

E-Crane[®] Capacity Charts

1000 Series

Model 7248

Model 7264

Model 7290

Model 7317

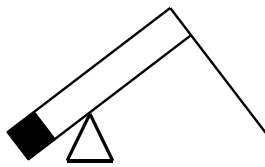
Model 7359

Model 7382

Model 7421

Model 7450





E-Crane[®] Capacity Charts

1000 Series

Model 7290

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

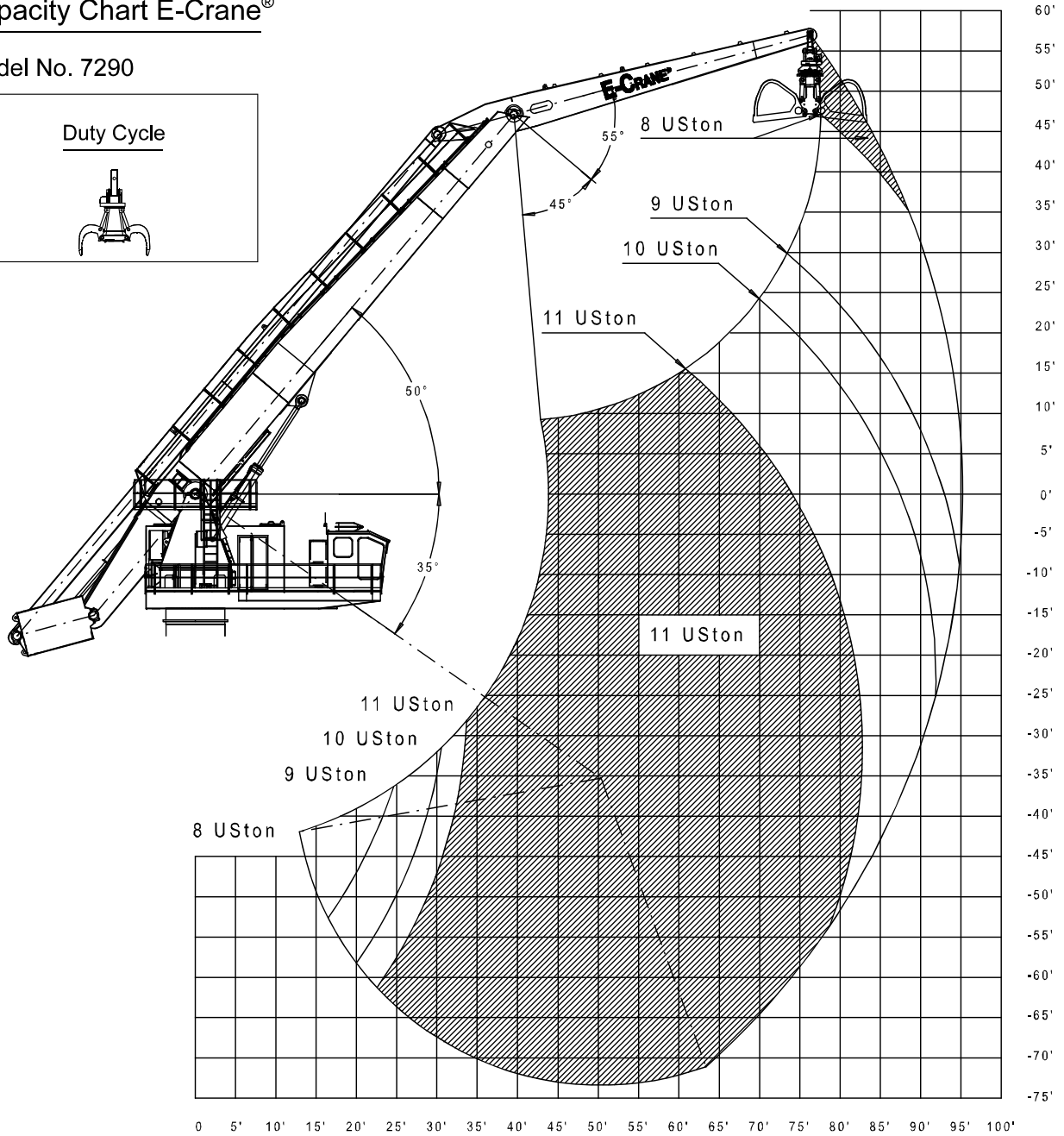
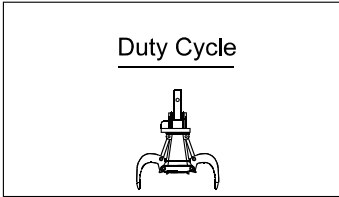


DUTY CYCLE OPERATION

Load Chart (USton/ft)

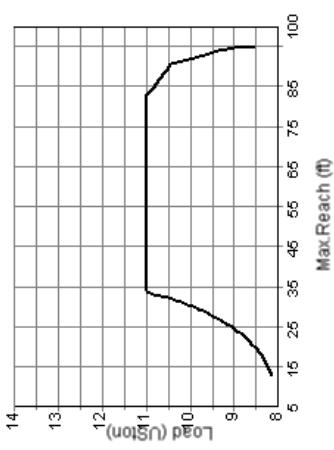
Capacity Chart E-Crane®

Model No. 7290



Docnr.:ALI2007-009

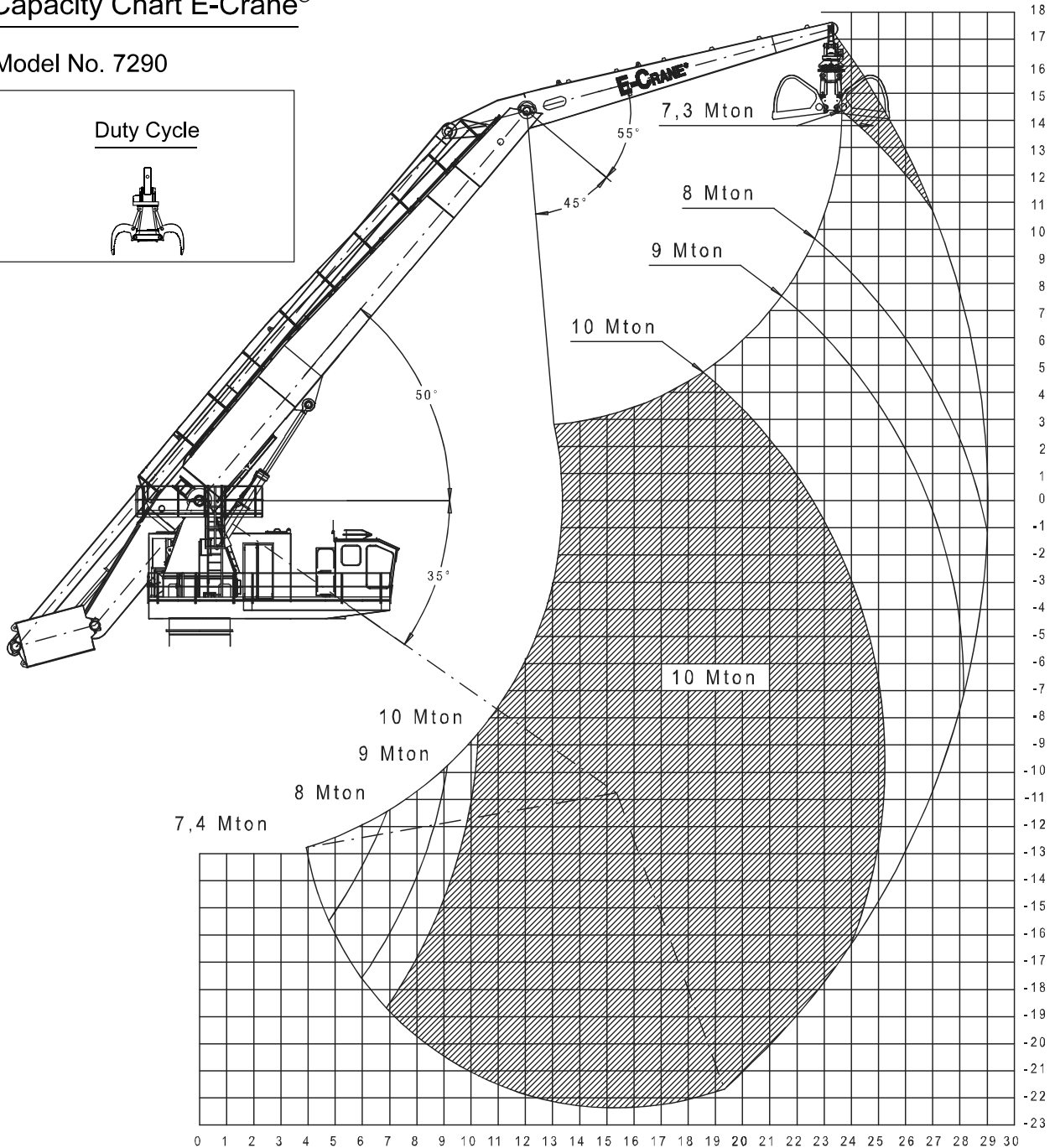
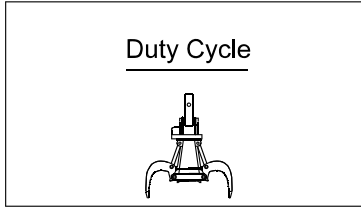
CAPACITY CHART (USton) / Duty Cycle Operation E-Crane 7290		REACH (ft)																	
		15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	
HEIGHT Relative to BOOM-PIN (ft)	50																		8,03
	45																		8,03
	40																		8,09 8,03
	35																		8,28 8,09
	30																		8,86 8,55 8,24 8,05
	25																		9,37 8,86 8,49 8,15
	20																		9,93 9,37 8,79 8,35
	15																		10,50 10,65 10,50 9,93 9,18 8,60
	10																		11,00 10,83 10,62 10,44 9,57 8,86
	5																		11,00 11,00 11,00 11,00 10,79 10,56 10,05 9,18 8,49
	0																		11,00 11,00 11,00 11,00 10,94 10,68 10,47 9,57 8,66
	-5																		11,00 11,00 11,00 11,00 11,00 11,00 10,79 10,56 9,93 8,86
	-10																		11,00 11,00 11,00 11,00 11,00 11,00 10,90 10,65 10,19
	-15																		11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00 10,72 10,44
	-20																		11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00 10,79 10,47
	-25																		11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00 10,83 10,50
	-30																		11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00 10,83 10,47
	-35																		11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00 10,79
	-40																		9,47 9,69 10,33 11,00 11,00 11,00 11,00 11,00 10,75
	-45																		8,55 8,86 9,69 10,81 11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
	-50																		9,27 10,05 11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00 10,98
	-55																		9,69 10,64 11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
	-60																		11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
	-65																		11,00 11,00 11,00 11,00 11,00 11,00 11,00 11,00
	-70																		11,00 11,00 11,00 11,00 11,00 11,00 11,00



Load Chart (Mton/m)

Capacity Chart E-Crane®

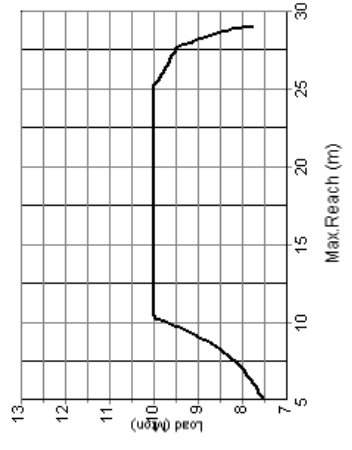
Model No. 7290



Docnr.:AL12007-008

CAPACITY CHART (Mton) / Duty Cycle Operation
E-Crane 7290

HEIGHT Relative to BOOM- PIN (m)	REACH (m)																
	4,5	6	7,5	9	10,5	12	13,5	15	16,5	18	19,5	21	22,5	24	25,5	27	28,5
16														7,30			
14,5														7,30			
13														7,33	7,30		
11,5														7,46	7,33		
10														7,68	7,46	7,31	
8,5													8,35	7,99	7,63	7,41	
7												9,62	8,81	8,35	7,93	7,56	
5,5												9,62	9,49	8,81	8,27	7,77	
4											10,00	9,98	9,77	9,62	8,61	8,05	7,59
2,5										10,00	10,00	10,00	9,95	9,74	9,14	8,35	7,77
1										10,00	10,00	10,00	10,00	9,91	9,68	8,70	7,99
-0,5										10,00	10,00	10,00	10,00	10,00	9,81	9,60	8,19
-2										10,00	10,00	10,00	10,00	10,00	9,91	9,68	8,35
-3,5										10,00	10,00	10,00	10,00	10,00	10,00	9,77	8,52
-5										10,00	10,00	10,00	10,00	10,00	10,00	9,84	8,61
-6,5										10,00	10,00	10,00	10,00	10,00	10,00	9,88	9,60
-8										10,00	10,00	10,00	10,00	10,00	10,00	9,91	9,62
-9,5										10,00	10,00	10,00	10,00	10,00	10,00	9,91	9,60
-11										10,00	10,00	10,00	10,00	10,00	10,00	9,91	
-12,5										10,00	10,00	10,00	10,00	10,00	10,00	9,91	
-14										10,00	10,00	10,00	10,00	10,00	10,00	9,91	
-15,5										10,00	10,00	10,00	10,00	10,00	10,00	9,91	
-17										10,00	10,00	10,00	10,00	10,00	10,00	9,91	
-18,5										10,00	10,00	10,00	10,00	10,00	10,00	9,91	
-20										10,00	10,00	10,00	10,00	10,00	10,00	9,91	
-21,5										10,00	10,00	10,00	10,00	10,00	10,00	9,91	

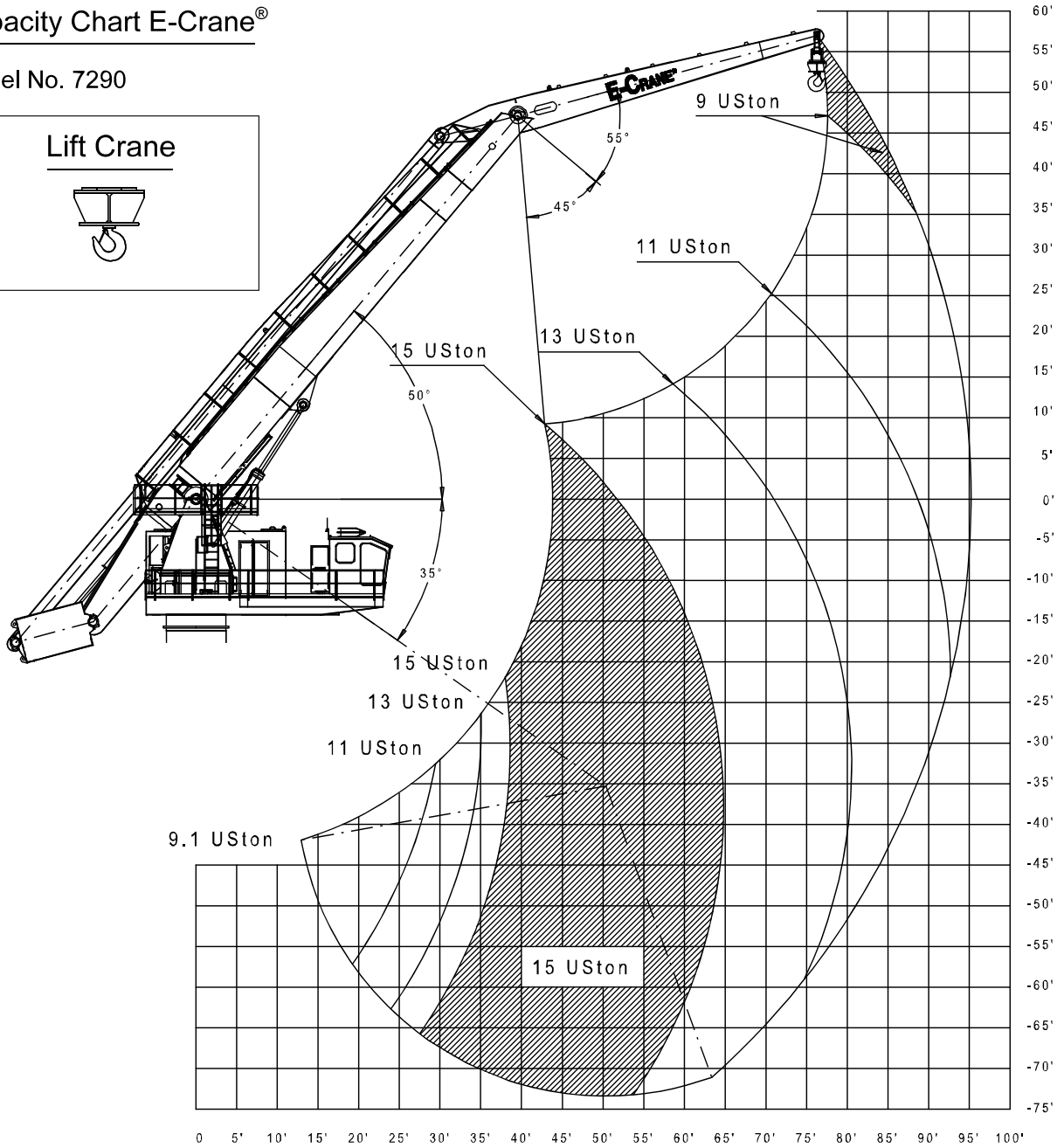
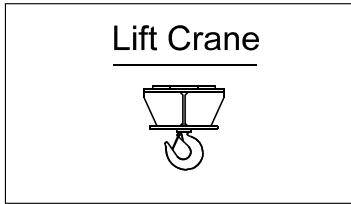


LIFT CRANE OPERATION

Load Chart (Uston/ft)

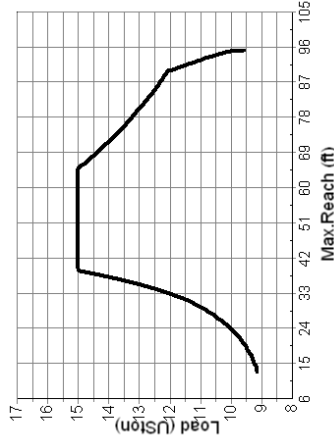
Capacity Chart E-Crane[®]

Model No. 7290



Docnr.:AL12007-011

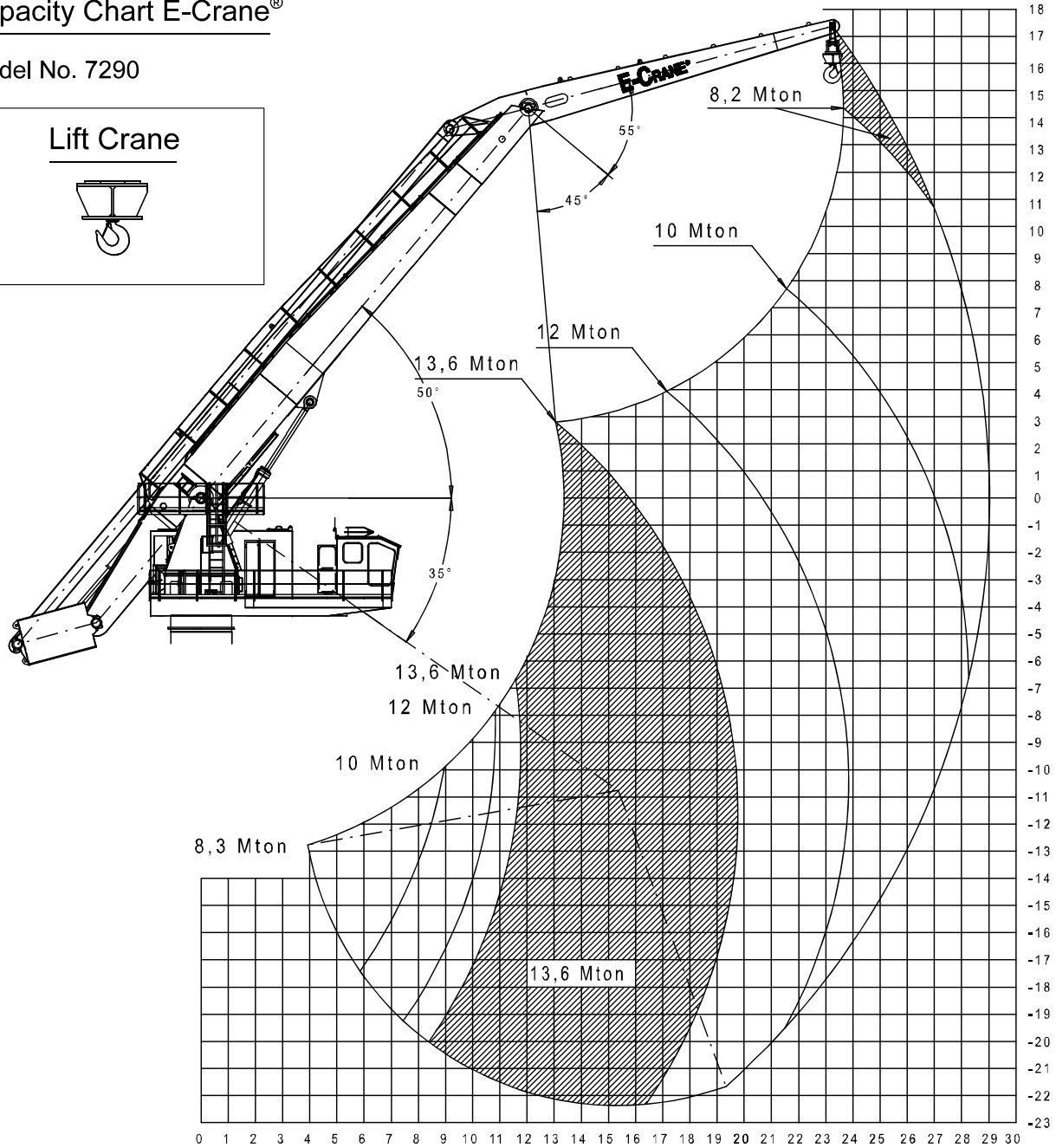
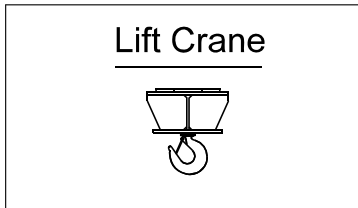
		CAPACITY CHART (USton) / Lift Crane Operation															
		E-Crane 7290															
HEIGHT Relative to BOOM- PIN (ft)	REACH (ft)																
	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
50														9,00			
45														9,00			
40														9,07	9,00		
35														9,28	9,07		
30													9,93	9,58	9,24	9,02	
25													10,50	9,93	9,52	9,14	
20												12,09	11,12	10,50	9,85	9,36	
15												12,85	12,53	12,09	11,12	10,29	9,64
10												13,16	12,85	12,53	12,25	11,75	10,73
5												13,59	13,16	12,80	12,48	12,17	11,27
0												14,07	13,51	13,03	12,68	12,34	11,93
-5												14,44	13,99	13,51	13,10	12,73	12,39
-10												15,00	14,63	14,34	14,07	13,74	13,42
-15												15,00	15,00	14,73	14,47	14,21	13,95
-20												15,00	15,00	14,73	14,47	14,21	13,95
-25												15,00	15,00	14,73	14,47	14,21	13,95
-30												15,00	15,00	14,73	14,47	14,21	13,95
-35												15,00	15,00	14,73	14,47	14,21	13,95
-40												15,00	15,00	14,73	14,47	14,21	13,95
-45												15,00	15,00	14,73	14,47	14,21	13,95
-50												15,00	15,00	14,73	14,47	14,21	13,95
-55												15,00	15,00	14,73	14,47	14,21	13,95
-60												15,00	15,00	14,73	14,47	14,21	13,95
-65												15,00	15,00	14,73	14,47	14,21	13,95
-70												15,00	15,00	14,73	14,47	14,21	13,95



Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 7290

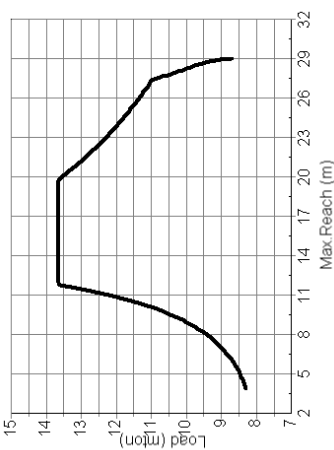


Docnr.:ALI2007-010

CAPACITY CHART (Mton) / Lift Crane Operation

E-Crane 7290

HEIGHT Relative to BOOM- PIN (m)	REACH (m)																		
	4,5	6	7,5	9	10,5	12	13,5	15	16,5	18	19,5	21	22,5	24	25,5	27	28,5		
16														8,18					
14,5														8,18					
13														8,21	8,18				
11,5														8,36	8,21				
10														8,60	8,36	8,19			
8,5													9,35	8,96	8,56	8,31			
7													9,87	9,35	8,89	8,47			
5,5												11,10	10,68	9,87	9,27	8,71			
4											11,85	11,58	11,30	11,10	10,53	9,65	8,51		
2,5									12,71	13,04	12,56	12,22	11,85	11,53	11,26	11,03	10,24	9,35	8,71
1									13,21	13,64	13,04	12,56	12,15	11,79	11,48	11,18	10,84	9,76	8,96
-0,5									13,64	13,64	13,48	12,95	12,42	12,03	11,68	11,34	11,06	10,11	9,18
-2									13,64	13,64	13,64	13,30	12,71	12,28	11,85	11,48	11,18	10,53	9,35
-3,5									13,64	13,64	13,64	13,64	13,04	12,49	12,03	11,63	11,30	10,84	9,55
-5									13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64
-6,5									13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64
-8									13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64
-9,5									13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64
-11									13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64
-12,5									13,00	11,78	11,01	10,53	10,23	9,45	9,65	9,87	11,01	11,48	11,44
-14									8,60	9,10	9,87	11,01	12,73	9,10	9,10	9,87	11,01	11,48	11,44
-15,5										9,45	10,24	11,57	13,29	9,45	10,24	11,57	13,29	12,28	11,68
-17										9,87	10,84	12,23	13,64	9,87	10,84	12,23	13,64	12,09	
-18,5										11,57	13,29	13,64	13,64	11,57	13,29	13,64	13,64	12,49	
-20										13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	12,15	
-21,5										13,64	13,64	13,64	13,64	13,64	13,64	13,64	13,64	12,15	



SPECIFICATIONS

	Specifications English (**)	Specifications Metric (**)
Operating Range:		
Minimum Outreach Range (from centerline of rotation)	12'-1.15/16"	3,935 m
Maximum Outreach (from centerline of rotation)	95'-2.11/16"	29,025 m
Downreach Range (below main boom pivot point)	73'-4.1/8"	22,355 m
Lifting Range (vertical lift)	130'-3.13/16"	39,720 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
Power:		
Power Supply	3-Phase 480 Volts AC, 60 Hz	3-Phase 380 Volts AC, 50Hz
Electrical Motor	250 hp	200 kW
Hydraulic Pump Output		
Implement	211 gpm	800 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	61'-6.3/16"	18,75 m
Stick Length	38'-11.15/16"	11,6 m
Total Weight Superstructure(*)	295,240 lbs	134.200 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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