

E-Crane[®] Capacity Charts

700 Series

Model 4198

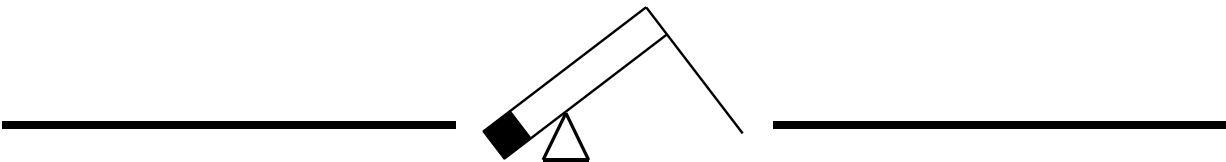
Model 4208

Model 4248

Model 4264

Model 6317





E-Crane[®] Capacity Charts

700 Series

Model 4248

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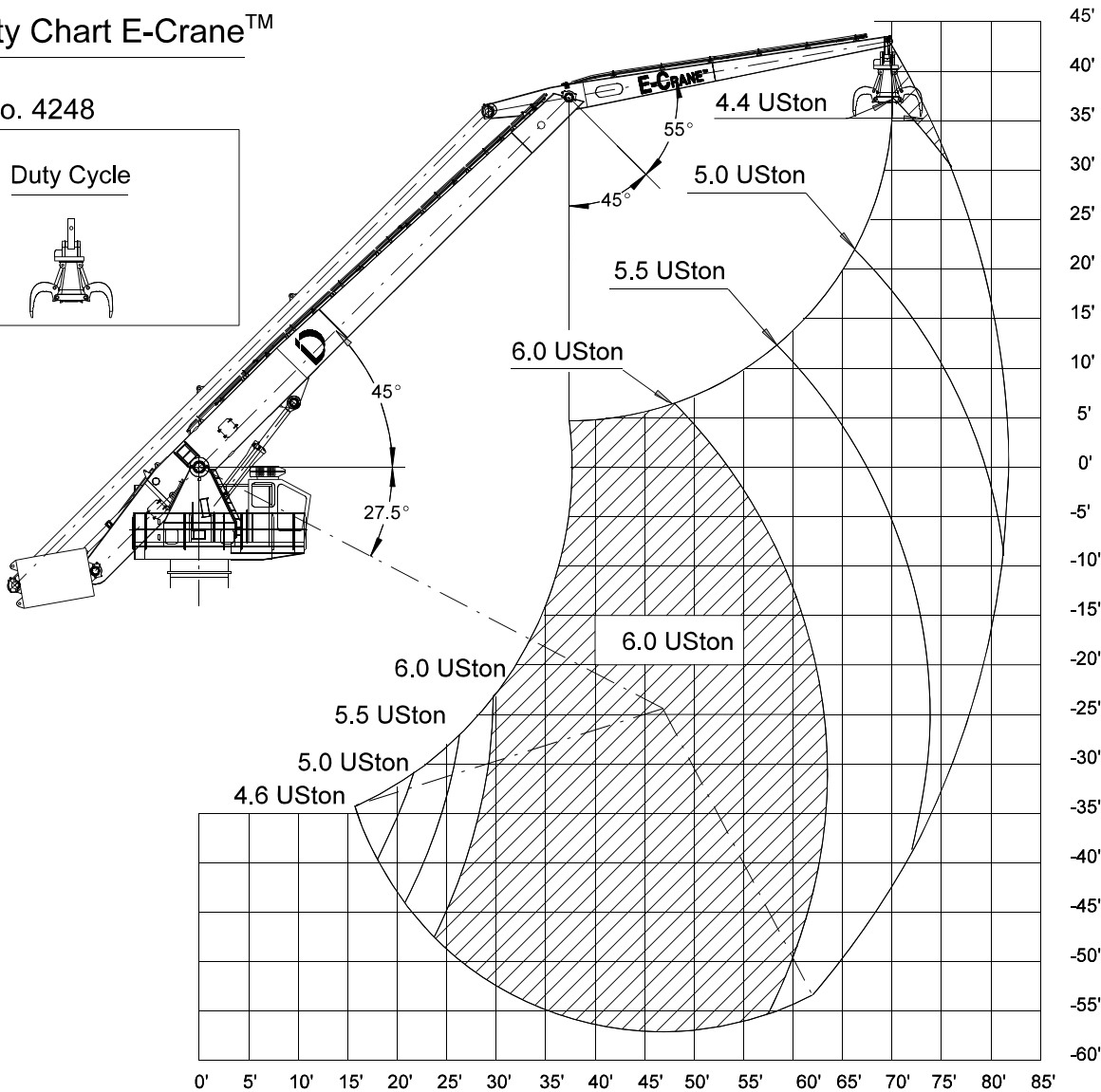
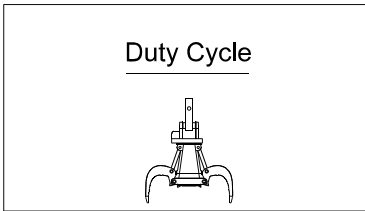
E-Crane[®] 4248

DUTY CYCLE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane[™]

Model No. 4248

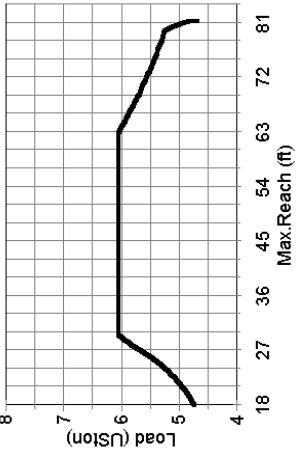


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E-Crane® 4248

CAPACITY CHART (USton) / Duty Cycle Operation																						
E-Crane 4248																						
HEIGHT Relative to BOOM- PIN (ft)	REACH (ft)																					
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81
36																	4,40					
33																	4,41					
30																	4,50	4,43	4,40			
27																	4,60	4,50	4,42			
24																	4,71	4,58	4,48			
21																	5,03	4,85	4,68	4,56	4,44	
18																	5,25	4,98	4,82	4,65	4,50	
15																	5,28	5,19	4,94	4,75	4,58	
12																	5,33	5,33	5,26	5,13	4,85	4,65
9																	5,46	5,39	5,33	5,26	5,13	4,85
6	5,52	5,70	5,61	5,52	5,45	5,38	5,32	5,26	4,98	4,75												
3	5,61	5,78	5,68	5,58	5,48	5,39	5,32	5,26	4,98	4,68												
0	5,75	5,86	5,75	5,63	5,54	5,45	5,36	5,28	5,08	4,78												
-3	5,83	5,95	5,83	5,70	5,58	5,48	5,39	5,32	5,19	4,82												
-6	5,89	6,04	5,89	5,75	5,63	5,52	5,43	5,33	5,26	4,90												
-9	5,95	6,05	6,05	6,05	6,05	6,05	5,80	5,56	5,46	5,36	5,28											
-12	6,05	6,05	6,05	6,05	6,05	6,05	6,01	5,86	5,73	5,61	5,50	5,29										
-15	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,92	5,78	5,65	5,52	5,41	5,30								
-18	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,95	5,80	5,68	5,54	5,43	5,30								
-21	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,83	5,70	5,56	5,43	5,30								
-24	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,86	5,70	5,56	5,43	5,30								
-27	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,86	5,70	5,56	5,43	5,30								
-30	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,86	5,70	5,56	5,41	5,30								
-33	5,37	5,44	5,51	5,88	6,05	6,05	6,05	6,05	6,05	6,05	5,86	5,70	5,54	5,42								
-36	4,98	5,13	5,51	5,94	6,05	6,05	6,05	6,05	6,05	6,05	5,86	5,70	5,52	5,40								
-39	4,98	5,31	5,66	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,83	5,68	5,52	5,40								
-42	5,44	5,82	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,83	5,65	5,52	5,40								
-45	6,00	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,98	5,78	5,58	5,46								
-48	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,92	5,73	5,52	5,40								
-51	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,86	5,75	5,52	5,40								
-54	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	6,05	5,98	5,75	5,52	5,40								



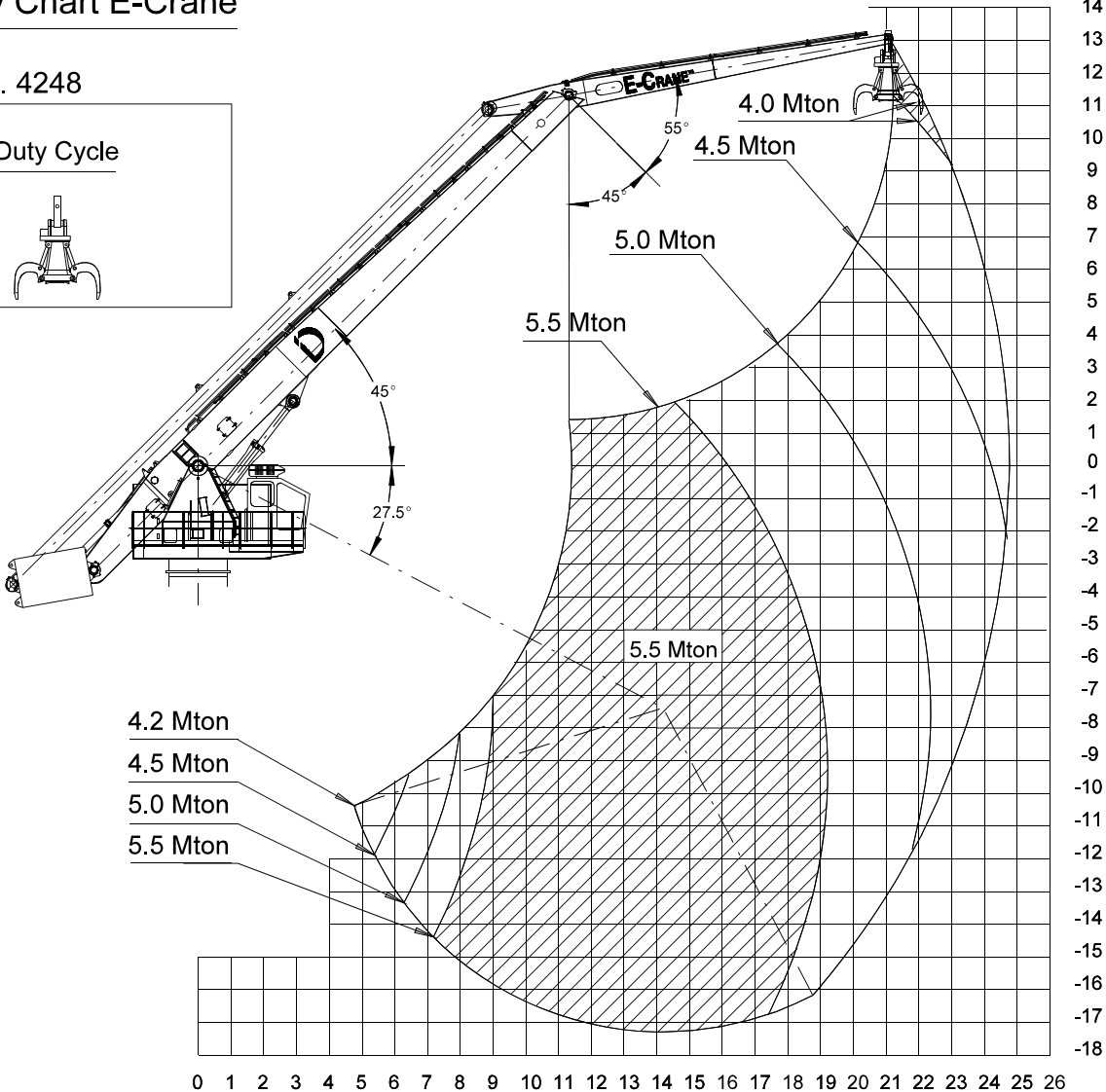
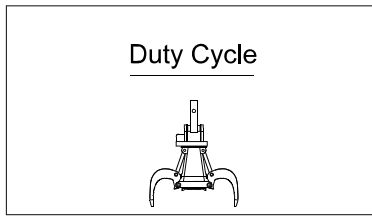


E-Crane® 4248

Load Chart (Mton/m)

Capacity Chart E-Crane™

Model No. 4248



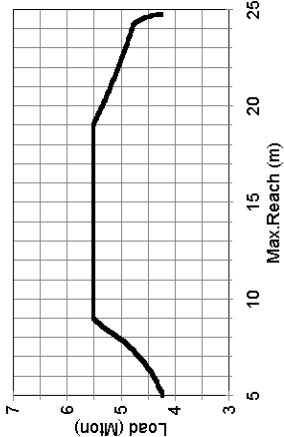
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E-Crane® 4248

CAPACITY CHART (Mton) / Duty Cycle Operation E-Crane 4248																									
HEIGHT Relative to BOOM- PIN (m)		REACH (m)																							
		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
12																									
11																									
10																									
9																									
8																									
7																									
6																									
5																									
4																									
3																									
2																									
1																									
0																									
-1																									
-2																									
-3																									
-4																									
-5																									
-6																									
-7																									
-8																									
-9																									
-10																									
-11																									
-12																									
-13																									
-14																									
-15																									
-16																									
-17																									

Max. Reach (m)	Load (Mton)
5	4.2
10	5.2
15	5.2
20	6.2
25	6.5





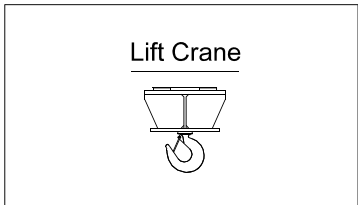
E-Crane® 4248

LIFT CRANE OPERATION

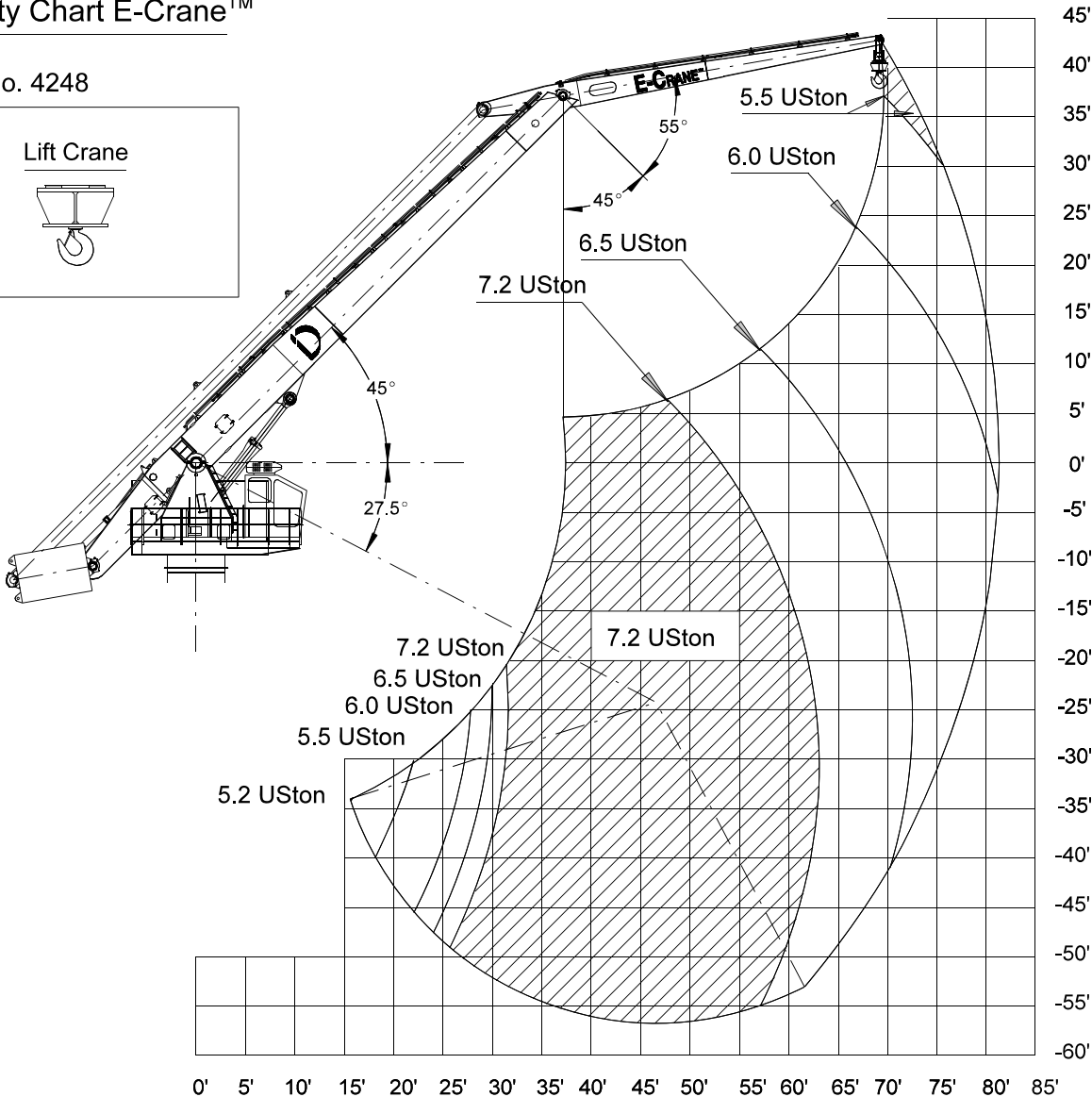
Load Chart (USton/ft)

Capacity Chart E-Crane™

Model No. 4248



Lift Crane



Docnr.:ALI2002-039



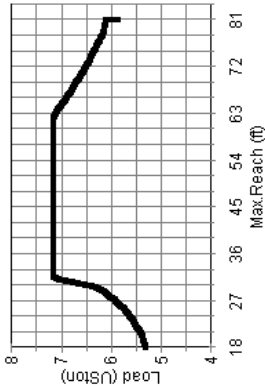
E-Crane® 4248

CAPACITY CHART (USton) / Lift Crane Operation

E-Crane 4248

BOOM- PIN (ft)	REACH (ft)																				
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78
36																					
33																					
30																					
27																					
24																					
21																					
18																					
15																					
12																					
9																					
6																					
3																					
0																					
-3																					
-6																					
-9																					
-12																					
-15																					
-18																					
-21																					
-24																					
-27																					
-30																					
-33																					
-36																					
-39																					
-42																					
-45																					
-48																					
-51																					
-54																					

Max.Reach (ft)	Load (Usion)
18	5.5
21	7.0
24	7.0
27	7.0
30	7.0
33	7.5
36	7.5
39	7.5
42	7.5
45	7.5
48	7.5
51	7.5
54	7.5
57	7.5
60	7.5
63	7.5
66	7.5
69	7.5
72	7.5
75	7.5
78	7.5
81	7.5



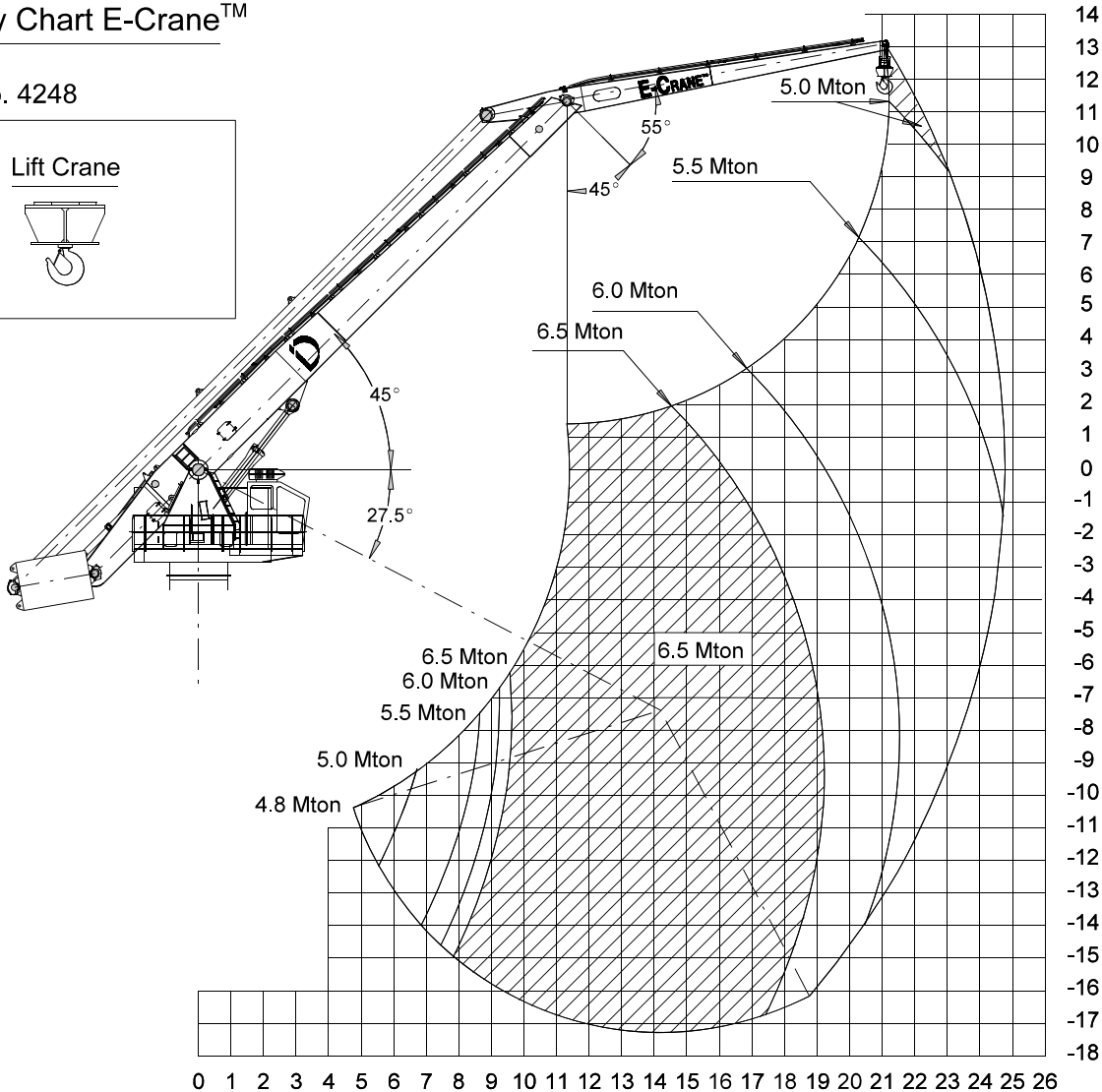
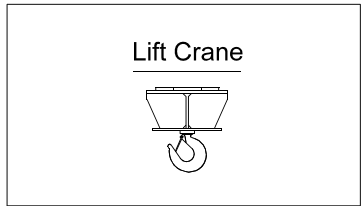


E-Crane® 4248

Load Chart (Mton/m)

Capacity Chart E-Crane™

Model No. 4248



Docnr.:ALI2002-040



E-Crane® 4248

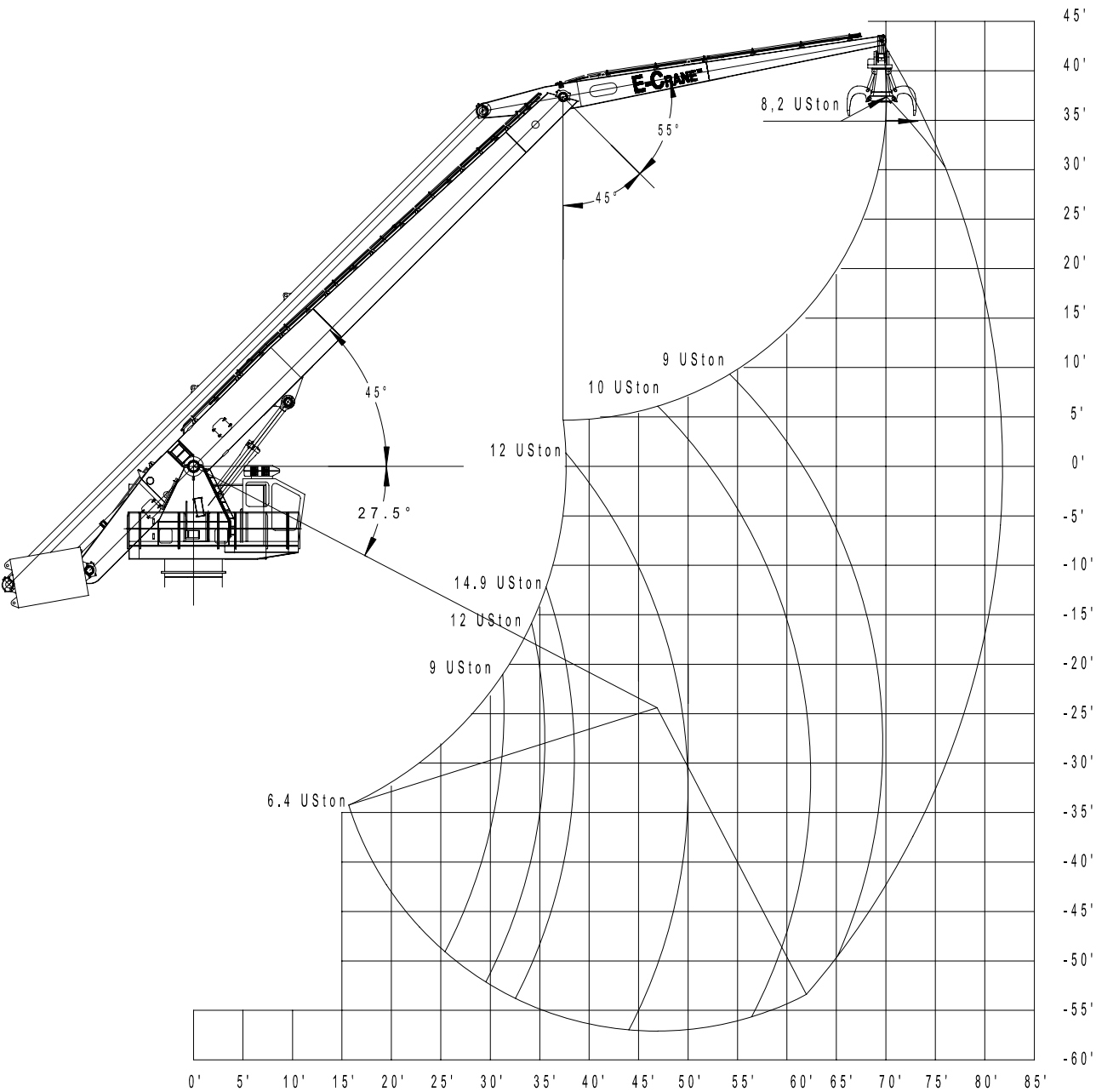
CAPACITY CHART (Mton) / Lift Crane Operation E-Crane 4248																				
HEIGHT Relative to BOOM- PIN (m)	REACH (m)																			
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
12																				
11																	5,00			
10																	5,01			
9																	5,05	5,03		
8																	5,13	5,26		
7																	5,26	5,13	5,03	
6																	5,39	5,23	5,09	
5																	5,55	5,36	5,20	5,05
4																	5,57	5,52	5,32	5,11
3																	5,64	5,58	5,43	5,20
2																	5,71	5,63	5,55	5,32
1																	5,88	5,77	5,60	5,43
0																	5,96	5,84	5,64	5,55
-1																	6,04	5,91	5,70	5,56
-2																	6,18	5,98	5,73	5,57
-3																	6,28	6,12	5,86	5,63
-4																	6,38	6,21	5,91	5,77
-5																	6,45	6,28	5,91	5,77
-6																	6,50	6,34	6,01	5,86
-7																	6,50	6,34	6,01	5,86
-8																	6,50	6,42	6,04	5,88
-9																	6,50	6,45	6,04	5,88
-10																	6,50	6,49	6,06	5,91
-11																	6,50	6,50	6,28	5,93
-12																	6,50	6,50	6,31	5,93
-13																	6,50	6,50	6,31	5,93
-14																	6,50	6,50	6,31	5,91
-15																	6,50	6,50	6,31	5,91
-16																	6,50	6,50	6,28	5,86
-17																	6,49	6,24	6,04	
																	6,45	6,21	5,96	
																	6,38	6,12		
																	6,50	6,50	6,42	
																	6,50	6,50		
																	6,50	6,50		
																	6,50	6,50		
																	6,50	6,50		
																	6,50	6,50		
																	6,50	6,50		
																	6,50	6,50		
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																	6,50	6,50		
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																	6,50	6,50		
																	6,50	6,50		
																	6,50	6,50		
																	6,50	6,50		
																	6,50			



E-Crane® 4248

ISO10567 RATINGS

Load Chart (USton/ft)



Dwg ALI2009-001



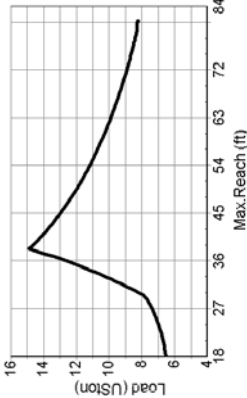
E-Crane® 4248

CAPACITY CHART (USton) / ISO 10567 Ratings
E-Crane 4248-CRD

HEIGHT Relative to BOOM- PIN (ft)	REACH (ft)															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
36																
33																
30																
27																
24																
21																
18																
15																
12																
9																
6																
3																
0																
-3																
-6																
-9																
-12																
-15																
-18																
-21																
-24																
-27																
-30																
-33																
-36																
-39																
-42																
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-51																
-54																

E-Crane 4248-CRD

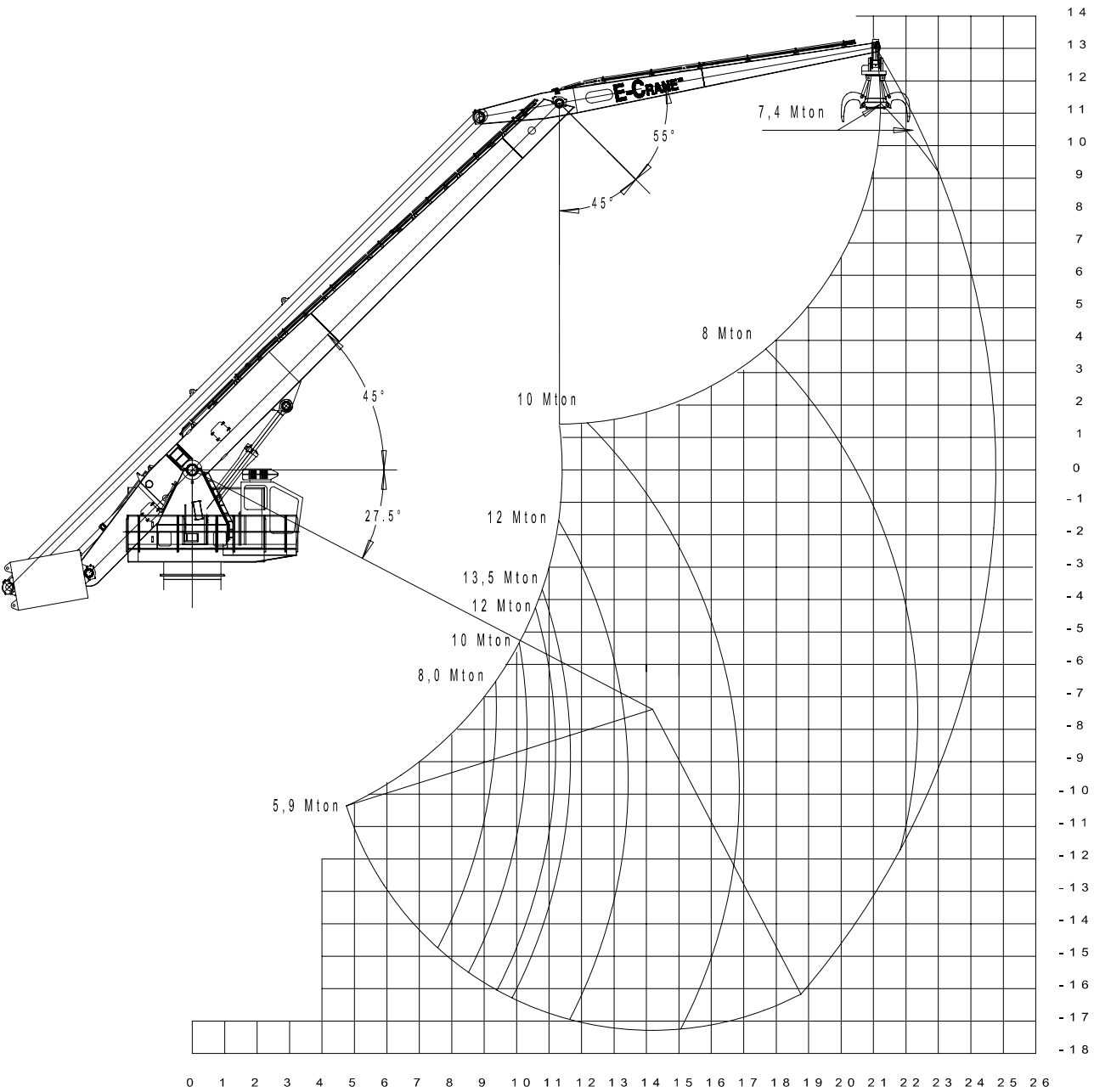
ISO 10567 Load = f(Reach)





E-Crane® 4248

Load Chart (Mton/m)



Dwg ALI2009-002



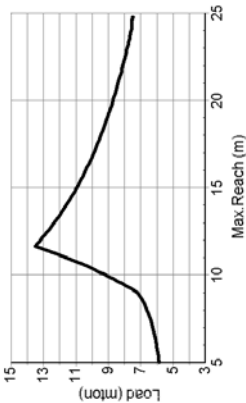
E-Crane® 4248

CAPACITY CHART (Mton) / ISO 10567 Ratings																			
HEIGHT Relative to BOOM- PIN (m)		E-Crane 4248-CRD																	
		REACH (m)																	
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
12																			
11																	7,44		
10																7,46	7,44		
9																7,50	7,47	7,45	
8																7,53	7,49	7,47	7,44
7																7,55	7,52	7,49	7,45
6														7,67	7,57	7,57	7,54	7,50	7,47
5														7,94	7,78	7,67	7,54	7,50	7,47
4													8,24	8,08	7,90	7,64	7,56	7,53	7,49
3													8,41	8,19	8,04	7,72	7,59	7,54	7,50
2													8,60	8,36	8,15	7,97	7,67	7,56	7,52
1													8,76	8,50	8,28	8,08	7,90	7,75	7,53
0													8,93	8,65	8,41	8,19	8,00	7,81	7,64
-1													9,11	8,81	8,55	8,32	8,08	7,87	7,69
-2													9,30	8,93	8,65	8,41	8,15	7,94	7,75
-3													9,44	9,11	8,76	8,50	8,24	8,00	7,78
-4													9,58	9,17	8,87	8,55	8,28	8,04	7,81
-5													9,73	9,30	8,93	8,60	8,32	8,08	7,84
-6													9,80	9,37	8,99	8,65	8,36	8,12	7,84
-7													9,88	9,44	9,05	8,71	8,41	8,12	7,84
-8													9,88	9,44	9,05	8,71	8,41	8,08	7,81
-9													9,88	9,44	9,05	8,71	8,36	8,08	
-10													9,88	9,44	9,05	8,65	8,32	8,00	
-11													9,80	9,37	8,99	8,60	8,28		
-12													9,73	9,30	8,93	8,55	8,15		
-13													9,65	9,23	8,81	8,41			
-14													9,51	9,05	8,65				
-15													9,30	8,87					
-16													9,30	8,87					
-17													9,30	8,87					

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E-Crane 4248-CRD

ISO 10567 Load = f(Reach)





E-Crane® 4248

SPECIFICATIONS

	Specifications English (**)	Specifications Metric (**)
Operating Range:		
Minimum Outreach Range (from centerline of rotation)	15'-7"	4,750 m
Maximum Outreach (from centerline of rotation)	81'-3.3/16"	24,769 m
Downreach Range (below main boom pivot point)	56'-8.5/8"	17,288 m
Lifting Range (vertical lift)	99'-5.3/4"	30,321 m
Boom Operating Angles (above and below horizontal)	+45°/-27.5°	+45°/-27.5°
Stick Operating Angles (befor and after vertical)	+55°/-45°	+55°/-45°
Degrees of Rotation	360° continuous	360° continuous
Power:		
Power Supply	3-Phase 480 Volts AC, 60 Hz	3-Phase, 380 Volts AC, 50Hz
Electrical Motor	150 hp	110 kW
Hydraulic Pump Output		
Implement	101.7 gpm	385 L/min
Swing	29.4 gpm	112 L/min
Hydraulic System Relief Setting	3,625 psi	25.000 kPa
Hydraulic Tank Refill Capacity	300 USgal	1.135 L
Dimensions:		
Boom Length	52'-5.15/16"	16 m
Stick Length	32'-5.3/4"	9,9 m
Total Weight Superstructure (*)	159,500 lbs	72.500 kg

(*) Operating weight does not include lubricants, hydraulic oil, bucket and operator

(**) Materials and specifications are subject to change without notice.

See your E-Crane™ dealer for available options.