

E-Crane[®] Capacity Charts

1000 Series

Model 7248

Model 7264

Model 7290

Model 7317

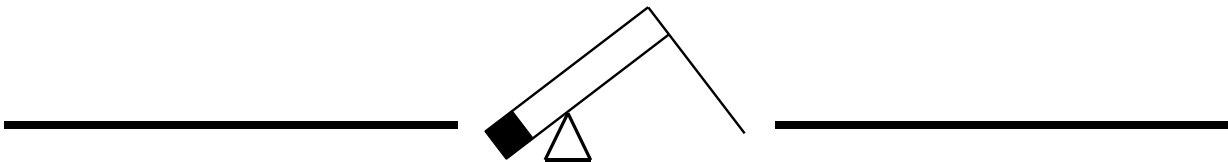
Model 7359

Model 7382

Model 7421

Model 7450





E-Crane[®] Capacity Charts
1000 Series
Model 7450

CONTENTS

DUTY CYCLE OPERATION 3
 Load Chart (USton/ft) 3
 Load Chart (Mton/m) 5
LIFT CRANE OPERATION 7
 Load Chart (Uston/ft) 7
 Load Chart (Mton/m) 9
SPECIFICATIONS 11





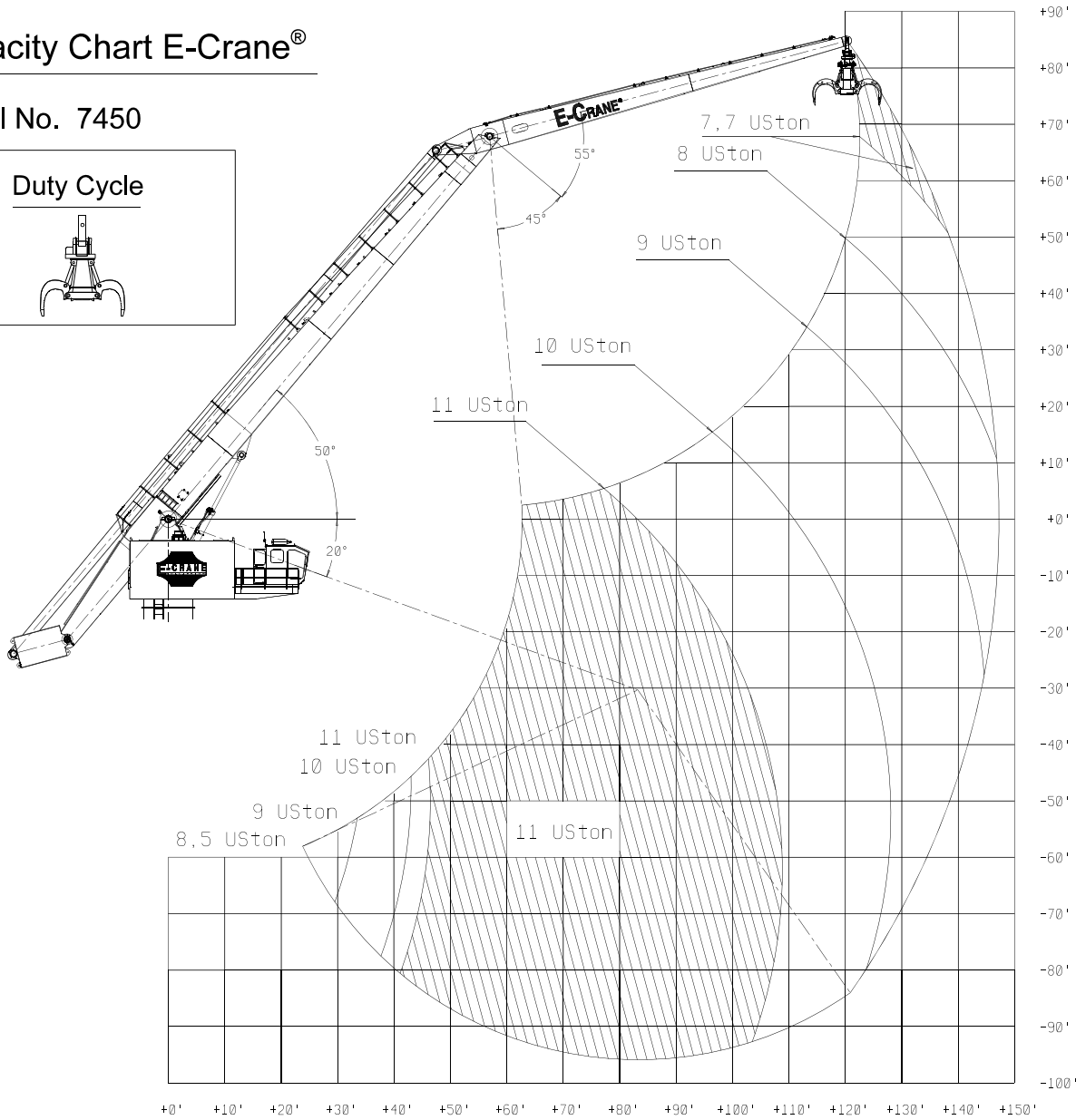
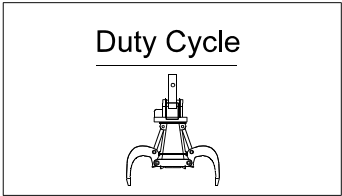
E-Crane® 7450

DUTY CYCLE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 7450



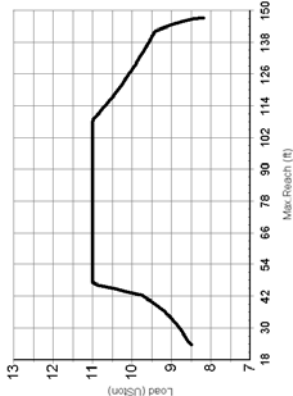
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E-Crane® 7450

CAPACITY CHART (USton) / Duty Cycle Operation																									
HEIGHT Relative to BOOM- PIN		E-Crane 7450																							
(ft)		REACH (ft)																							
25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	
75																				7,70					
70																				7,70					
65																				7,70	7,70				
60																				7,73	7,70				
55																				7,80	7,73	7,70			
50																				7,90	7,80	7,72			
45																		8,14	8,01	7,87	7,78	7,71			
40																		8,36	8,19	8,01	7,87	7,76			
35																		8,80	8,57	8,36	8,14	7,97	7,82		
30																		9,18	8,89	8,57	8,30	8,10	7,90		
25																	9,52	9,44	9,18	8,80	8,57	8,25	8,05	7,84	
20																9,70	9,60	9,52	9,44	9,08	8,72	8,43	8,14	7,94	
15															9,91	9,80	9,70	9,60	9,52	9,40	8,98	8,64	8,30	8,01	
10														10,35	10,20	10,03	9,91	9,80	9,70	9,57	9,49	9,29	8,80	8,50	8,14
5																									
0																									
-5																									
-10																									
-15																									
-20																									
-25																									
-30																									
-35																									
-40																									
-45																									
-50																									
-55																									
-60																									
-65																									
-70																									
-75																									
-80																									
-85																									
-90																									
-95																									

Max Reach (ft)	Load (USton)
30	8.5
40	10.5
50	10.5
60	11.5
150	11.5



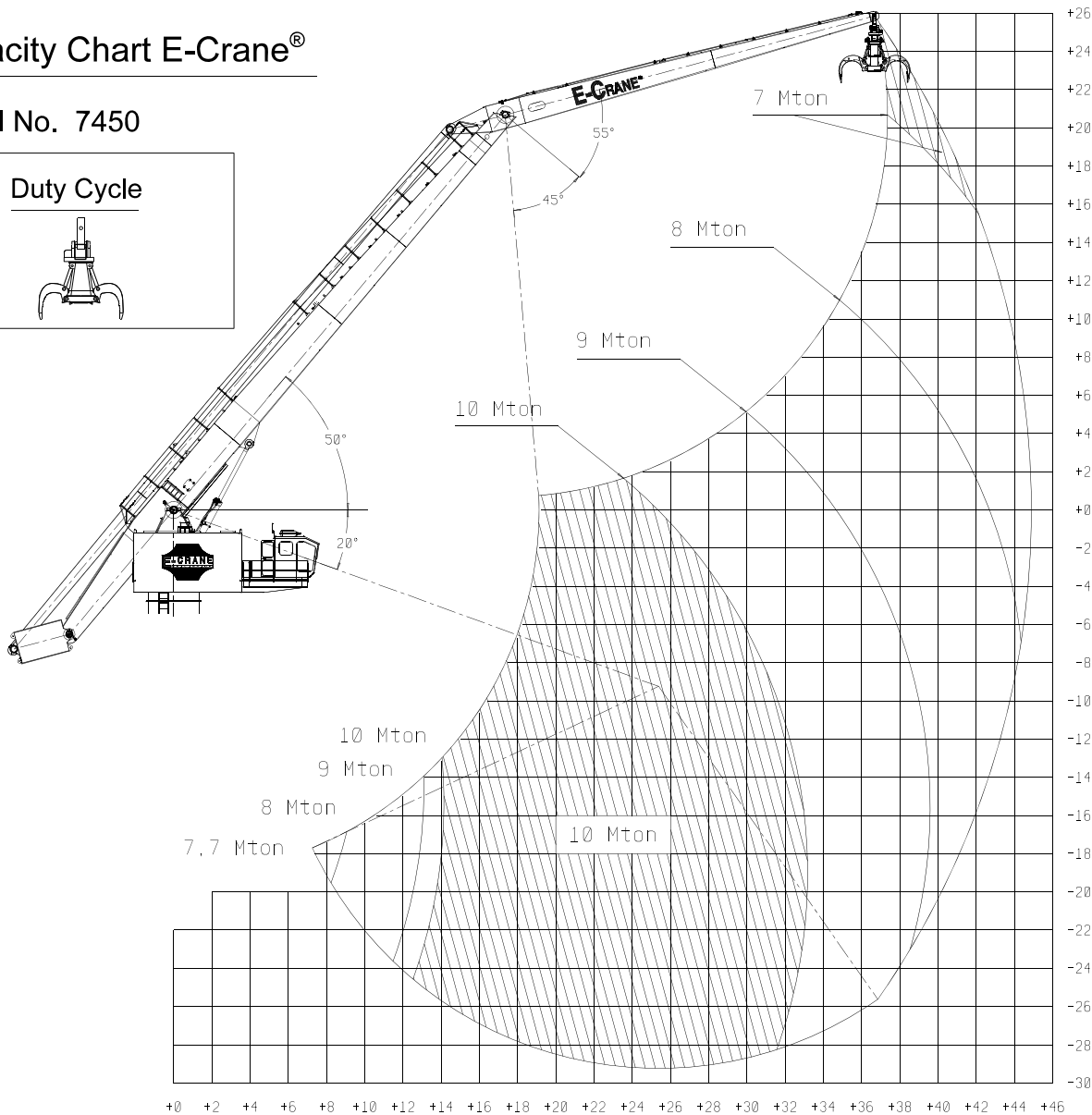
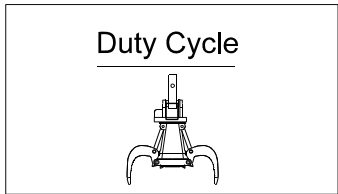


E-Crane® 7450

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 7450



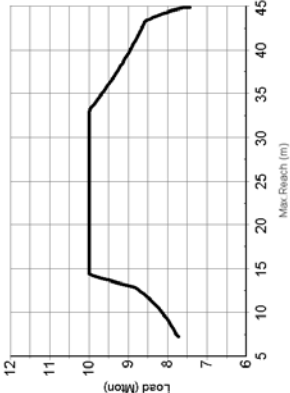
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E-Crane® 7450

CAPACITY CHART (Mton) / Duty Cycle Operation																										
HEIGHT Relative to BOOM- PIN		E-Crane 7450																								
		REACH (m)																								
BOOM- PIN (m)		7,5	9	10,5	12	13,5	15	16,5	18	19,5	21	22,5	24	25,5	27	28,5	30	31,5	33	34,5	36	37,5	39	40,5	42	43,5
22,5																						7,00				
21																						7,00	7,00			
19,5																						7,01	7,00			
18																						7,05	7,01	7,00		
16,5																						7,13	7,05	7,01		
15																						7,21	7,13	7,05	7,00	
13,5																						7,36	7,25	7,13	7,04	
12																						7,72	7,50	7,36	7,21	7,09
10,5																						7,93	7,72	7,50	7,32	7,18
9																						8,44	8,17	7,93	7,66	7,45
7,5																						8,68	8,61	8,44	8,17	7,86
6																						8,84	8,76	8,68	8,61	8,44
4,5																						9,04	8,94	8,84	8,76	8,68
3																						9,32	9,19	9,04	8,94	8,84
1,5																						9,45	9,32	9,15	9,04	8,94
0																						9,60	9,45	9,28	9,15	9,01
-1,5																						9,76	9,60	9,45	9,32	9,18
-3																						9,93	9,76	9,55	9,41	9,23
-4,5																						10,00	9,83	9,61	9,45	9,23
-6																						10,00	9,83	9,61	9,45	9,23
-7,5																						10,00	9,83	9,61	9,45	9,23
-9																						10,00	9,83	9,61	9,45	9,23
-10,5																						10,00	9,83	9,61	9,45	9,23
-12																						10,00	9,83	9,61	9,45	9,23
-13,5																						10,00	9,83	9,61	9,45	9,23
-15																						10,00	9,83	9,61	9,45	9,23
-16,5																						10,00	9,83	9,61	9,45	9,23
-18																						10,00	9,83	9,61	9,45	9,23
-19,5																						10,00	9,83	9,61	9,45	9,23
-21																						10,00	9,83	9,61	9,45	9,23
-22,5																						10,00	9,83	9,61	9,45	9,23
-24																						10,00	9,83	9,61	9,45	9,23
-25,5																						10,00	9,83	9,61	9,45	9,23
-27																						10,00	9,83	9,61	9,45	9,23
-28,5																						10,00	9,83	9,61	9,45	9,23

Max Reach (m)	Load (Mton)
5	8.2
10	8.5
15	10.0
20	10.0
25	10.0
30	10.0
35	10.0
40	9.5
45	8.2





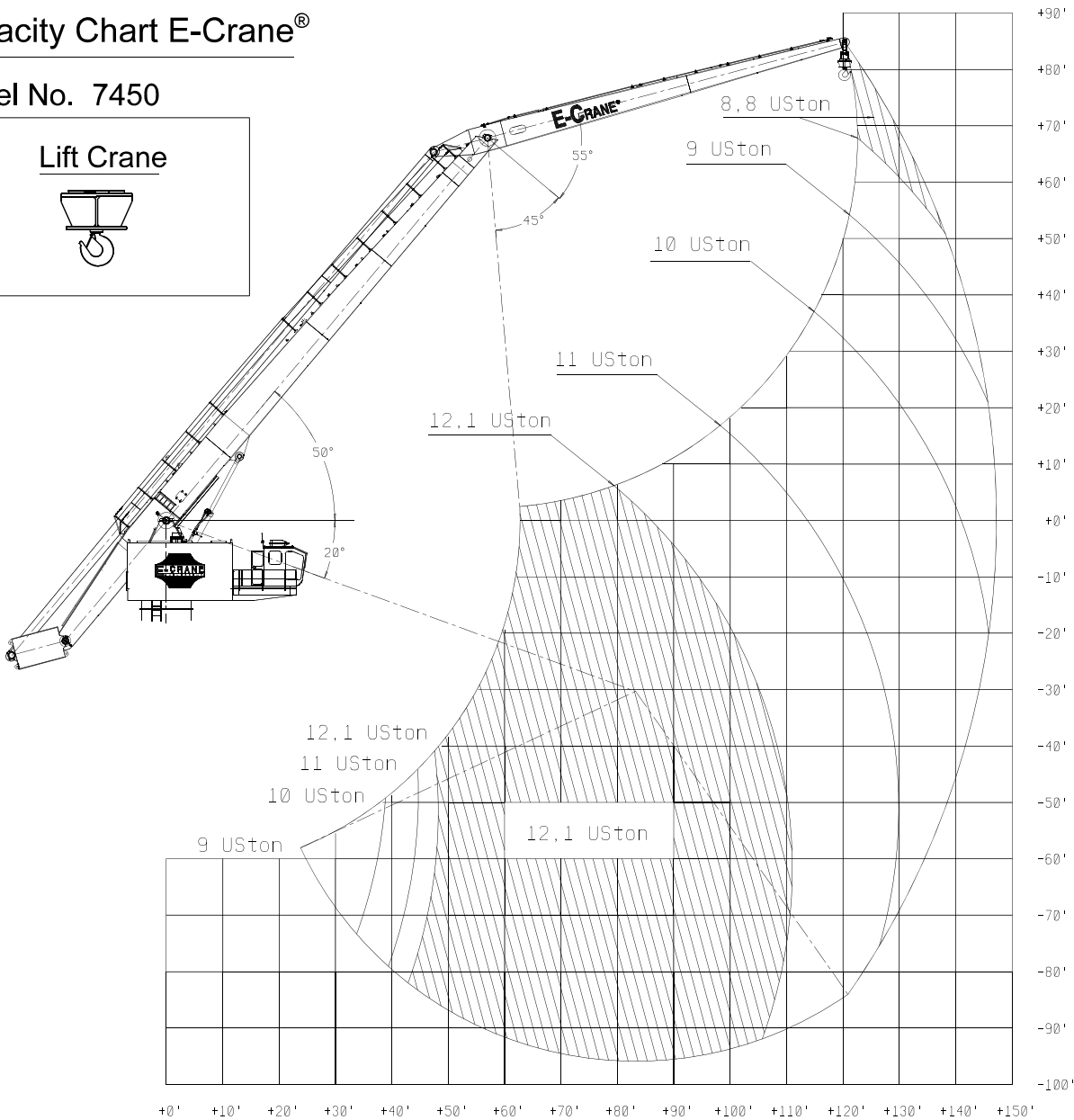
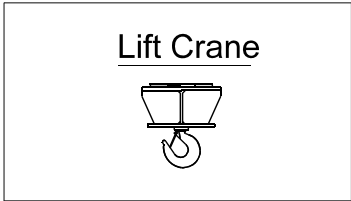
E-Crane® 7450

LIFT CRANE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 7450



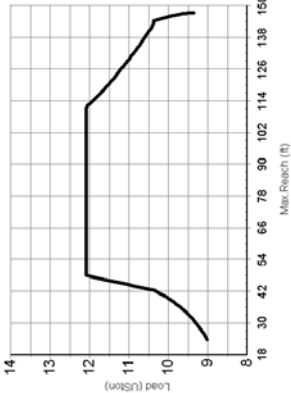
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E-Crane® 7450

CAPACITY CHART (USton) / Lift Crane Operation																										
HEIGHT Relative to BOOM- PIN		E-Crane 7450																								
		REACH (ft)																								
		25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
75																										
70																										
65																										
60																										
55																										
50																										
45																										
40																										
35																										
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15																										
10																										
5																										
0																										
-5																										
-10																										
-15																										
-20																										
-25																										
-30																										
-35																										
-40																										
-45																										
-50																										
-55																										
-60																										
-65																										
-70																										
-75																										
-80																										
-85																										
-90																										
-95																										

Max Reach (ft)	Load (USton)
18	9
30	12
110	12
145	10



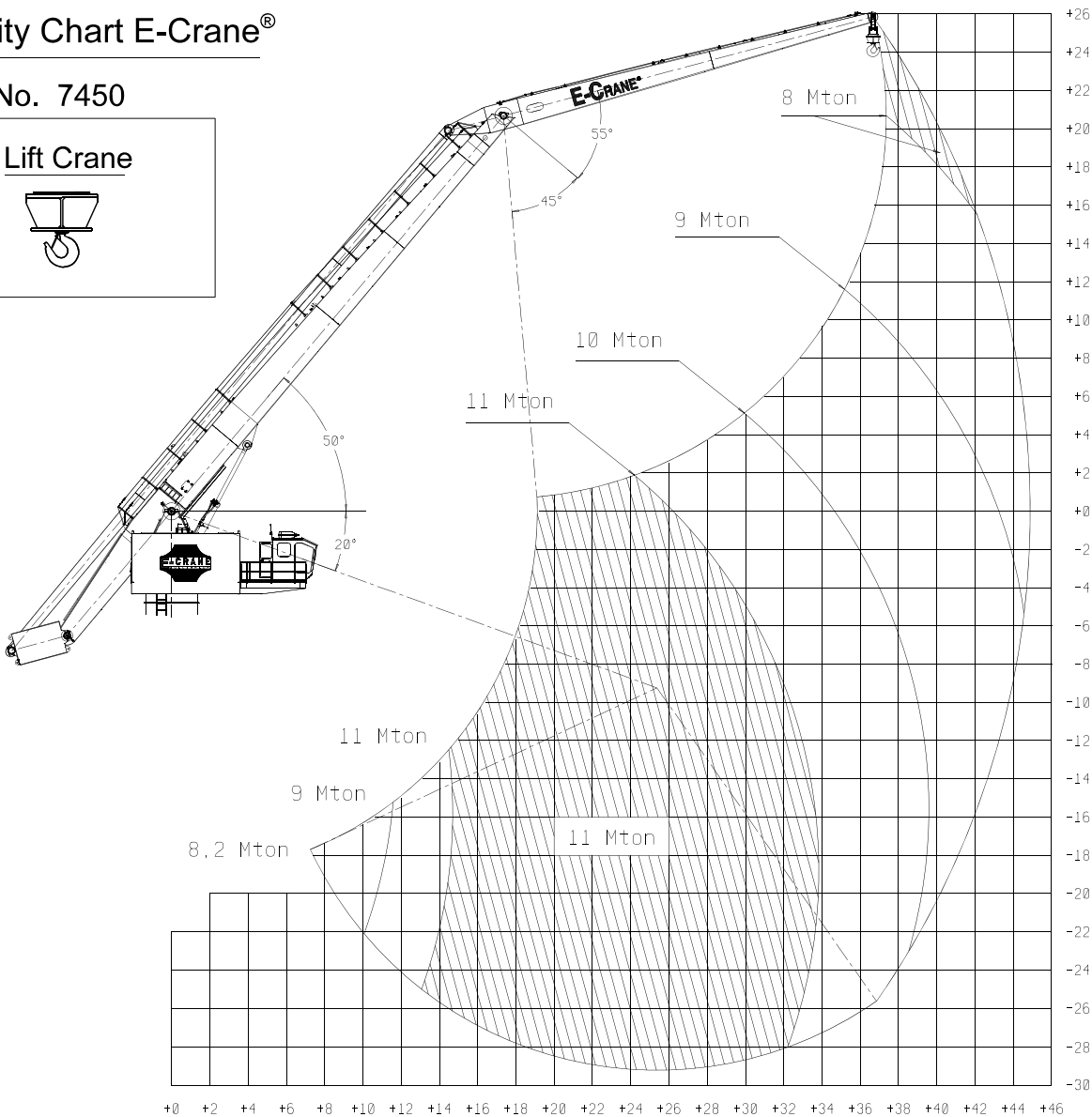
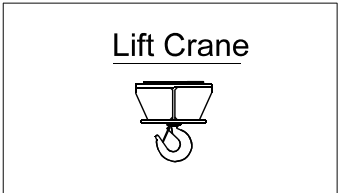


E-Crane® 7450

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 7450



Docnr.:ALI2009-043



E-Crane® 7450

CAPACITY CHART (Mton) / Lift Crane Operation	
E-Crane 7450	
HEIGHT Relative to BOOM- PIN (m)	REACH (m)
7,5	7,5 9 10,5 12 13,5 15 16,5 18 19,5 21 22,5 24 25,5 27 28,5 30 31,5 33 34,5 36 37,5 39 40,5 42 43,5
22,5	8,00
21	8,00 8,00
19,5	8,01 8,00
18	8,06 8,01 8,00
16,5	8,15 8,06 8,01
15	8,24 8,15 8,06 8,00
13,5	8,41 8,28 8,15 8,04
12	8,83 8,57 8,41 8,24 8,10
10,5	9,06 8,83 8,57 8,37 8,21 8,06
9	9,45 9,33 9,06 8,76 8,51 8,32 8,15
7,5	9,60 9,52 9,45 9,33 8,98 8,69 8,46 8,24
6	9,80 9,70 9,60 9,52 9,24 8,90 8,63 8,37
4,5	9,80 9,70 9,60 9,52 9,44 9,15 8,76 8,46
3	9,80 9,70 9,60 9,52 9,44 9,15 8,76 8,46
1,5	9,80 9,70 9,60 9,52 9,44 9,15 8,76 8,46
0	9,80 9,70 9,60 9,52 9,44 9,15 8,76 8,46
-1,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-3	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-4,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-6	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-7,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-9	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-10,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-12	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-13,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-15	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-16,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-18	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-19,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-21	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-22,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-24	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-25,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-27	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
-28,5	11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00





E-Crane® 7450

SPECIFICATIONS

	Specifications English (**)	Specifications Metric (**)
Operating Range:		
Minimum Outreach Range (from centerline of rotation)	23'-9.1/4"	7,246 m
Maximum Outreach (from centerline of rotation)	147'-2.11/16"	44,874 m
Downreach Range (below main boom pivot point)	95'-10.15/16"	29,234 m
Lifting Range (vertical lift)	180'-9.1/16"	55,094 m
Boom Operating Angles (above and below horizontal)	+50°/-20°	+50°/-20°
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, 50 Hz
Electrical Motor	250 hp	200 kW
Hydraulic Pump Output		
Implement	169 gpm	640 L/min
Swing	64,2 gpm	243 L/min
Hydraulic System Relief Setting	3,990 psi	27.500 kPa
Hydraulic Tank Refill Capacity	489 USgal	1.850 L
Dimensions:		
Boom Length	88'-7"	27 m
Stick Length	65'-7.3/8"	20 m
Total Weight Superstructure^(*)	347,402 lbs	157.910 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.

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