

E-Crane[®] Capacity Charts

1500 Series B

Model 11248

Model 11264

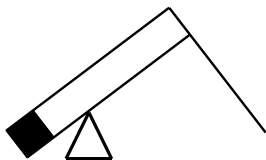
Model 11264 *plus*

Model 10290

Model 9317

Model 9359





E-Crane[®] Capacity Charts
1500 Series B
Model 10290

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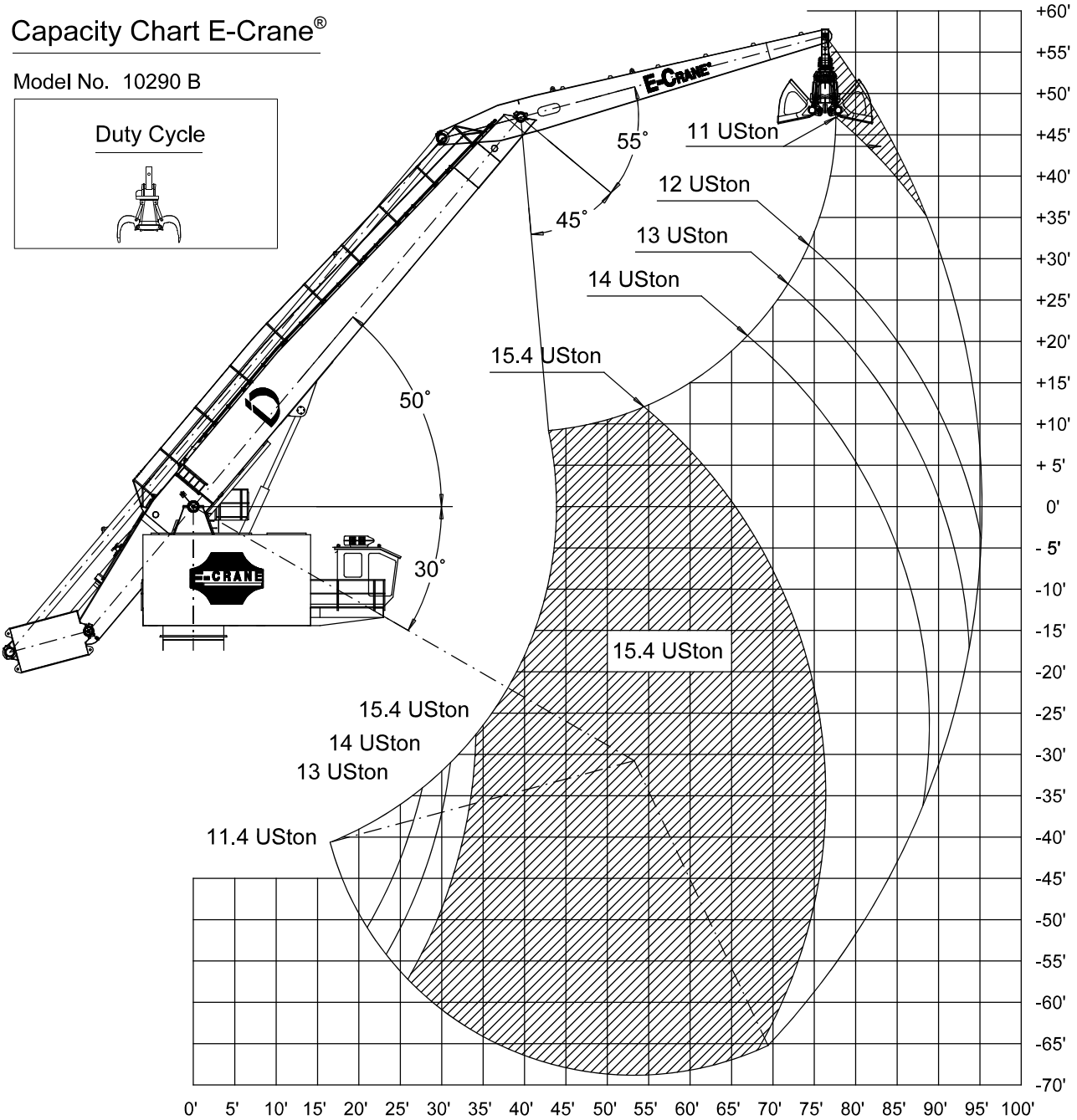
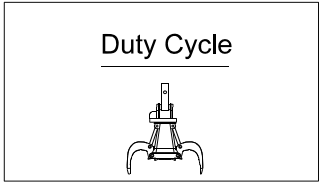
E-Crane® 10290 B

DUTY CYCLE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 10290 B



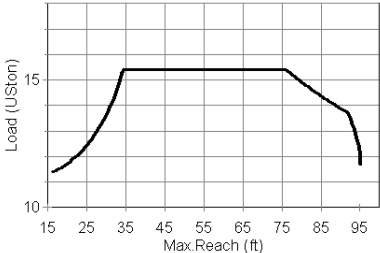
Docnr.: ALI2005-024



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Doc.nr.: PW001.10290b.Load Capacity Chart.wpd

1500/10290 B-p.4

VERSION : 1.00
DATE : 29-11-2005

HEIGHT Relative to BOOM- PIN (ft)	CAPACITY CHART (USton) / Duty Cycle Operation																								
	E-Crane 10290 B																								
	REACH (ft)																								
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95									
45													11,00												
40													11,08					11,00							
35													11,34					11,08							
30																		12,14					11,71	11,29	11,03
25																		12,83					12,14	11,63	11,17
20											13,90	13,60	12,83	12,04	11,44										
15											14,74	14,38	14,13	13,90	13,60	12,58	11,78								
10						15,40					15,40	15,08	14,74	14,38	14,08	13,82	13,12	12,14							
5						15,40					15,40	15,40	15,40	15,08	14,67	14,33	13,99	13,71	12,58	11,63					
0						15,40					15,40	15,40	15,40	15,40	14,93	14,55	14,17	13,86	13,12	11,86					
-5						15,40					15,40	15,40	15,40	15,40	15,22	14,74	14,33	13,99	13,60	12,14					
-10						15,40					15,40	15,40	15,40	15,40	15,40	15,00	14,49	14,13	13,75						
-15						15,40					15,40	15,40	15,40	15,40	15,40	15,15	14,67	14,22	13,82						
-20						15,40					15,40	15,40	15,40	15,40	15,40	15,30	14,80	14,33	13,86						
-25						15,40					15,40	15,40	15,40	15,40	15,40	15,40	14,87	14,38	13,90						
-30						15,40					15,40	15,40	15,40	15,40	15,40	15,40	14,93	14,38	13,86						
-35						15,29					15,40	15,40	15,40	15,40	15,40	15,40	15,40	14,93	14,33						
-40	12,97	13,27	14,15	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	14,87	14,28										
-45	12,14	13,27	14,80	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	14,80											
-50		13,77	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,30	14,61											
-55		14,58	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,08													
-60			15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40	15,40														
-65				15,40	15,40	15,40	15,40	15,40	15,40																



E-Crane® 10290 B

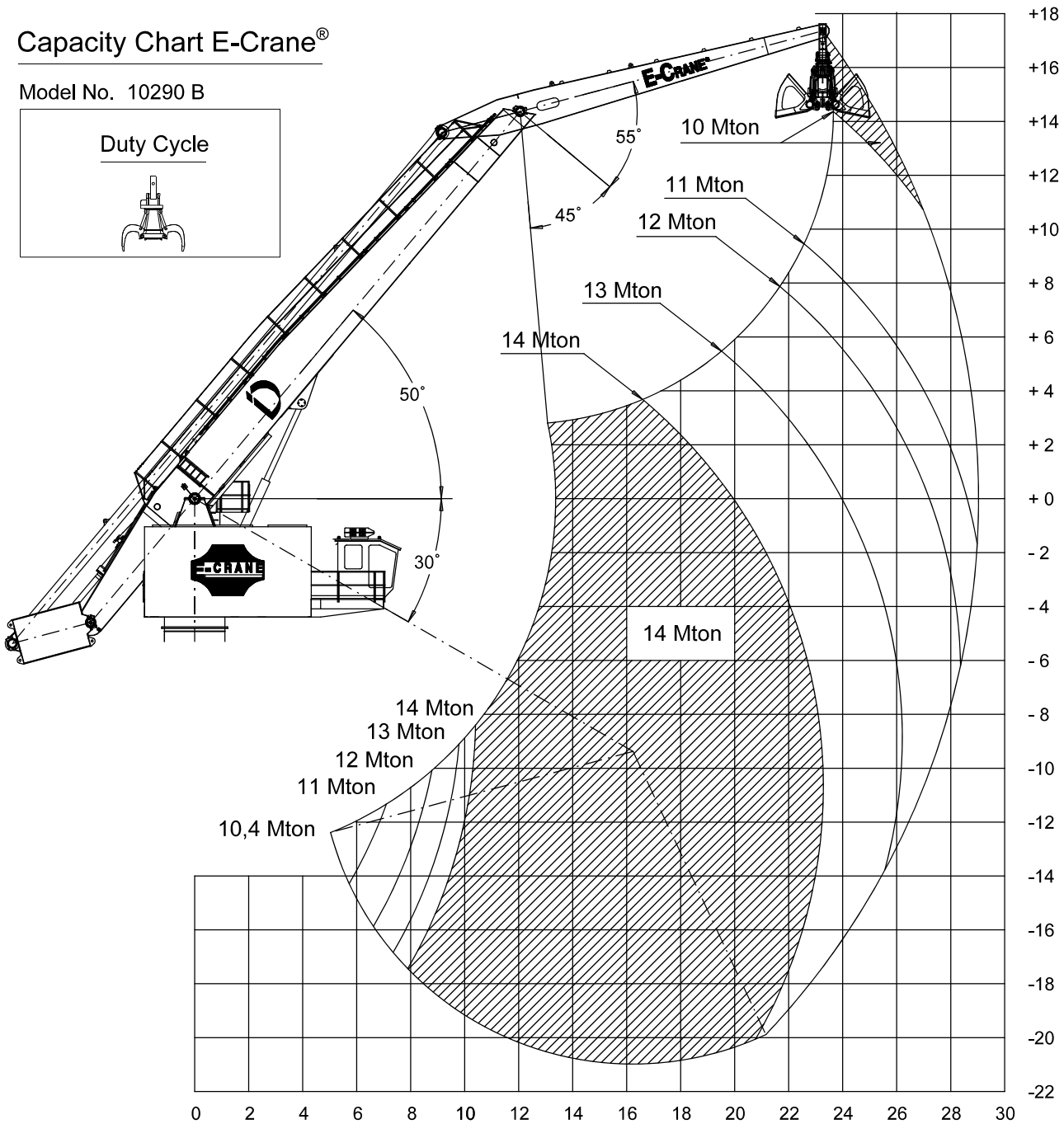
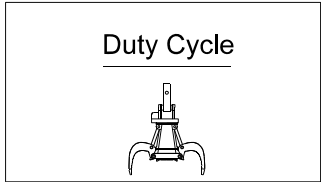


E-Crane® 10290 B

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 10290 B



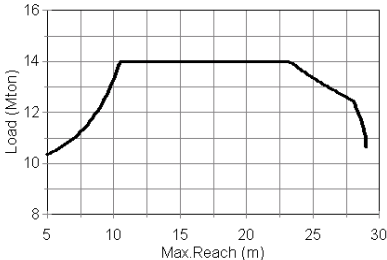
Docnr.: ALI2005-025



SUBJECT TO CHANGE
Doc.nr.: PW001.10290b.Load Capacity Chart.wpd

1500/10290 B-p.6

VERSION : 1.00
DATE : 29-11-2005

HEIGHT Relative to BOOM- PIN (m)	CAPACITY CHART (Mton) / Duty Cycle Operation																
	E-Crane 10290 B																
	REACH (m)																
	6,5	8	9,5	11	12,5	14	15,5	17	18,5	20	21,5	23	24,5	26	27,5	29	
15													10,00				
13,5													10,00				
12													10,08		10,00		
10,5													10,58		10,31	10,08	
9													11,03		10,64	10,26	10,02
7,5											12,36	11,67	11,03	10,58	10,19		
6											12,64	12,36	11,55	10,95	10,40		
4,5									13,34	13,07	12,84	12,60	12,21	11,43	10,71		
3							14,00	14,00	13,70	13,34	13,07	12,80	12,56	11,92	11,03		
1,5							14,00	14,00	14,00	14,00	13,64	13,28	12,98	12,72	12,46	11,43	
0							14,00	14,00	14,00	14,00	13,98	13,58	13,18	12,89	12,56	11,79	10,79
-1,5							14,00	14,00	14,00	14,00	14,00	13,77	13,40	13,03	12,72	12,21	
-3							14,00	14,00	14,00	14,00	14,00	14,00	13,58	13,18	12,80	12,50	
-4,5							14,00	14,00	14,00	14,00	14,00	14,00	13,70	13,28	12,89	12,53	
-6						14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,84	13,40	12,98	12,60	
-7,5						14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,98	13,46	13,03	12,60	
-9					14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,52	13,03	12,60	
-10,5				14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,52	13,03		
-12	12,06	12,21	13,25	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,52	12,98		
-13,5	11,22	12,21	13,67	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,98	13,40			
-15	11,67	12,87	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,91	13,28			
-16,5	13,46		14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	13,70				
-18	14,00			14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00	14,00					
-19,5	14,00				14,00	14,00	14,00	14,00	14,00	14,00							

INDUSIGN

E-Crane® 10290 B



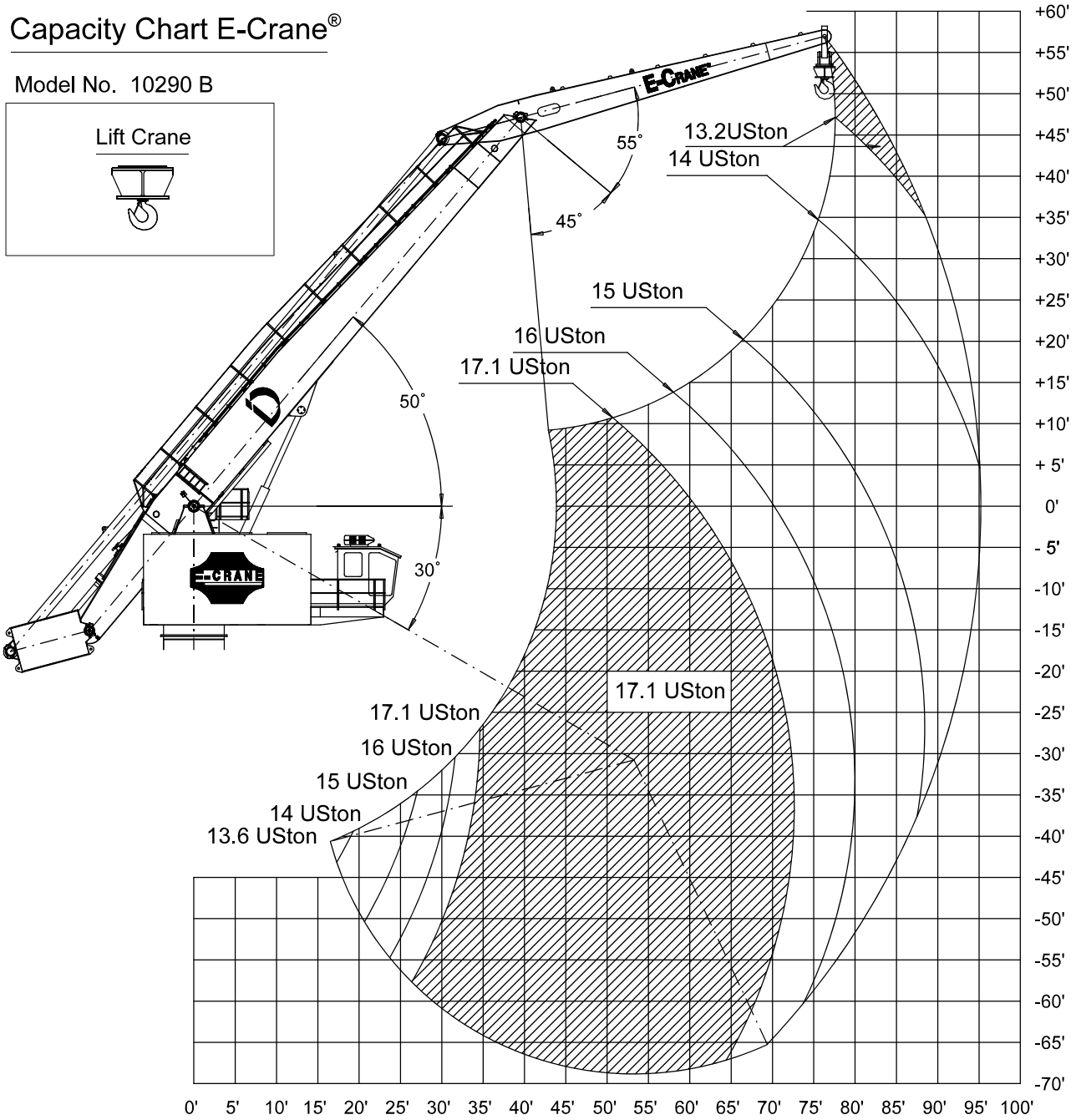
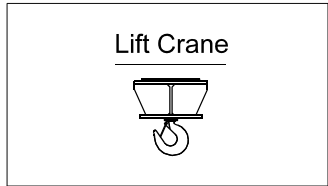
E-Crane® 10290 B

LIFT CRANE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 10290 B



Docnr.: ALI2005-026

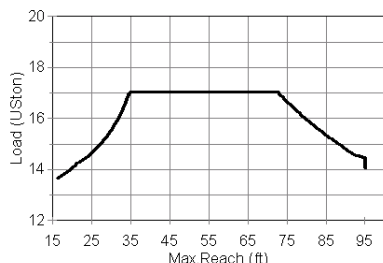


SUBJECT TO CHANGE
Doc.nr.: PW001.10290b.Load Capacity Chart.wpd

1500/10290 B-p.8

VERSION : 1.00
DATE : 29-11-2005

Relative to BOOM- PIN (ft)	CAPACITY CHART (USton) / Lift Crane Operation															
	E-Crane 10290 B															
	REACH (ft)															
20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	
45												13,20				
40												13,30	13,20			
35												13,60	13,30			
30												14,44	14,05	13,55	13,23	
25												14,50	14,44	13,96	13,40	
20											14,84	14,58	14,50	14,43	13,73	
15											15,08	14,84	14,58	14,48	14,14	
10						17,05	16,65	16,14	15,76	15,37	15,03	14,75	14,52	14,44		
5						17,05	17,05	17,05	16,65	16,14	15,69	15,31	14,93	14,62	14,48	13,96
0						17,05	17,05	17,05	17,05	16,56	15,98	15,56	15,14	14,79	14,52	14,24
-5						17,05	17,05	17,05	17,05	16,94	16,30	15,76	15,31	14,93	14,58	14,44
-10						17,05	17,05	17,05	17,05	17,05	16,56	16,06	15,49	15,08	14,66	
-15						17,05	17,05	17,05	17,05	17,05	16,84	16,22	15,69	15,19	14,75	
-20					17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,39	15,83	15,31	14,79	
-25					17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,56	15,91	15,37	14,84	
-30				17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,65	15,98	15,37	14,79	
-35			16,77	17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,65	15,98	15,31		
-40	15,06	15,28	15,93	17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,65	15,91	15,25		
-45	14,44	15,28	16,41	17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,56	15,83			
-50		15,65	16,96	17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,39	15,62			
-55		16,24	17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,04	16,14				
-60			17,05	17,05	17,05	17,05	17,05	17,05	17,05	17,05	16,65					
-65					17,05	17,05	17,05	17,05	17,05	17,05						



E-Crane® 10290 B



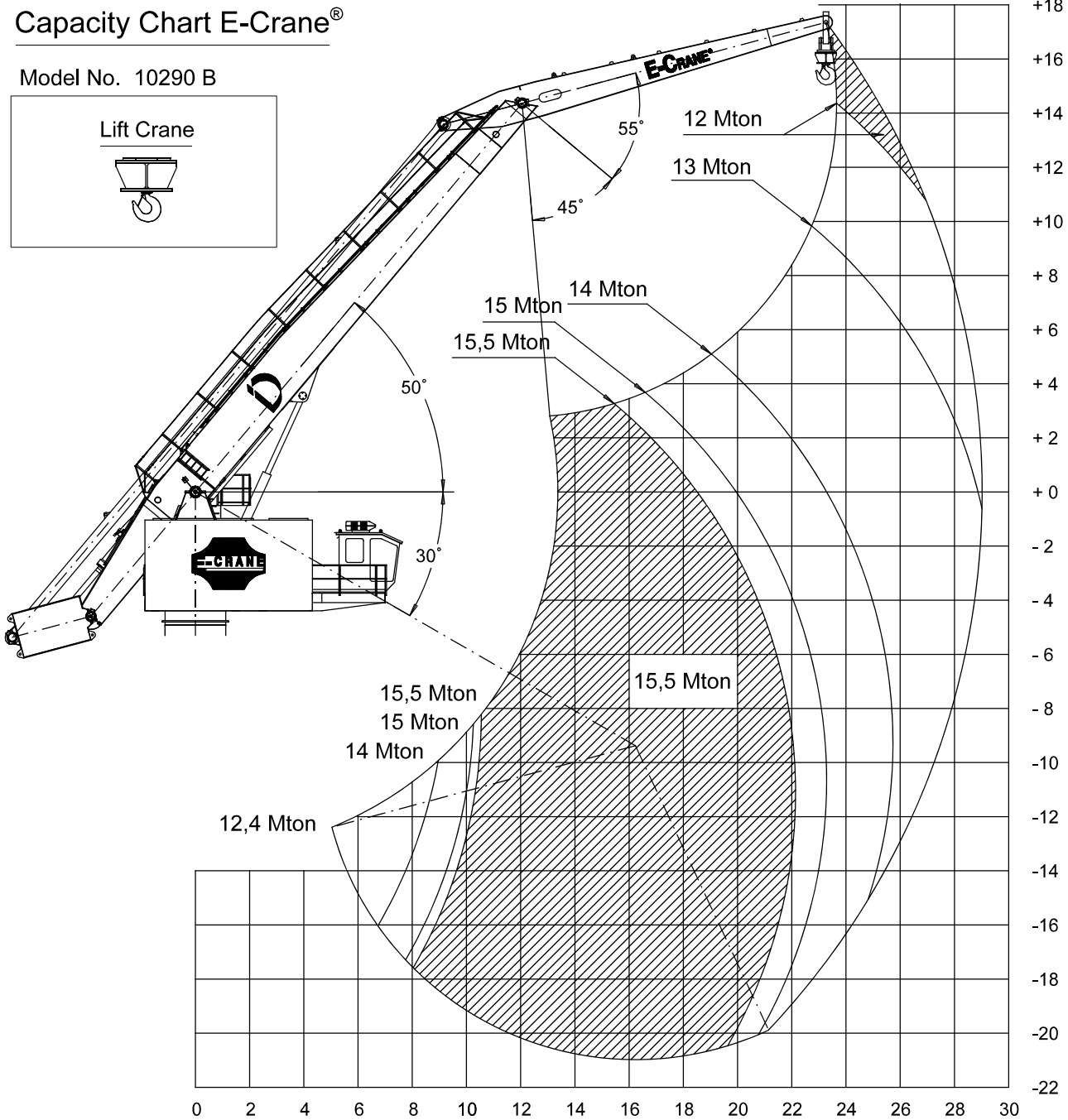
E-Crane® 10290 B

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 10290 B

Lift Crane



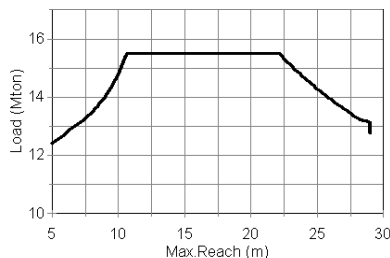
Docnr.: ALI2005-027



HEIGHT Relative to BOOM- PIN (m)	CAPACITY CHART (Mton) / Lift Crane Operation																									
	E-Crane 10290 B																									
	REACH (m)																									
	6,5	8	9,5	11	12,5	14	15,5	17	18,5	20	21,5	23	24,5	26	27,5	29										
15													12,00													
13,5													12,00													
12														12,09	12,00											
10,5														12,69	12,37	12,09										
9														13,12	12,77	12,32	12,03									
7,5														13,26	13,19	13,12	12,69	12,22								
6														13,49	13,26	13,18	13,11	12,48								
4,5															14,27	13,97	13,71	13,45	13,22	13,17	12,85					
3																15,50	15,06	14,67	14,27	13,97	13,66	13,41	13,20	13,12		
1,5																15,50	15,50	15,50	15,06	14,60	14,20	13,86	13,57	13,29	13,17	
0																15,50	15,50	15,50	15,49	14,98	14,53	14,08	13,76	13,41	13,19	12,94
-1,5																15,50	15,50	15,50	15,50	15,31	14,75	14,33	13,92	13,57	13,22	
-3																15,50	15,50	15,50	15,50	15,50	15,06	14,53	14,08	13,66	13,33	
-4,5																15,50	15,50	15,50	15,50	15,50	15,22	14,67	14,20	13,76	13,37	
-6																15,50	15,50	15,50	15,50	15,50	15,50	15,49	14,82	14,33	13,86	13,45
-7,5																15,50	15,50	15,50	15,50	15,50	15,50	15,50	14,98	14,39	13,92	13,45
-9																15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,06	14,46	13,92	13,45
-10,5																15,42	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,06	14,46	13,92
-12	13,89	13,99	14,76	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,06	14,46	13,86										
-13,5	13,27	13,99	15,07	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	14,98	14,33											
-15	13,60	14,48	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	14,90	14,20											
-16,5		14,91	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,40	14,67													
-18			15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,14														
-19,5				15,50	15,50	15,50	15,50	15,50	15,50	15,50																

Load (Mton)

Max Reach (m)





E-Crane® 10290 B

SPECIFICATIONS

	Specifications English (**)	Specifications Metric (**)
Operating Range:		
Minimum Outreach Range (from centerline of rotation)	16'-6.1/4"	5,035 m
Maximum Outreach (from centerline of rotation)	95'-3"	29,032 m
Downreach Range (below main boom pivot point)	68'-9.13/16"	20,975 m
Lifting Range (vertical lift)	125'-10.1/8"	38,357 m
Boom Operating Angles (above and below horizontal)	+50°/-30°	+50°/-30°
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	61'-6.3/16"	18,75 m
Stick Length	38'-11/16"	11,6 m
Total Weight Superstructure^(*)	349,800 lbs	159.000 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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