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# **E-Crane<sup>TM</sup> Capacity Charts**

## **3000 Series**

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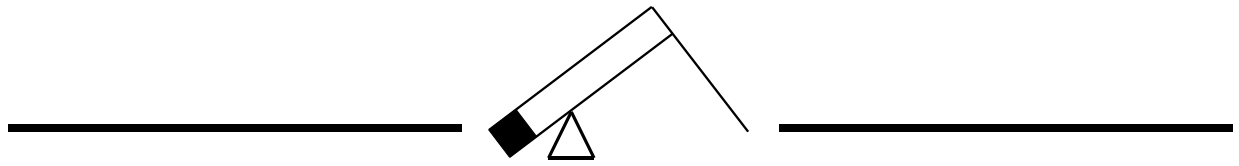
Model 26317

**Model 23359**

Model 30382

Model 27450





E-Crane™ Capacity Charts  
3000 Series  
Model 23359

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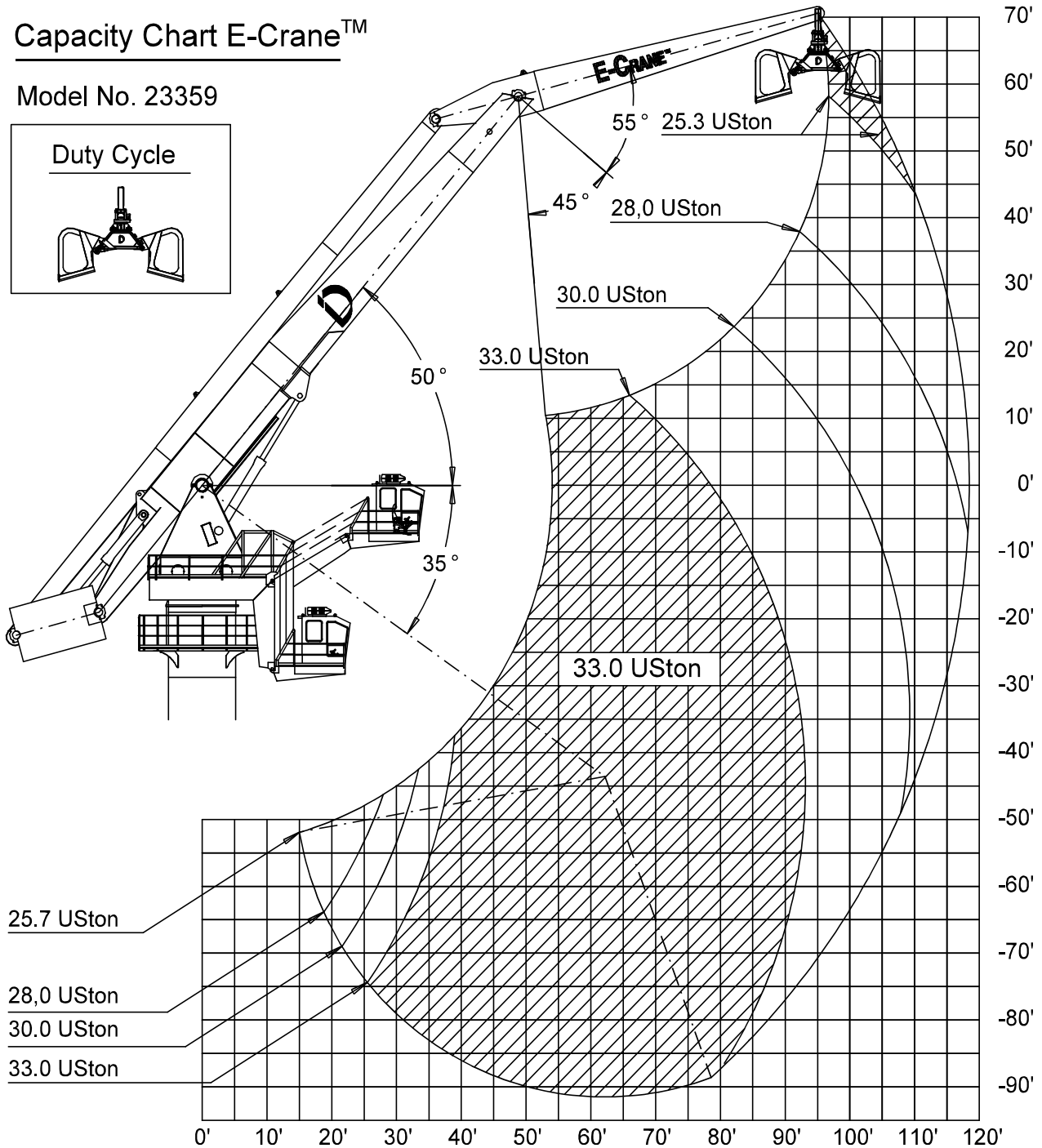
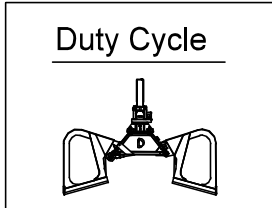


**DUTY CYCLE OPERATION**

**Load Chart (USton/ft)**

**Capacity Chart E-Crane™**

Model No. 23359



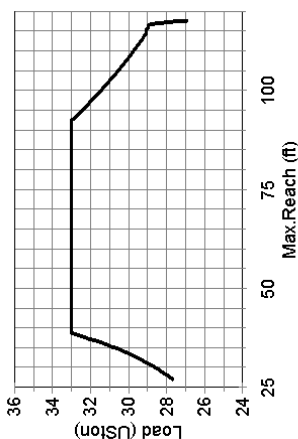
Dwg.: ALI2004-009

## CAPACITY CHART (USton) / Duty Cycle Operation

### E-Crane 23359

REACH (ft)

HEIGHT Relative to BOOM- PIN (ft)	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103	108	113
65																	25,30			
60																	25,30			
55																	25,30	25,30		
50																	25,49	25,30		
45																	25,87	25,49	25,30	
40																	27,29	26,46	25,87	25,44
35																	28,15	27,29	26,46	25,77
30																	29,10	28,99	28,15	27,10
25																	29,47	29,10	28,99	28,15
20																	30,19	29,81	29,39	29,10
15																	30,61	30,19	29,72	29,39
10																	31,21	30,61	30,09	29,63
5																	31,75	31,21	30,61	29,24
0																	32,50	31,75	31,21	28,99
-5																	33,00	33,00	33,00	29,07
-10																	33,00	33,00	33,00	28,39
-15																	33,00	33,00	33,00	28,97
-20																	33,00	33,00	33,00	29,02
-25																	33,00	33,00	33,00	29,07
-30																	33,00	33,00	33,00	29,16
-35																	33,00	33,00	33,00	29,24
-40																	33,00	33,00	33,00	29,31
-45																	33,00	33,00	33,00	29,31
-50																	33,00	33,00	33,00	29,31
-55																	33,00	33,00	33,00	29,31
-60																	33,00	33,00	33,00	29,31
-65																	33,00	33,00	33,00	29,31
-70																	33,00	33,00	33,00	29,31
-75																	33,00	33,00	33,00	29,31
-80																	33,00	33,00	33,00	29,31
-85																	33,00	33,00	33,00	29,31
-90																	33,00	33,00	33,00	29,31

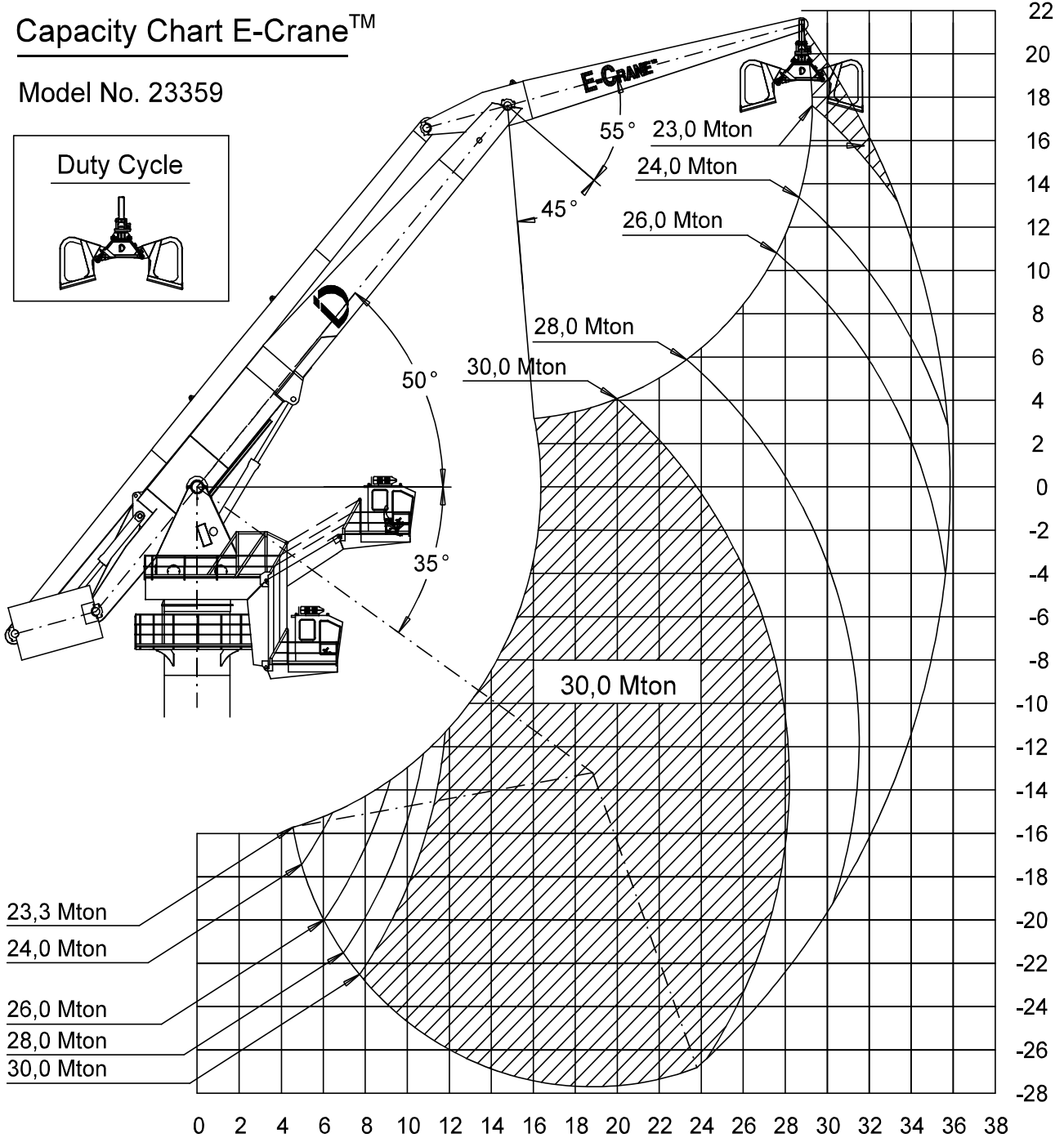
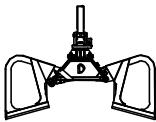


## Load Chart (Mton/m)

### Capacity Chart E-Crane™

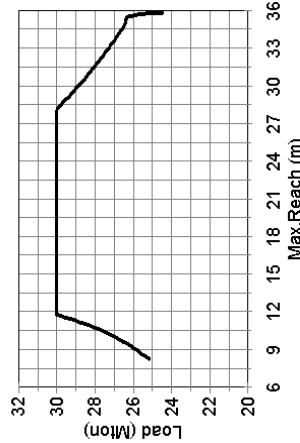
Model No. 23359

Duty Cycle



Dwg.: ALI2004-007

CAPACITY CHART (Mton) / Duty Cycle Operation E-Crane 23359		REACH (m)																			
HEIGHT Relative to BOOM- PIN (m)	7	8,5	10	11,5	13	14,5	16	17,5	19	20,5	22	23,5	25	26,5	28	29,5	31	32,5	34	35,5	
20																23,00					
18																23,00	23,00				
16																23,09	23,00				
14																23,51	23,23	23,00			
12																24,33	23,70	23,23			
10															26,30	25,38	24,48	23,81	23,23		
8														26,72	26,45	26,36	25,59	24,64	23,70		
6														27,93	27,54	27,18	26,86	26,51	26,36	25,59	24,33
4										29,84	29,13	28,61	28,15	27,63	27,27	26,86	26,51	26,33	25,18	23,93	
2										30,00	30,00	29,99	29,40	28,74	28,15	27,73	27,27	26,79	26,45	26,05	24,48
0										30,00	30,00	30,00	30,00	29,40	28,74	28,15	27,63	27,10	26,72	26,38	25,18
-2										30,00	30,00	30,00	30,00	29,99	29,26	28,61	27,93	27,44	26,94	26,45	25,81
-4										30,00	30,00	30,00	30,00	30,00	29,84	28,99	28,38	27,73	27,18	26,58	26,30
-6										30,00	30,00	30,00	30,00	30,00	30,00	29,40	28,61	27,93	27,35	26,72	
-8										30,00	30,00	30,00	30,00	30,00	30,00	29,69	28,86	28,15	27,44	26,79	
-10										30,00	30,00	30,00	30,00	30,00	30,00	29,99	29,13	28,26	27,54	26,86	
-12										30,00	30,00	30,00	30,00	30,00	30,00	30,00	29,13	28,38	27,54		
-14										30,00	30,00	30,00	30,00	30,00	30,00	30,00	29,13	28,26	27,44		
-16										30,00	30,00	30,00	30,00	30,00	30,00	29,99	28,99	28,15			
-18										30,00	30,00	30,00	30,00	30,00	30,00	29,84	28,86	27,83			
-20										30,00	30,00	30,00	30,00	30,00	30,00	29,40	28,38				
-22										30,00	30,00	30,00	30,00	30,00	29,99	28,86					
-24										30,00	30,00	30,00	30,00	30,00	29,26						
-26										30,00	30,00	30,00	30,00	30,00	30,00						

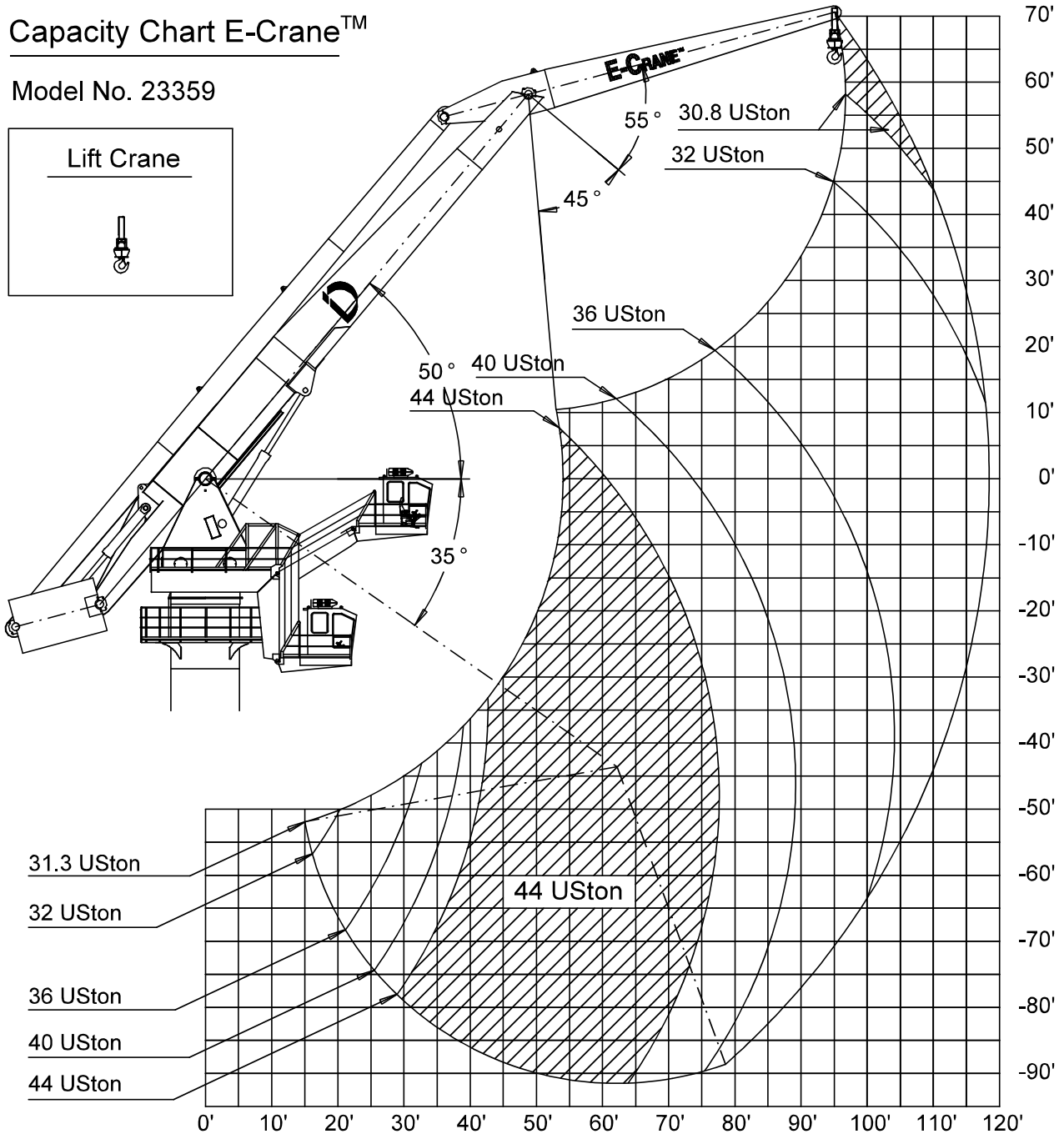
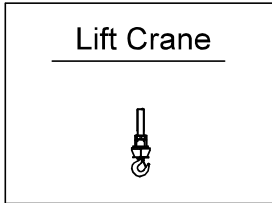


**LIFT CRANE OPERATION**

**Load Chart (USton/ft)**

Capacity Chart E-Crane™

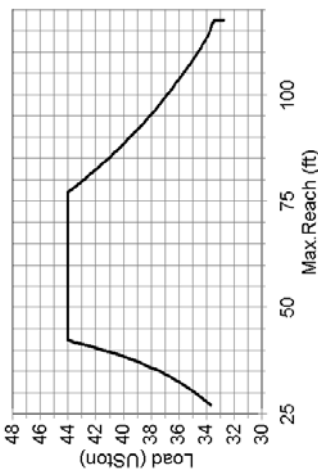
Model No. 23359



Dwg.: ALI2004-010

## CAPACITY CHART (USton) / Lift Crane Operation E-Crane 23359

HEIGHT Relative to BOOM- PIN (ft)	REACH (ft)																			
	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103	108	113
65																	30,80			
60																	30,80			
55																	30,80	30,80		
50																	31,03	30,80		
45																	31,49	31,03	30,80	
40																	33,22	32,21	31,49	30,97
35																	33,49	33,22	32,21	31,38
30																	33,79	33,66	33,49	32,99
25																	34,71	34,27	33,79	33,63
20																	35,75	35,20	34,71	34,17
15																	36,52	35,75	35,20	34,59
10																	37,21	36,52	35,75	35,07
5																	39,72	41,55	40,21	39,02
0																	43,04	41,55	40,21	39,02
-5																	44,00	43,04	41,27	39,96
-10																	44,00	44,00	42,42	41,00
-15																	44,00	44,00	44,00	43,69
-20																	44,00	44,00	44,00	44,00
-25																	44,00	44,00	44,00	44,00
-30																	44,00	44,00	44,00	44,00
-35																	44,00	44,00	44,00	44,00
-40																	44,00	44,00	44,00	44,00
-45																	44,00	44,00	44,00	44,00
-50																	44,00	44,00	44,00	44,00
-55																	44,00	44,00	44,00	44,00
-60																	44,00	44,00	44,00	44,00
-65																	44,00	44,00	44,00	44,00
-70																	44,00	44,00	44,00	44,00
-75																	44,00	44,00	44,00	44,00
-80																	44,00	44,00	44,00	44,00
-85																	44,00	44,00	44,00	44,00
-90																	44,00	44,00	44,00	44,00

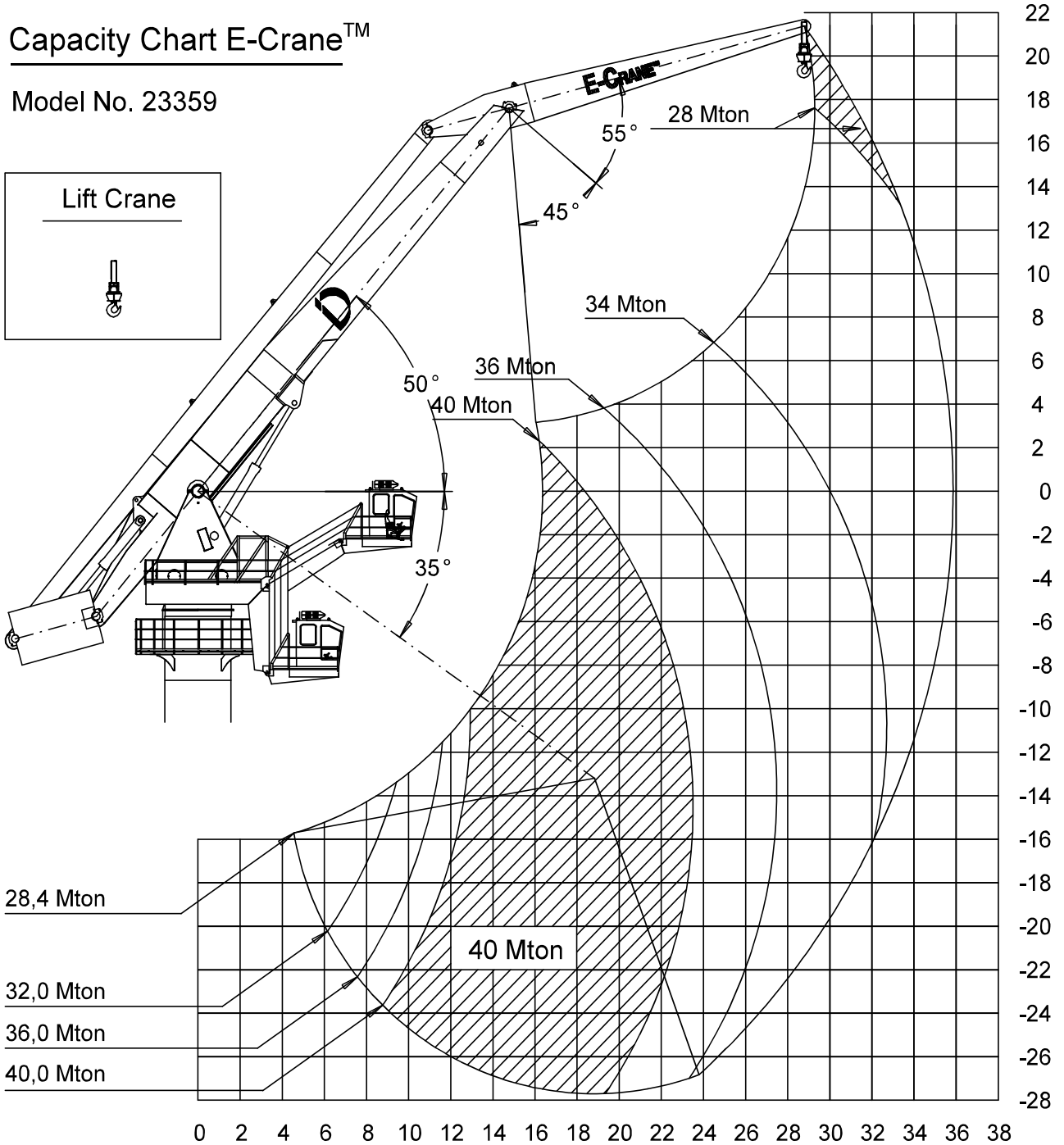




## Load Chart (Mton/m)

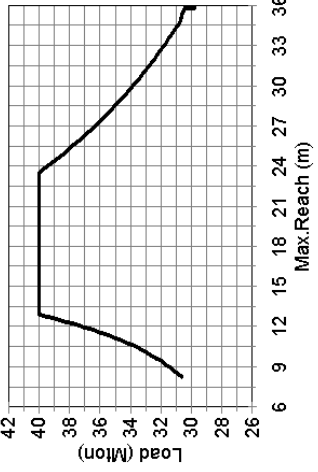
### Capacity Chart E-Crane™

Model No. 23359



Dwg.: ALI2004-008

CAPACITY CHART (Mton) / Lift Crane Operation E-Crane 23359	
HEIGHT Relative to BOOM- PIN (m)	REACH (m)
20	28,00
18	28,00 28,00
16	28,11 28,00
14	28,63 28,28 28,00
12	29,61 28,86 28,28
10	30,54 30,42 29,80 28,99 28,28
8	31,06 30,72 30,60 30,45 29,99 28,86
6	31,66 31,25 30,80 30,60 30,45 29,61
4	32,63 32,12 31,66 31,25 30,80 30,57 30,39 29,13
2	35,08 34,16 33,50 32,91 32,24 31,77 31,25 30,80 30,72 30,51 29,80
0	38,57 37,52 36,33 35,28 34,51 33,66 32,91 32,37 31,77 31,16 30,72 30,51 29,80
-2	40,00 39,42 37,77 36,56 35,48 34,51 33,66 32,91 32,24 31,55 31,06 30,63 30,39
-4	40,00 40,00 39,13 37,77 36,56 35,28 34,34 33,50 32,63 32,00 31,35 30,72 30,48
-6	40,00 40,00 40,00 38,84 37,52 36,11 35,08 33,99 33,20 32,37 31,66 30,89 30,54
-8	40,00 40,00 40,00 40,00 38,30 36,79 35,68 34,51 33,50 32,63 31,88 31,06
-10	40,00 40,00 40,00 40,00 40,00 38,84 37,52 36,11 34,89 33,82 32,91 32,00 31,16
-12	40,00 40,00 40,00 40,00 40,00 39,42 37,77 36,56 35,28 34,16 33,05 32,12 31,25
-14	40,00 40,00 40,00 40,00 40,00 39,72 38,30 36,79 35,48 34,16 33,20 32,12
-16	35,06 35,53 36,55 40,00 40,00 40,00 40,00 40,00 38,30 36,79 35,48 34,16 33,05 32,00
-18	30,89 32,01 34,61 38,29 40,00 40,00 40,00 40,00 40,00 38,30 36,79 35,28 33,99 32,91
-20	31,43 33,39 36,03 39,60 40,00 40,00 40,00 40,00 39,72 38,03 36,56 35,08 33,82 32,50
-22	33,02 35,06 38,29 40,00 40,00 40,00 40,00 39,13 37,52 36,11 34,51 33,20
-24	37,10 40,00 40,00 40,00 40,00 40,00 40,00 38,57 36,79 35,28 33,82
-26	40,00 40,00 40,00 40,00 40,00 40,00 39,42 37,52 35,89 34,34
	40,00 40,00 40,00 40,00 40,00 40,00 38,03 36,33



**SPECIFICATIONS**

	<b>Specifications English (**)</b>	<b>Specifications Metric (**)</b>
<b>Operating Range:</b>		
Minimum Outreach Range (from centerline of rotation)	14'-11.9/16"	4,561 m
Maximum Outreach (from centerline of rotation)	117'-7.5/8"	35,856 m
Downreach Range (below main boom pivot point)	90'-10.1/4"	27,692 m
Lifting Range (vertical lift)	160'-11.5/8"	49,064 m
Boom Operating Angles (above and below horizontal)	+50/-35/	+50/-35/
Stick Operating Angles (before and after vertical)	+55/-45/	+55/-45/
Degrees of Rotation	360/continuous	360/continuous
<b>Power:</b>		
Power Supply	3-Phase 480 Volts AC, 60 Hz	3-Phase, 380 Volts AC, 50 Hz
Electrical Motor	800 hp	600 kW
Hydraulic Pump Output		
Implement	380 gpm	1.440 L/min
Swing	121 gpm	458 L/min
Hydraulic System Relief Setting	3,625 psi	25.000 kPa
Hydraulic Tank Refill Capacity	1056 USgal	4.000 L
<b>Dimensions:</b>		
Boom Length	75'-5.1/2"	23 m
Stick Length	47'-6.7/8"	14,5 m
<b>Total Weight Superstructure<sup>(*)</sup></b>	642,620 lbs	292.100 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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