



Height (m)	Reach (m)											
	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	
12.0								3.000				
								5.550				
10.5							4.950	3.950	2.800			
							7.250	6.400	5.300			
9.0							5.950	4.900	3.700	2.350		
							7.750	7.000	6.050	4.850		
7.5							7.050	5.850	4.550	3.150		
							8.700	8.150	7.450	6.550	5.450	
6.0				9.500	8.850	8.300	7.850	6.900	5.400	3.900		
				9.650	9.350	8.950	8.400	7.750	6.900	5.850		
4.5	13.550	12.150	11.050	10.150	9.400	8.750	8.200	7.700	6.300	4.550	2.750	
	9.750	9.850	9.850	9.700	9.450	9.050	8.550	7.900	7.100	6.100	4.850	
3.0	14.850	13.200	11.850	10.800	9.900	9.150	8.550	8.000	7.150	5.150	3.150	
	9.700	9.850	9.850	9.700	9.500	9.100	8.600	8.000	7.200	6.200	4.950	
1.5	16.000	14.100	12.600	11.400	10.400	9.600	8.900	8.300	7.750	5.600	3.350	
	9.700	9.850	9.850	9.700	9.450	9.100	8.600	7.950	7.150	6.150	4.900	
0.0	16.950	14.850	13.250	11.900	10.850	9.950	9.150	8.500	7.950	5.850		
	9.800	9.850	9.800	9.650	9.400	9.000	8.450	7.800	7.000	5.950		
-1.5	17.550	15.400	13.700	12.300	11.150	10.200	9.400	8.650	8.050	5.800		
	9.850	9.850	9.750	9.550	9.250	8.800	8.250	7.550	6.700	5.650		
-3.0	17.850	15.700	13.950	12.550	11.350	10.350	9.500	8.750	8.050	5.250		
	9.850	9.800	9.650	9.400	9.000	8.550	7.950	7.200	6.250	5.100		
-4.5	17.800	15.700	14.000	12.600	11.400	10.400	9.500	8.700	8.000			
	9.800	9.650	9.400	9.100	8.650	8.150	7.450	6.650	5.650			
-6.0	17.450	15.450	13.800	12.450	11.250	10.200	9.300	8.500				
	9.600	9.350	9.050	8.700	8.200	7.600	6.850	5.900				
-7.5	16.750	14.900	13.350	12.000	10.850	9.850	8.900	8.000				
	9.250	8.950	8.550	8.100	7.550	6.850	6.000	4.950				
-9.0	15.650	13.950	12.550	11.250	10.150	9.100	8.150					
	8.700	8.300	7.850	7.300	6.650	5.850	4.650					
-10.5	14.050	12.600	11.300	10.100	9.000							
	7.900	7.450	6.900	6.250	5.450							
-12.0	11.850	10.600	9.450	8.300								
	6.850	6.300	5.650	4.850								

LEGEND OF CHART  
 Lifting Capacity.  
 Digging Force.

ZX870 Long Reach 21m		
1	Superstructure Std.	19.58t
2	Track centre frame Std.	7.83t
3	Right frame Std. track guard	11.19t
4	Left frame Std. track guard	11.19t
5	Boom cylinder (2 pcs.)	1.70t
6	Boom long reach (12m)	9.10t
7	Arm cylinder (1 pcs.)	2.00t
8	Arm with bucket cylinder & link (9m)	5.85t
9	Counterweight Std.	13.33t
10	Additional counterweight	10.38t
11	Bucket	2.60t
<b>Total weight</b>		<b>94.75t</b>

Title: ZX870 Long Reach 21m

Client: AMS Internal

Project: AMS Internal

Project ID: AMS-AD-TD-21-013

Drawing ID: AMS-AD-TD-21-013-002

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Units: mm Scale: 1 : 40

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