

E-Crane[®] Capacity Charts

1500 Series B

Model 11248

Model 11264

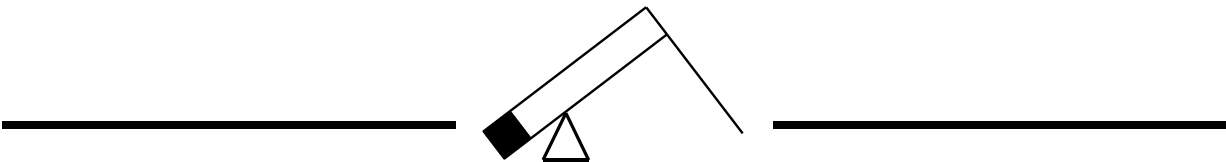
Model 11264 *plus*

Model 10290

Model 9317

Model 9359





E-Crane[®] Capacity Charts
1500 Series B
Model 9359

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E-Crane 9359B

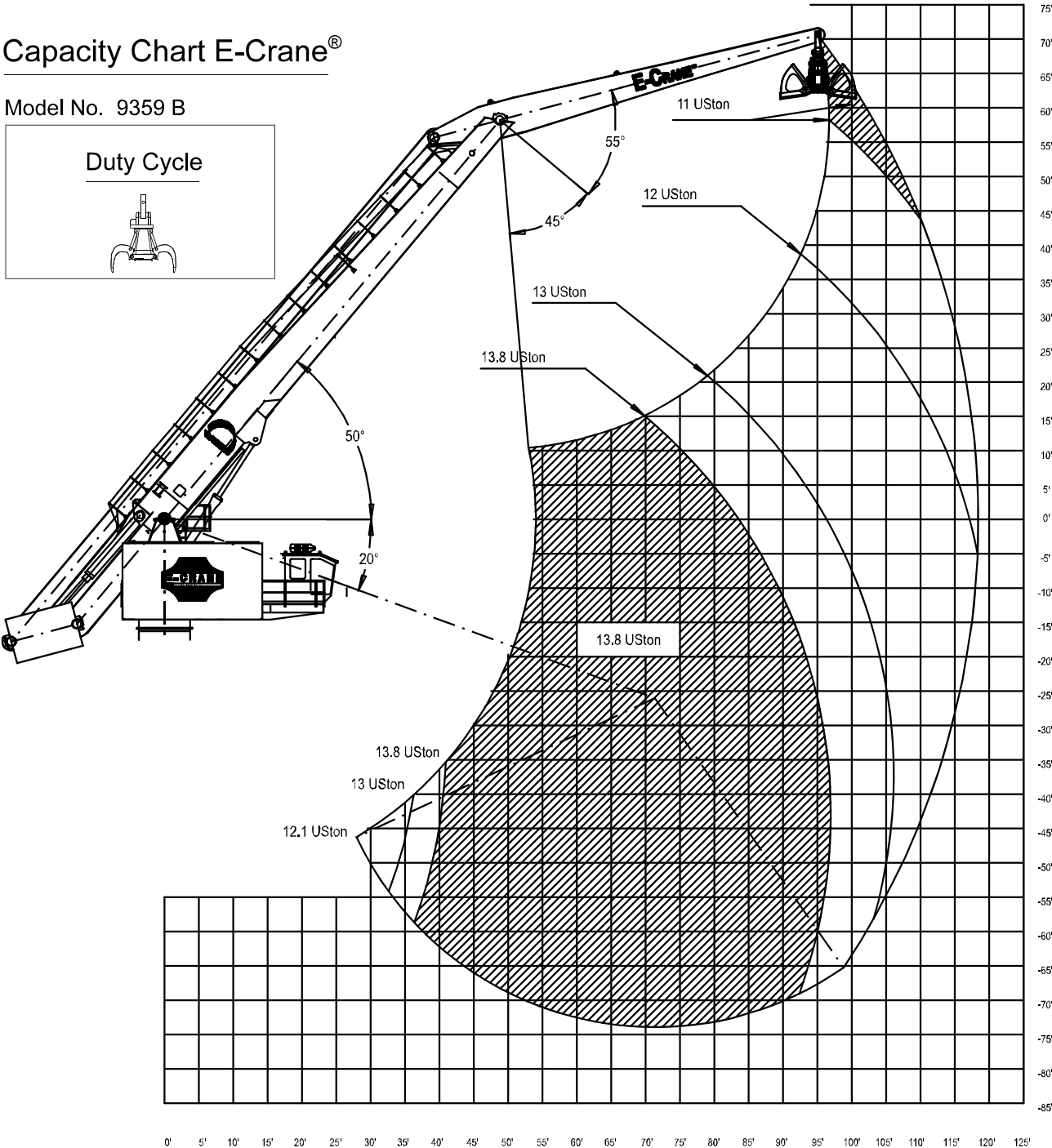
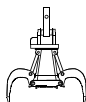
DUTY CYCLE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 9359 B

Duty Cycle

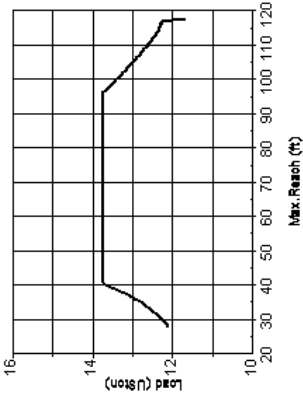


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E-Crane 9359B

CAPACITY CHART (USton) / Duty Cycle Operation																							
HEIGHT Relativ to BOOM- PIN (ft)	E-crane 9359																						
	REACH (ft)																						
	29	33	37	41	45	49	53	57	61	65	69	73	77	81	85	89	93	97	101	105	109	113	117
64	11,00																		11,00				
60	11,00																		11,00				
56	11,00																		11,00				
52	11,06																		11,06				
48	11,17																		11,17				
44	11,34																		11,34				
40	11,86																		11,86				
36	12,14																		12,14				
32	12,31																		12,31				
28	12,38																		12,38				
24	12,51																		12,51				
20	12,62																		12,62				
16	12,93																		12,93				
12	13,08																		13,08				
8	13,30																		13,30				
4	13,47																		13,47				
0	13,67																		13,67				
-4	13,75																		13,75				
-8	13,75																		13,75				
-12	13,75																		13,75				
-16	13,75																		13,75				
-20	13,75																		13,75				
-24	13,75																		13,75				
-28	13,75																		13,75				
-32	13,75																		13,75				
-36	13,75																		13,75				
-40	13,75																		13,75				
-44	13,75																		13,75				
-48	13,75																		13,75				
-52	13,75																		13,75				
-56	13,75																		13,75				
-60	13,75																		13,75				
-64	13,75																		13,75				
-68	13,75																		13,75				
-72	13,75																		13,75				



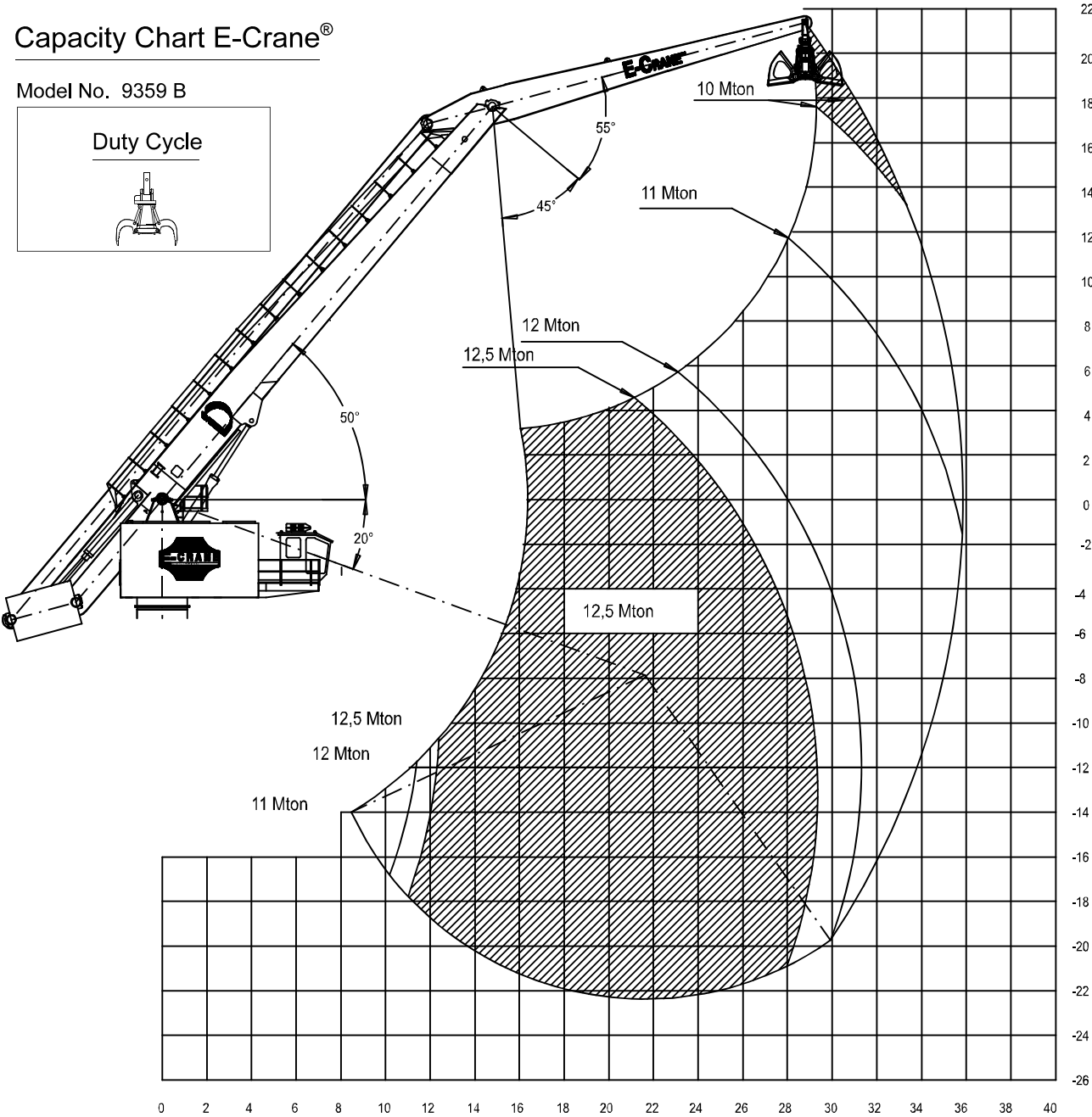
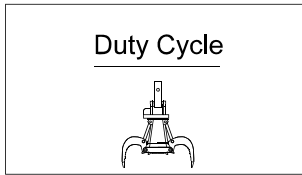


E-Crane 9359B

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 9359 B



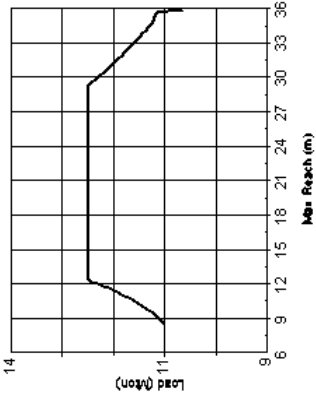
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E-Crane 9359B

CAPACITY CHART (Mton) / Duty Cycle Operation																											
E-crane 9359																											
REACH (m)																											
HEIGHT Relative to BOOM- PIN (m)	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
21	10,00																										
19,5	10,00																										
18	10,00 10,00																										
16,5	10,01 10,00																										
15	10,08 10,02 10,00																										
13,5	10,40 10,26 10,12 10,04 10,00																										
12	10,64 10,46 10,31 10,15 10,06																										
10,5	11,15 11,03 10,79 10,58 10,35 10,19 10,06																										
9	11,22 11,19 11,17 11,13 10,86 10,64 10,40 10,19																										
7,5	11,44 11,34 11,28 11,21 11,18 11,14 10,95 10,64 10,35 10,15																										
6	11,84 11,71 11,59 11,51 11,41 11,31 11,22 11,18 11,15 10,95 10,58 10,31																										
4,5	12,50 12,36 12,19 12,04 11,89 11,80 11,67 11,55 11,44 11,31 11,22 11,18 11,14 10,86 10,51																										
3	12,50 12,50																										
1,5	12,50 12,50																										
0	12,50 12,50																										
-1,5	12,50 12,50																										
-3	12,50 12,50																										
-4,5	12,50 12,50																										
-6	12,50 12,50																										
-7,5	12,50 12,50																										
-9	12,50 12,50																										
-10,5	12,50 12,50																										
-12	12,50 12,50																										
-13,5	12,50 12,50																										
-15	12,50 12,50																										
-16,5	12,50 12,50																										
-18	12,50 12,50																										
-19,5	12,50 12,50																										
-21	12,50 12,50																										

The graph plots Load (Mton) on the y-axis (9 to 14) against Reach (m) on the x-axis (6 to 36). It shows several curves representing the crane's capacity at different heights. The curves generally show that capacity decreases as reach increases and as height increases. The highest capacity curve is for 21m height, starting at 10.00 Mton at 6m reach and decreasing to 10.00 Mton at 36m reach. Other curves for lower heights (19.5m, 18m, 16.5m, 15m, 13.5m, 12m, 10.5m, 9m, 7.5m, 6m, 4.5m, 3m, 1.5m, 0m, -1.5m, -3m, -4.5m, -6m, -7.5m, -9m, -10.5m, -12m, -13.5m, -15m, -16.5m, -18m, -19.5m, -21m) show capacities starting at 12.50 Mton at 6m reach and decreasing to 12.50 Mton at 36m reach.





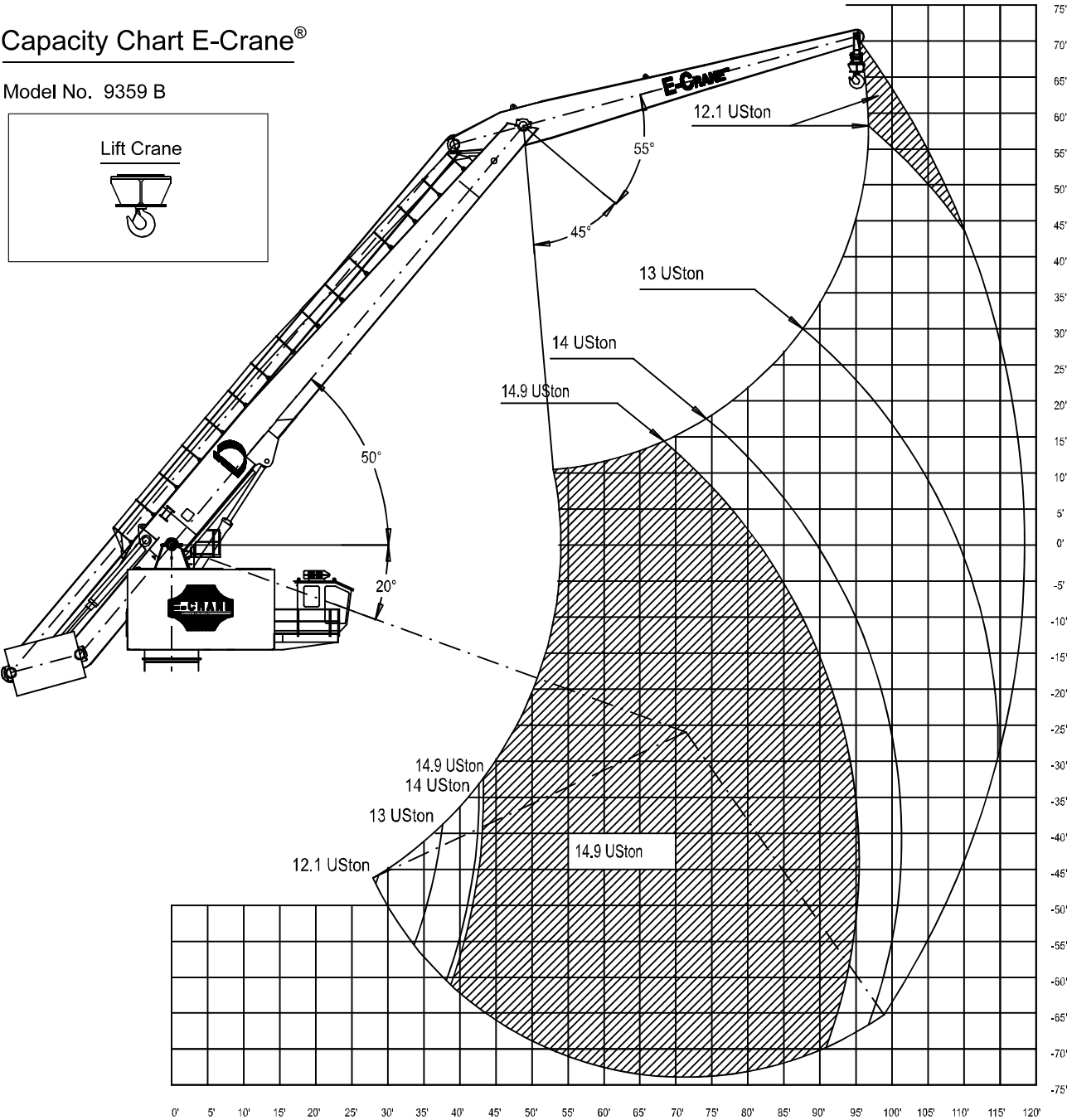
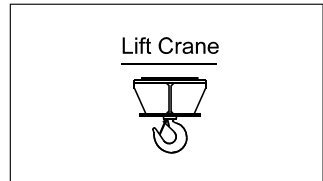
E-Crane 9359B

LIFT CRANE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 9359 B

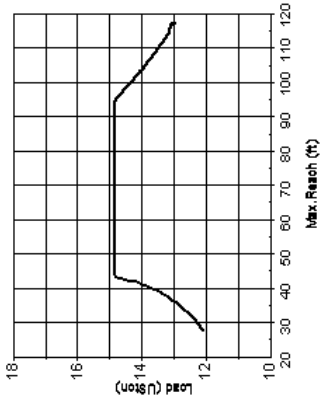


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E-Crane 9359B

CAPACITY CHART (USton) / Lift Crane Operation																								
HEIGHT Relative to BOOM- PIN (ft)		E-crane 9359																						
		REACH (ft)																						
		29	33	37	41	45	49	53	57	61	65	69	73	77	81	85	89	93	97	101	105	109	113	117
64																								
60																								
56																								
52																								
48																								
44																								
40																								
36																								
32																								
28																								
24																								
20																								
16																								
12																								
8																								
4																								
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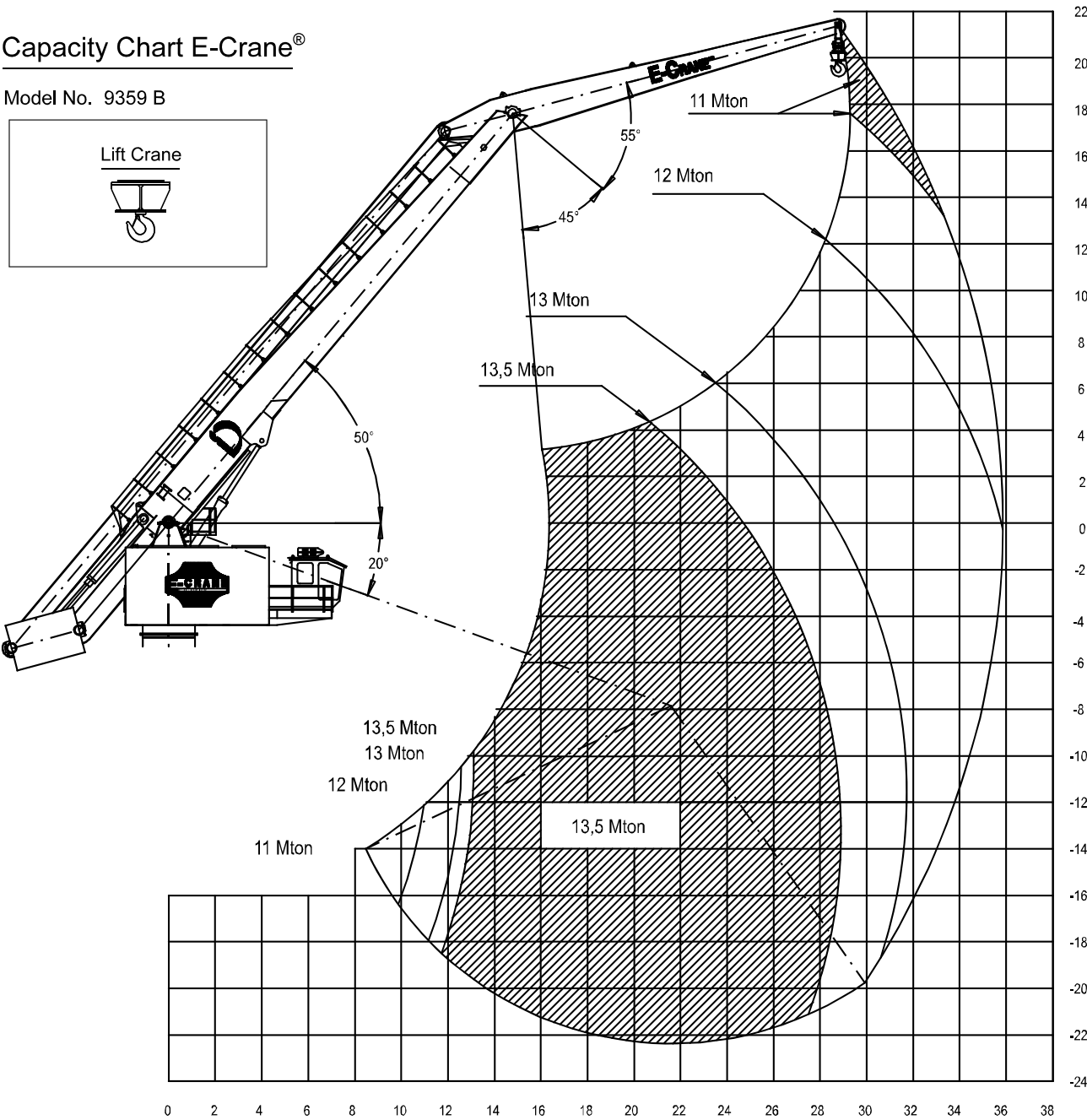
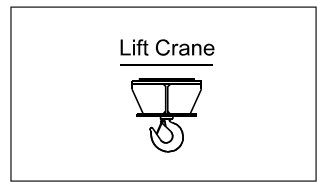


E-Crane 9359B

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 9359 B



Dwg.: ALI2007-022



The graph shows a constant liquid pressure of approximately 14.5 atm over a distance of 16 meters (from 12m to 28m). Outside this range, the pressure decreases linearly from about 12.5 atm at 6m to 10.5 atm at 36m.



E-Crane 9359B

SPECIFICATIONS

	Specifications English (**)	Specifications Metric (**)
Operating Range:		
Minimum Outreach Range (from centerline of rotation)	27'-9.1/2"	8,471 m
Maximum Outreach (from centerline of rotation)	117'-7.5/8"	35,855 m
Downreach Range (below main boom pivot point)	73'-4.9/16"	22,366 m
Lifting Range (vertical lift)	143'-5.15/16"	43,738 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	300 hp	200 kW (opt. 225 kW)
Hydraulic Pump Output		
Implement	211 gpm	800 L/min
Swing	77,4 gpm	293 L/min
Hydraulic System Relief Setting	3,990 psi	27.500 kPa
Hydraulic Tank Refill Capacity	489 USgal	1.850 L
Dimensions:		
Boom Length	75'-5.1/2"	23 m
Stick Length	47'-6.7/8"	14,5 m
Total Weight Superstructure(*)	387,200 lbs	176.000 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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