

E-Crane[®] Capacity Charts

1000 Series

Model 7248

Model 7264

Model 7290

Model 7317

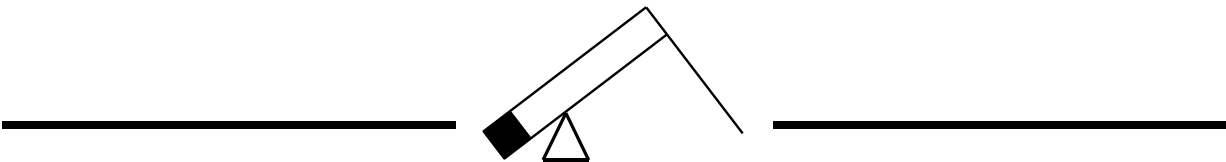
Model 7359

Model 7382

Model 7421

Model 7450





E-Crane® Capacity Charts
1000 Series
Model 7359

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





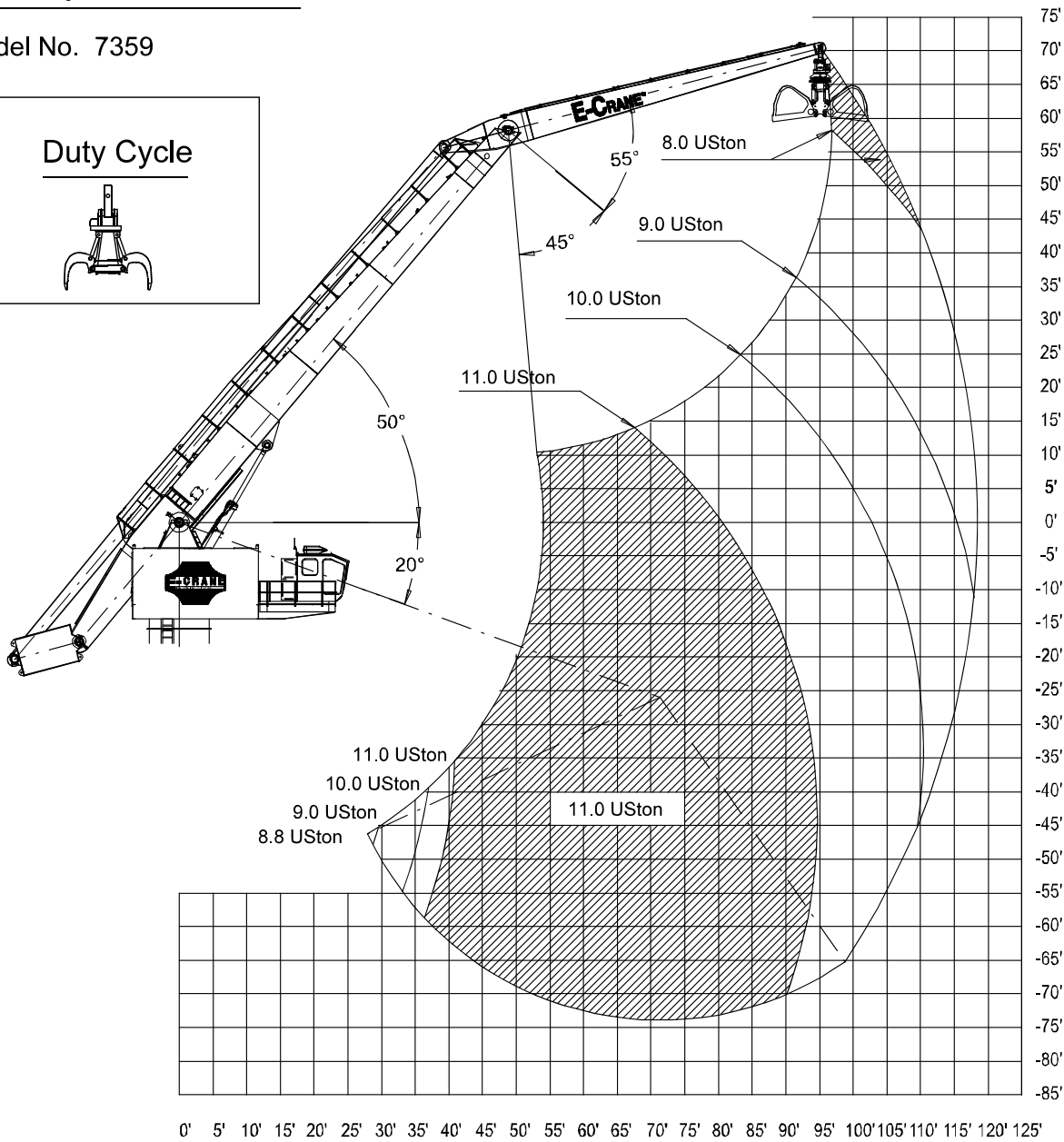
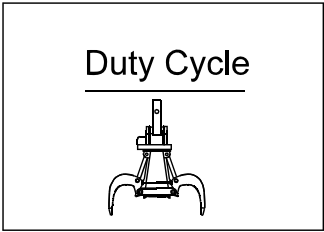
E-Crane 7359

DUTY CYCLE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

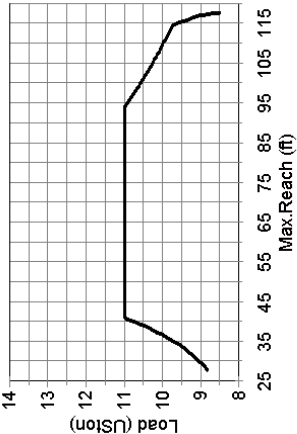
Model No. 7359

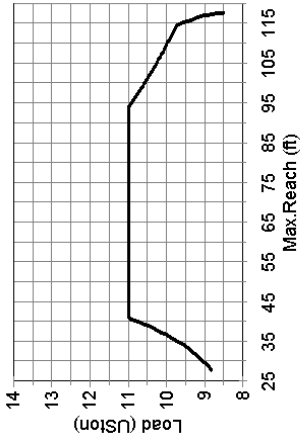


Docnr.:ALI2006-009



E-Crane 7359

CAPACITY CHARTS (USton) / Duty Cycle Operation E-Crane 7359																				
HEIGHT Relative to BOOM- PIN (ft)	REACH (ft)																			
	32	36,5	41	45,5	50	54,5	59	63,5	68	72,5	77	81,5	86	90,5	95	99,5	104	108,5	113	117,5
64																				
59,5																				
55																				
50,5																				
46																				
41,5																				
37																				
32,5																				
28																				
23,5																				
19																				
14,5																				
10																				
5,5																				
1																				
-3,5																				
-8																				
-12,5																				
-17																				
-21,5																				
-26																				
-30,5																				
-35																				
-39,5																				
-44																				
-48,5																				
-53																				
-57,5																				
-62																				
-66,5																				
-71																				



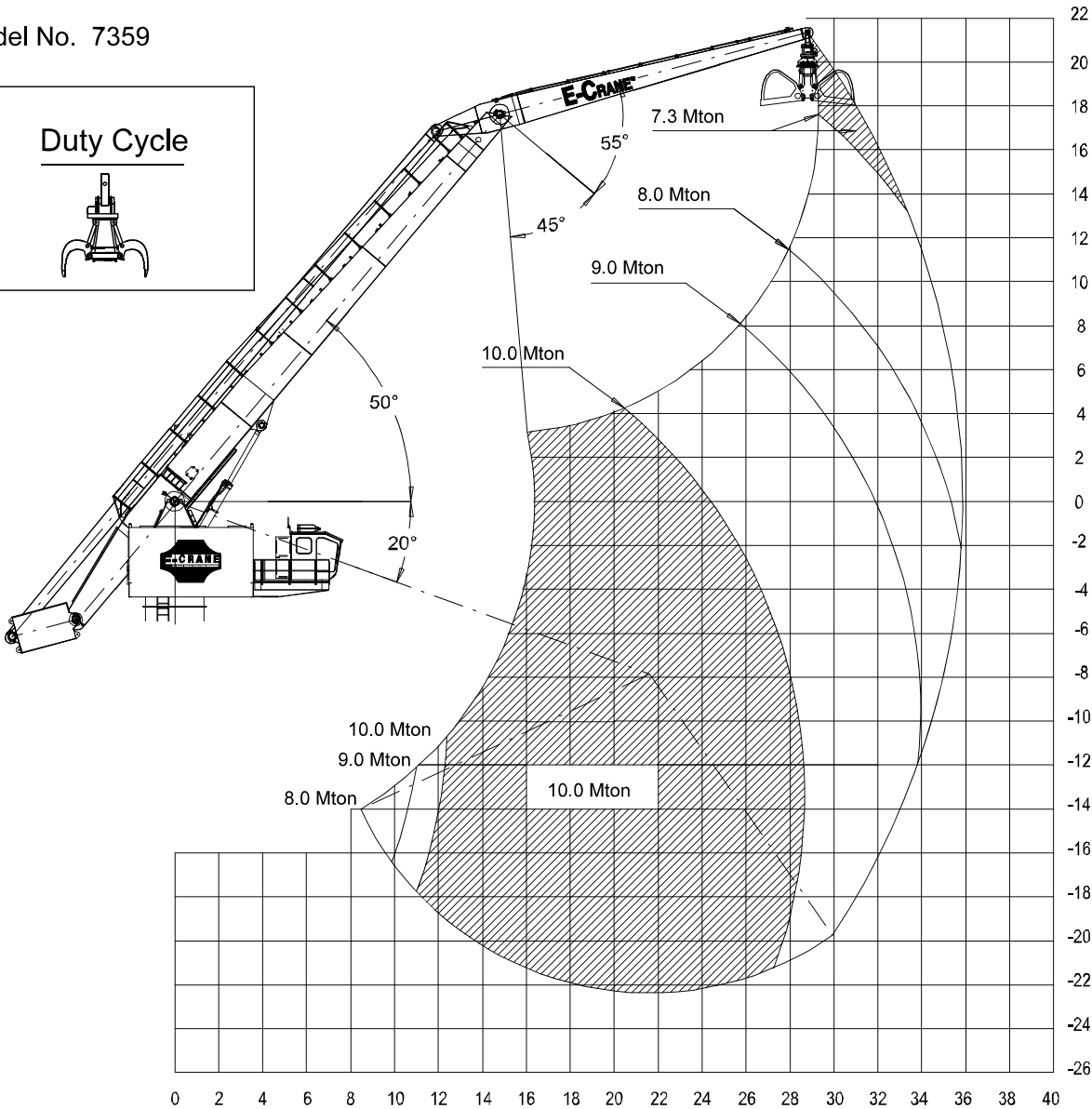
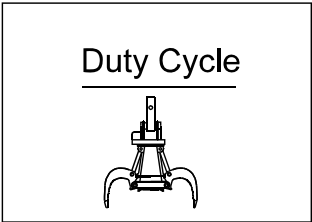


E-Crane 7359

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 7359

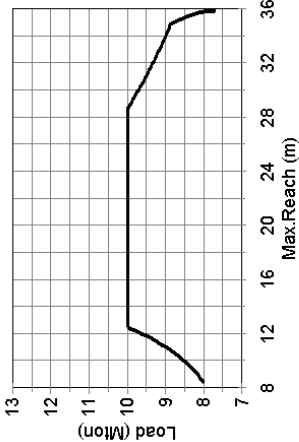


Docnr.:ALI2006-010



E-Crane 7359

CAPACITY CHART (Mton) / Duty Cycle Operation E-Crane 7359																																						
HEIGHT Relative to BOOM- PIN (m)	REACH (m)																																					
	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																			
18	Load (Mton) Max.Reach (m)																			7,27	7,27																	
16,5																				7,29	7,27																	
15																				7,36	7,29	7,27																
13,5																				7,50	7,36	7,28																
12																				7,69	7,50	7,34																
10,5																				7,96	7,69	7,46			8,24												7,31	
9																				8,89	8,58	8,24			8,89											7,65	7,41	
7,5																				9,01	8,91	8,58			9,01										8,16	7,84	7,53	
6																				9,12	9,01	8,89			9,12	9,24	9,38	9,58	9,75	9,38	9,24	9,12	8,98	8,86	8,32	7,90	7,53	
4,5																				9,38	9,24	9,38			9,38	9,58	9,71	9,54	9,35	9,18	9,09	8,93	8,67	8,09	7,65			
3	9,75	9,58	9,75			9,54	9,35	9,18	9,01	8,89	8,32	7,79																										
1,5	9,95	9,71	9,95			9,66	9,46	9,28	9,09	8,96	8,58	7,96																										
0	10,00	10,00	10,00			9,90	9,95	9,71	9,46	9,24	9,06	8,24																										
-1,5	10,00	10,00	10,00			10,00	10,00	10,00	9,80	9,58	9,38	9,18	9,01	8,77	8,09																							
-3	10,00	10,00	10,00			10,00	10,00	10,00	9,95	9,71	9,46	9,24	9,31	9,12	8,93	8,32																						
-4,5	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	9,90	9,62	9,38	9,18	8,96																							
-6	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	9,90	9,71	9,46	9,21	8,98																						
-7,5	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,71	9,46	9,21	8,98																						
-9	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,75	9,50	9,24	9,01																						
-10,5	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,80	9,50	9,24	9,01																						
-12	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,80	9,54	9,24																							
-13,5	9,64	9,64	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,80	9,50	9,21																							
-15	8,77	9,79	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,80	9,50	9,18																							
-16,5	9,11	9,94	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,75	9,42																								
-18	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,71	9,35																								
-19,5	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,58																									
-21	10,00	10,00	10,00			10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,95																								





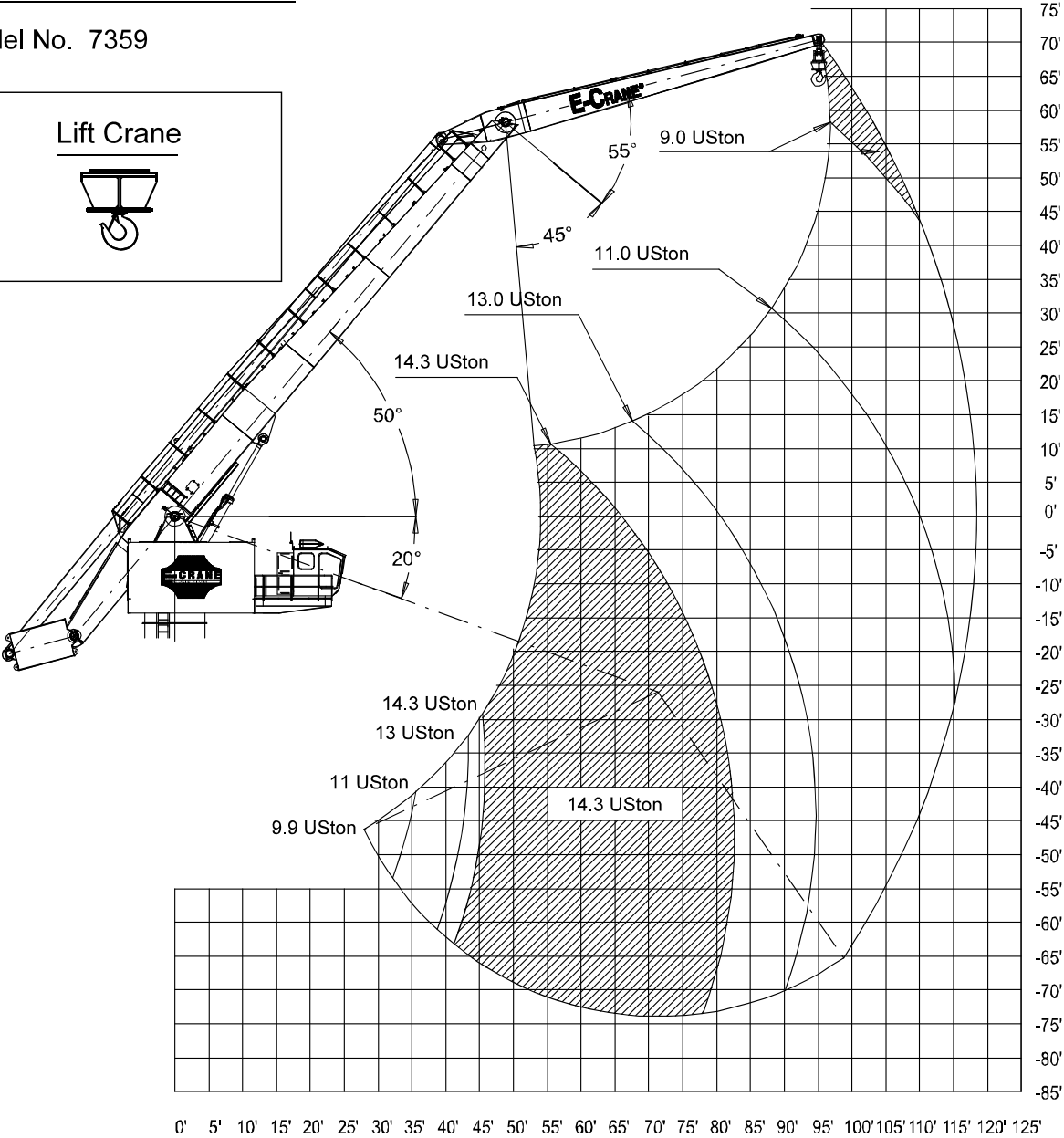
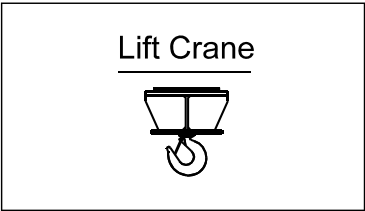
E-Crane 7359

LIFT CRANE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 7359



Docnr.:ALI2006-011



E-Crane 7359

CAPACITY CHART (USton) / Lift Crane Operation																					
HEIGHT Relative to BOOM- PIN		E-Crane 7359																			
		REACH (ft)																			
Relative to BOOM- PIN (ft)	32	36,5	41	45,5	50	54,5	59	63,5	68	72,5	77	81,5	86	90,5	95	99,5	104	108,5	113	117,5	
64	Load (Uston) Max.Reach (ft)																				
59,5	9,02																				
55	9,02																				
50,5	9,05 9,02																				
46	9,30 9,16 9,05																				
41,5	9,54 9,30 9,16 9,03																				
37	9,80 9,54 9,30 9,11																				
32,5	10,52 10,12 9,80 9,48 9,26 9,07																				
28	11,45 11,01 10,52 10,12 9,73 9,43 9,16																				
23,5	11,80 11,67 11,52 11,01 10,52 10,04 9,60 9,30																				
19	12,18 11,98 11,80 11,67 11,45 10,88 10,31 9,87 9,48																				
14,5	12,65 12,40 12,18 11,98 11,80 11,63 11,29 10,76 10,12 9,66																				
10	13,73 14,01 13,64 12,92 12,65 12,40 12,18 11,98 11,75 11,60 11,15 10,42 9,87																				
5,5	14,01 14,30 14,01 13,64 13,22 12,92 12,59 12,35 12,13 11,89 11,71 11,52 10,76 10,12 9,54																				
1	14,30 14,30 14,30 14,30 14,01 13,55 13,15 12,85 12,52 12,29 12,03 11,80 11,60 11,15 10,31 9,66																				
-3,5	14,30 14,30 14,30 14,30 14,30 13,82 13,47 13,07 12,72 12,46 12,18 11,93 11,71 11,45 10,52 9,80																				
-8	14,30 14,30 14,30 14,30 14,30 14,11 13,73 13,30 12,92 12,59 12,29 12,03 11,80 11,56 10,76																				
-12,5	14,30 14,30 14,30 14,30 14,30 14,30 13,91 13,47 13,07 12,72 12,40 12,13 11,89 11,63 11,01																				
-17	14,30 14,30 14,30 14,30 14,30 14,30 13,73 13,30 12,85 12,52 12,23 11,93 11,67 11,15																				
-21,5	14,30 14,30 14,30 14,30 14,30 14,30 13,91 13,38 13,00 12,65 12,29 12,03 11,71 11,29																				
-26	14,30 14,30 14,30 14,30 14,30 14,30 14,01 13,55 13,15 12,72 12,40 12,08 11,75 11,45																				
-30,5	14,30 14,30 14,30 14,30 14,30 14,30 14,20 13,64 13,22 12,78 12,46 12,13 11,80 11,45																				
-35	14,30 14,30 14,30 14,30 14,30 14,30 14,30 13,73 13,30 12,85 12,46 12,13 11,80																				
-39,5	13,70 13,33 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 13,82 13,30 12,92 12,52 12,13 11,80																				
-44	11,78 12,31 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 13,82 13,38 12,92 12,52 12,13 11,75																				
-48,5	10,88 11,56 12,64 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 13,82 13,30 12,92 12,46 12,08																				
-53	11,01 11,78 12,98 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 13,82 13,30 12,85 12,40 11,98																				
-57,5	12,03 13,70 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 13,73 13,22 12,78 12,35																				
-62	14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,20 13,64 13,15 12,65 12,18																				
-66,5	14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,11 13,55 13,00 12,52																				
-71	14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 14,30 13,91																				

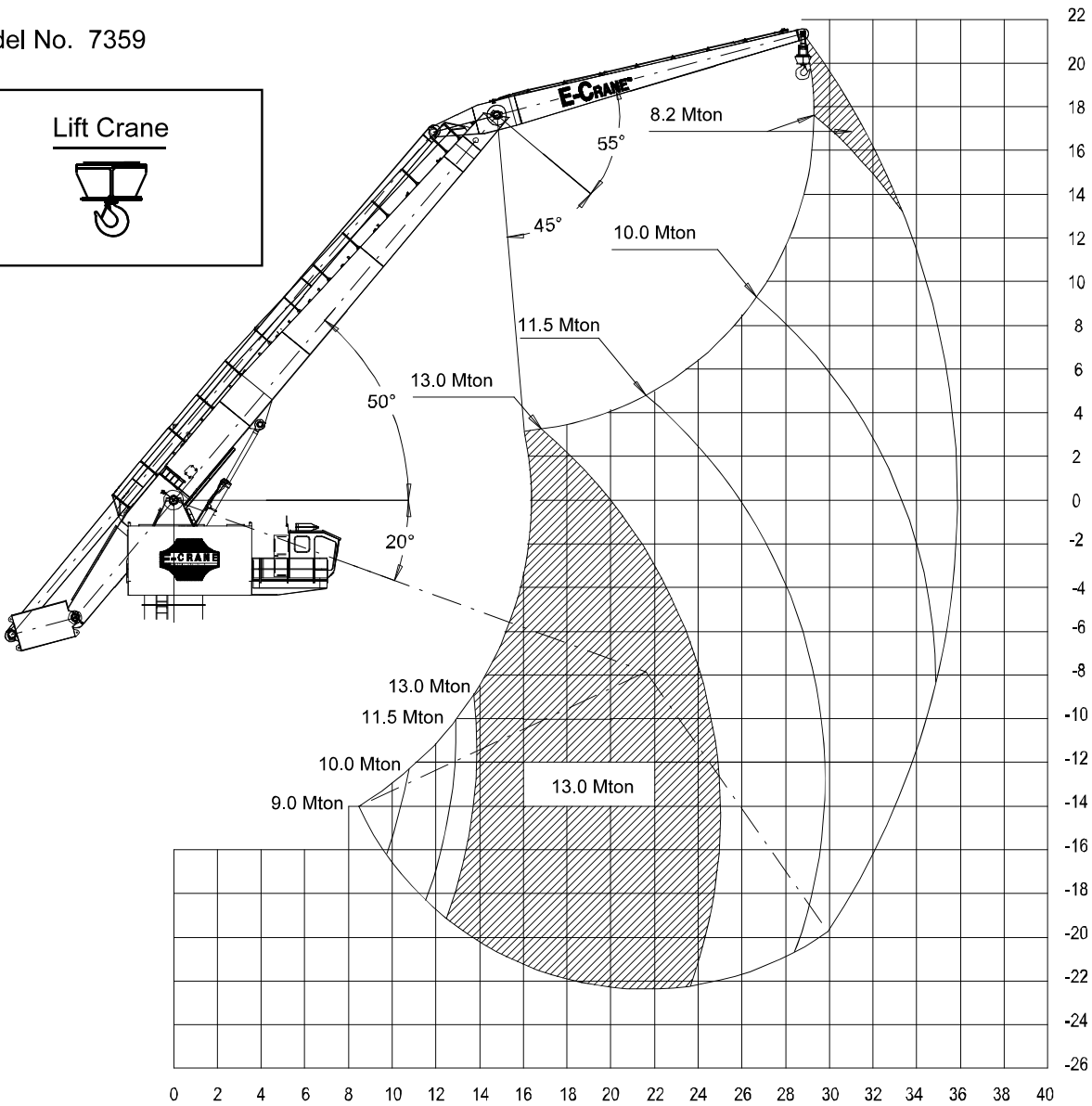
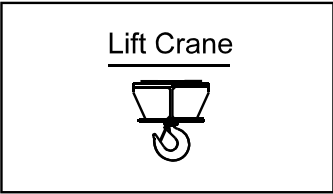


E-Crane 7359

Load Chart (Mton/m)

Capacity Chart E-Crane®

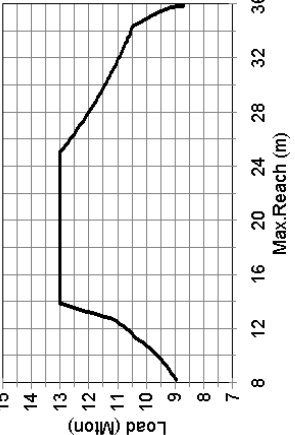
Model No. 7359

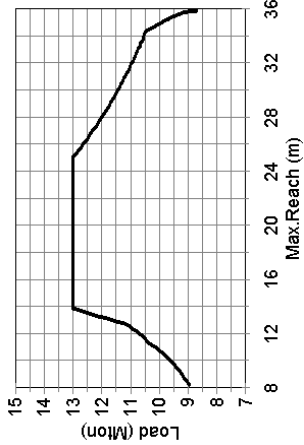


Docnr.:ALI2006-012



E-Crane 7359

CAPACITY CHART (Mton) / Lift Crane Operation																				
HEIGHT Relative to BOOM- PIN (m)		E-Crane 7359																		
		REACH (m)																		
		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
18																	8,20	8,20		
16,5																	8,22	8,20		
15																	8,30	8,22	8,20	
13,5																	8,45	8,30	8,21	
12																9,29	8,98	8,67	8,45	8,28
10,5															10,14	9,67	9,29	8,91	8,62	8,35
9														11,03	10,54	10,27	9,67	9,20	8,84	8,49
7,5																				
6																				
4,5																				
3																				
1,5																				
0																				
-1,5																				
-3																				
-4,5																				
-6																				
-7,5																				
-9																				
-10,5																				
-12																				
-13,5																				
-15																				
-16,5																				
-18																				
-19,5																				
-21																				





E-Crane 7359

SPECIFICATIONS

	<i>Specifications English (**)</i>	<i>Specifications Metric (**)</i>
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'-4.11/16"	43,705 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	211,6 gpm	800 L/min
Swing	64,8 gpm	245 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	41'-6.7/8"	14,5 m
Total Weight Superstructure*	343,200 lbs	156.000 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.

Alle rechten voorbehouden. Niets uit deze uitgave mag worden verveelvoudigd, opgeslagen in een geautomatiseerd gegevensbestand, of openbaar gemaakt, in enige vorm of op enige wijze, hetzij elektronisch, mechanisch, door fotocopieën, opnamen of enige andere manier, zonder voorafgaande schriftelijke toestemming van nv Indusign (België).

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the written permission of nv Indusign (Belgium).

Alle Rechte vorbehalten. Nachdruck, Aufnahme in ein Retrieval-System, jedwede elektronische, mechanische, fotokopierte, oder andere Übertragung, auch auszugsweise, ist ohne ausdrücklicher, schriftlicher Genehmigung von nv Indusign (Belgien) verboten.

Ce manuel ne peut en aucune façon être copié, sans autorisation écrite du firme nv Indusign (Belgique).