.3m	46.1m	50.0m
3.0	80.0*								
3.0	70.0								
3.5	64.7	50.0							
4.0	59.6	50.0	40.0						
4.5	55.2	50.0	38.0	30.0					
5.0	51.3	47.6	35.5	30.0	17.0				
6.0	42.2	41.8	31.7	28.9	17.0	15.0			
7.0	35.2	34.9	28.6	26.1	17.0	14.7	11.0		
8.0	28.4	29.8	26.0	23.5	17.0	14.1	11.0	8.0	
9.0		25.8	23.6	21.6	17.0	13.5	11.0	8.0	6.0
10.0		22.1	21.2	19.1	16.1	12.9	11.0	8.0	6.0
12.0		16.2	15.4	15.3	13.9	11.5	10.8	7.8	6.0
14.0			13.8	13.1	12.1	10.2	9.8	7.5	5.9
16.0			11.3	10.8	10.5	9.1	8.6	7.1	5.7
18.0			9.3	8.9	8.5	8.1	7.6	6.7	5.4
20.0				7.4	7.1	7.4	6.8	6.1	5.0
22.0					5.9	6.3	6.2	5.6	4.6
24.0					5.2	5.3	5.2	5.1	4.2
26.0					4.8	4.5	4.3	4.5	3.8
28.0						4.0	3.8	3.8	3.5
30.0						3.5	3.5	3.2	3.2
32.0						3.0	3.0	2.7	2.7
34.0							2.5	2.3	2.3
36.0							2.2	1.9	1.9
38.0							1.8	1.5	1.5
40.0								1.2	1.2
42.0								0.9	0.9
44.0									0.6

* over rear

8t

Operating Radius (m)	Total Rated Loads – Main Boom Outriggers fully extended (360°)								
	10.9m	16.1m	21.4m	25.0m	31.2m	37.1m	42.3m	46.1m	50.0m
3.0	80.0*								
3.0	70.0								
3.5	64.4	50.0							
4.0	59.3	50.0	40.0						
4.5	53.0	50.0	38.0	30.0					
5.0	46.8	46.5	35.5	30.0	17.0				
6.0	37.7	37.5	31.7	28.9	17.0	15.0			
7.0	31.3	30.9	28.6	26.1	17.0	14.7	11.0		
8.0	24.1	23.7	22.6	22.5	17.0	14.1	11.0	8.0	
9.0		19.0	17.9	17.9	17.0	13.5	11.0	8.0	6.0
10.0		15.6	16.9	16.0	16.1	12.9	11.0	8.0	6.0
12.0		11.0	12.7	12.2	11.8	11.5	10.8	7.8	6.0
14.0			9.7	9.1	8.8	9.3	9.2	7.5	5.9
16.0			7.6	7.1	7.4	7.5	7.1	7.1	5.7
18.0			6.1	5.6	6.4	6.1	6.0	5.8	5.4
20.0				4.4	5.3	4.9	4.9	4.6	4.6
22.0					4.3	3.9	3.9	3.7	3.7
24.0					3.6	3.2	3.2	2.9	2.9
26.0					2.9	2.5	2.5	2.3	2.3
28.0						2.0	2.0	1.7	1.7
30.0						1.6	1.6	1.3	1.3
32.0						1.2	1.2	0.9	0.9
34.0							0.9		
36.0							0.6		

* over rear