

E-Crane[®] Capacity Charts

1000 Series

Model 7248

Model 7264

Model 7290

Model 7317

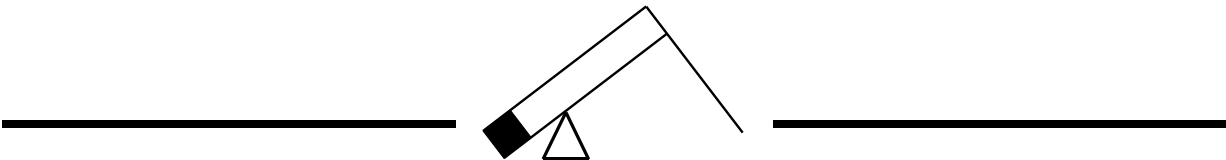
Model 7359

Model 7382

Model 7421

Model 7450





E-Crane® Capacity Charts
1000 Series
Model 7290

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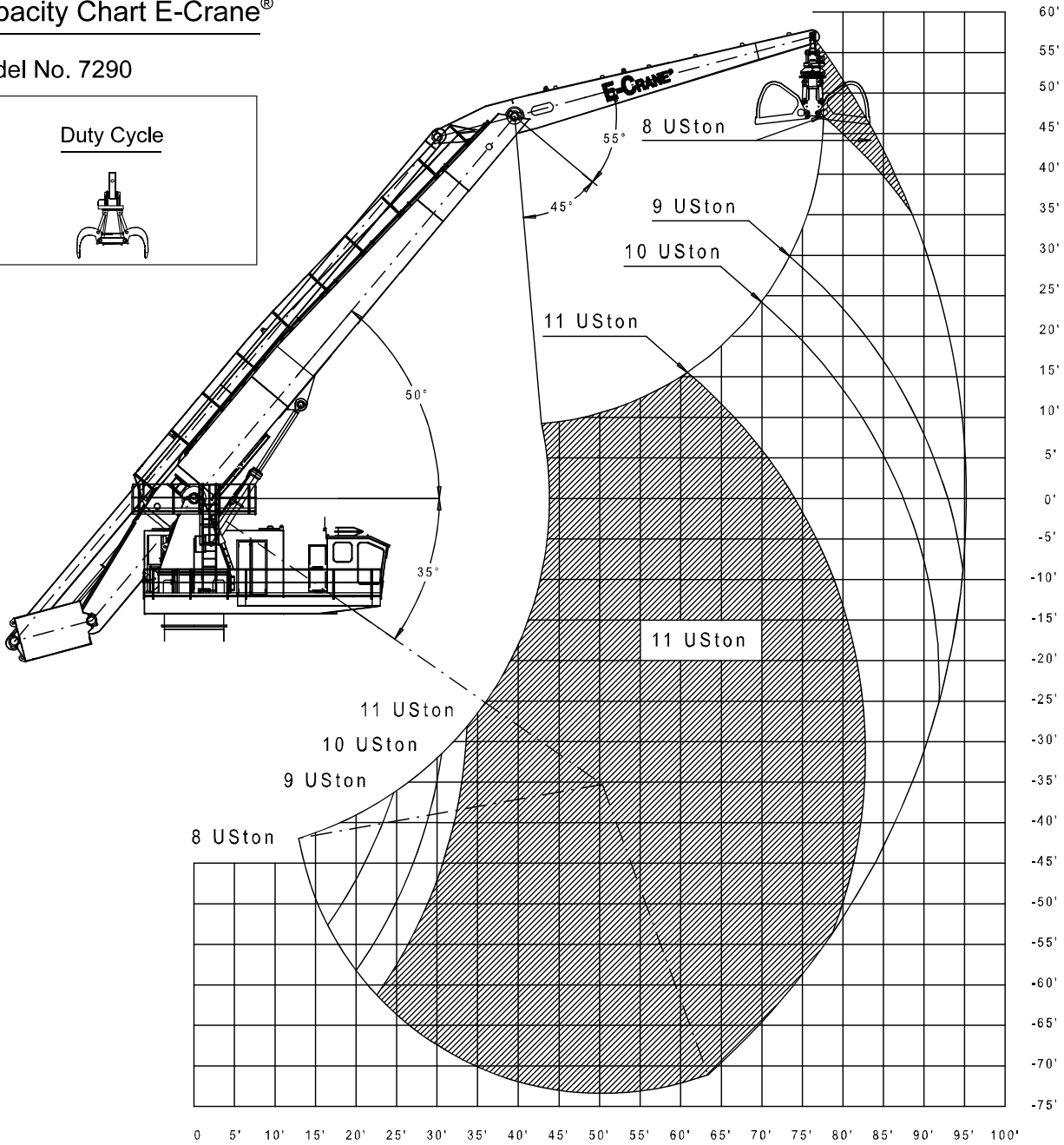
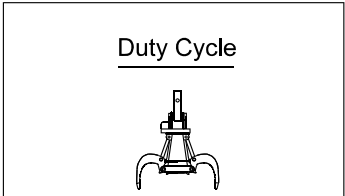
E-Crane® 7290

DUTY CYCLE OPERATION

Load Chart (USton/ft)

Capacity Chart E-Crane®

Model No. 7290

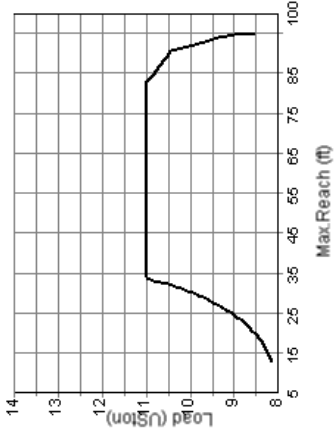


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E-Crane® 7290

CAPACITY CHART (USton) / Duty Cycle 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																	
45																	
40																	
35																	
30																	
25																	
20																	
15																	
10																	
5																	
0																	
-5																	
-10																	
-15																	
-20																	
-25																	
-30																	
-35																	
-40																	
-45																	
-50																	
-55																	
-60																	
-65																	
-70																	



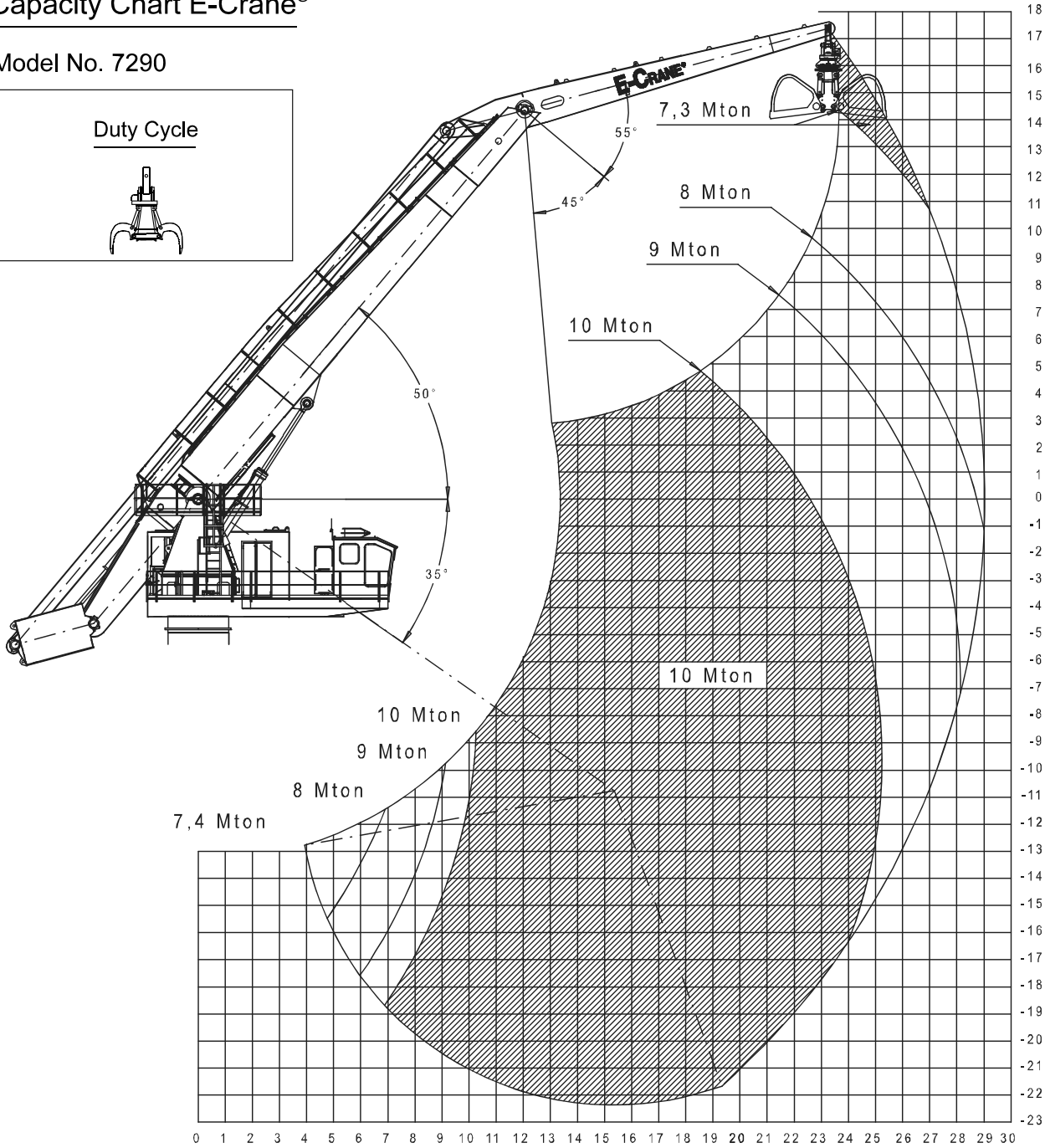
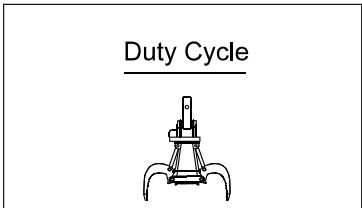


E-Crane® 7290

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 7290

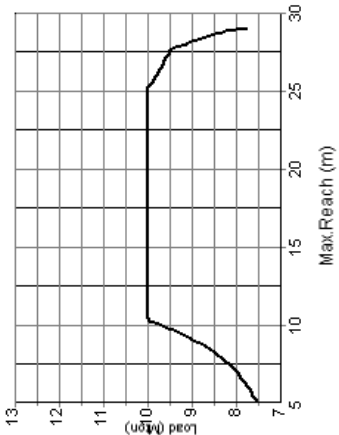


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E-Crane® 7290

CAPACITY CHART (Mton) / Duty Cycle Operation																	
HEIGHT Relative to BOOM- PIN (m)	E-Crane 7290																
	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																
11,5	7,46																
10	7,68																
8,5	7,99																
7	8,35																
5,5	8,81																
4	9,49																
2,5	9,62																
1	9,77																
-0,5	9,98																
-2	10,00																
-3,5	10,00																
-5	10,00																
-6,5	10,00																
-8	10,00																
-9,5	10,00																
-11	10,00																
-12,5	10,00																
-14	10,00																
-15,5	10,00																
-17	10,00																
-18,5	10,00																
-20	10,00																
-21,5	10,00																





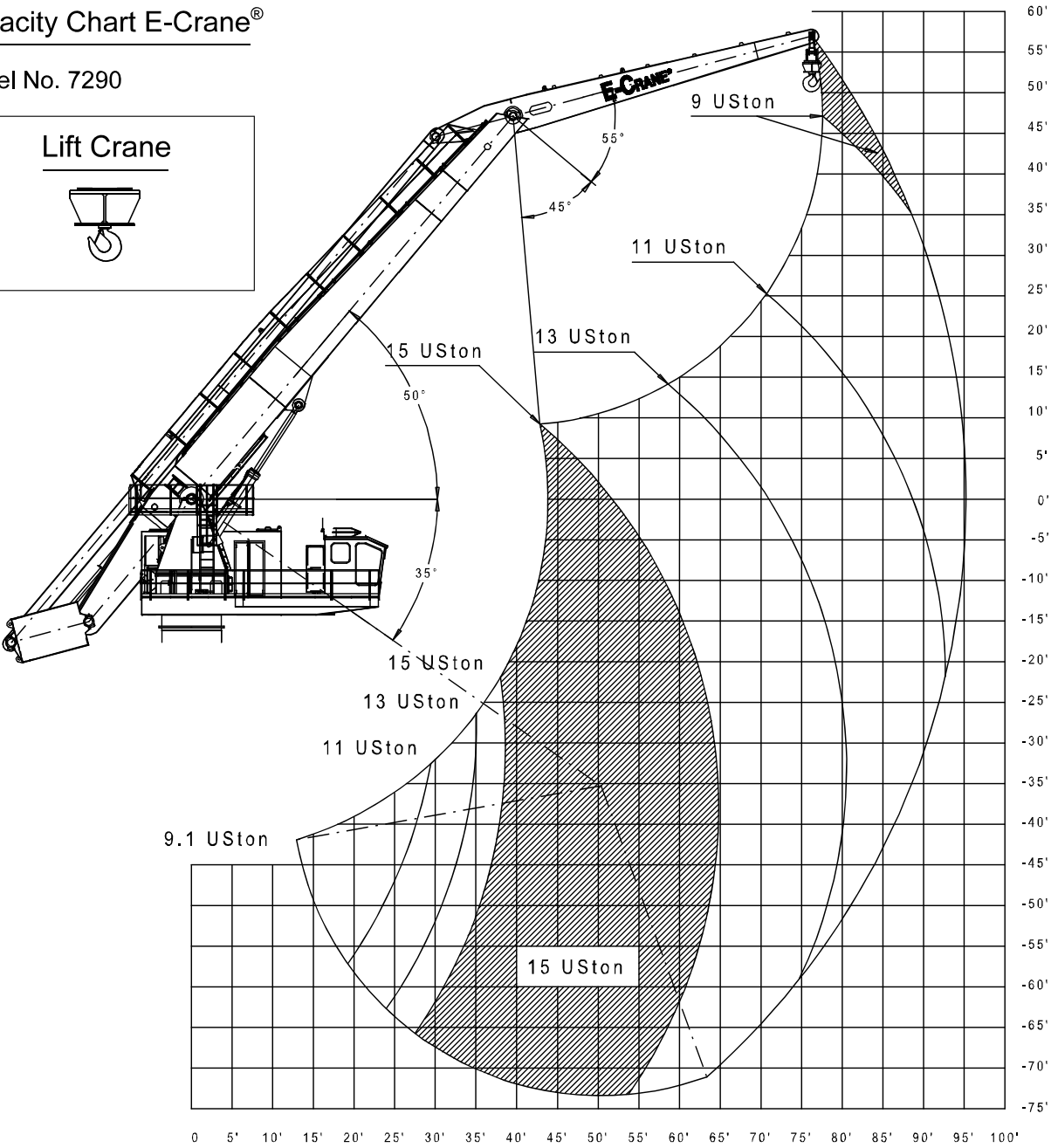
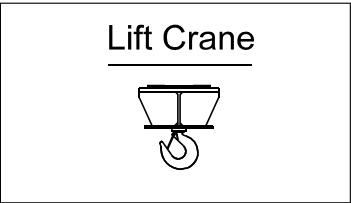
E-Crane® 7290

LIFT CRANE OPERATION

Load Chart (Uston/ft)

Capacity Chart E-Crane®

Model No. 7290



Docnr.:ALI2007-011



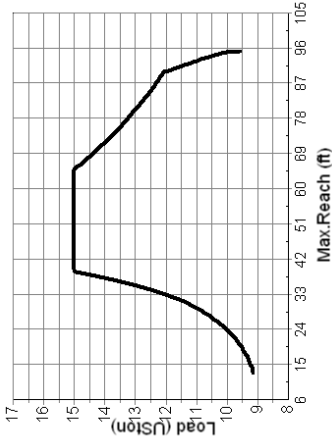
E-Crane® 7290

CAPACITY CHART (USton) / Lift Crane Operation
E-Crane 7290

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																
35	9,28																
30	9,93																
25	10,50																
20	11,12																
15	12,09																
10	12,29																
5	12,53																
0	12,85																
-5	13,16																
-10	13,59																
-15	14,07																
-20	14,63																
-25	15,00																
-30	15,00																
-35	15,00																
-40	15,00																
-45	15,00																
-50	15,00																
-55	15,00																
-60	15,00																
-65	15,00																
-70	15,00																

Load (USton)

Max.Reach (ft)



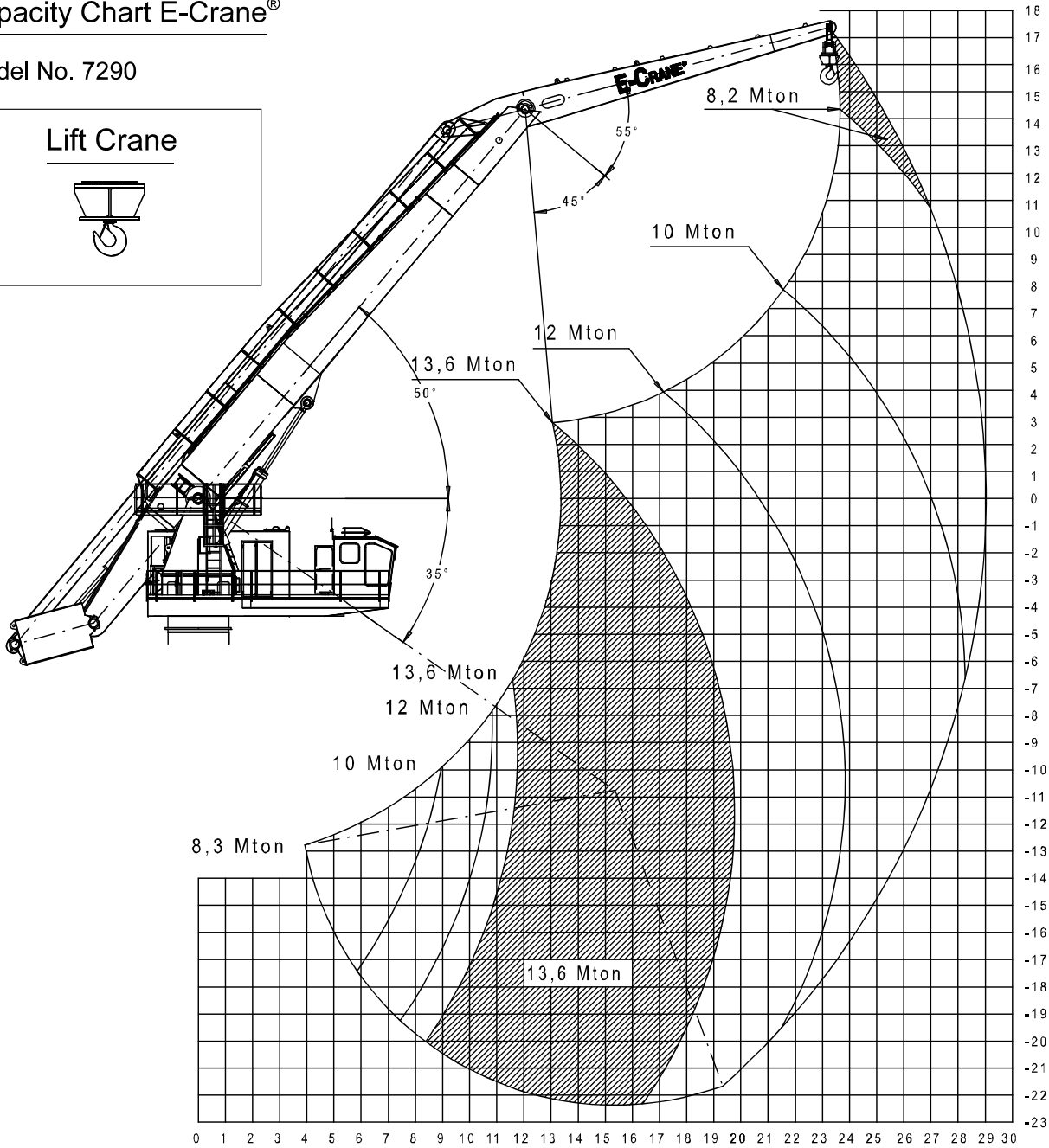
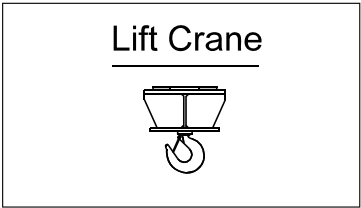


E-Crane® 7290

Load Chart (Mton/m)

Capacity Chart E-Crane®

Model No. 7290

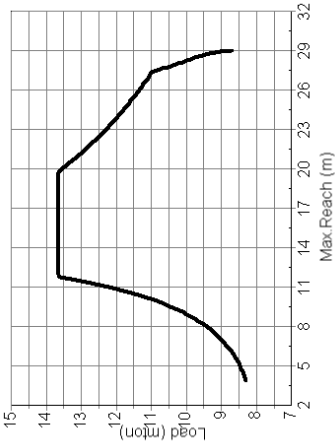


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E-Crane® 7290

CAPACITY CHART (Mton) / Lift Crane Operation																	
HEIGHT Relative to BOOM- PIN (m)	E-Crane 7290																
	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 9,03 8,51																
2,5	12,22 11,85 11,53 11,26 11,03 10,24 9,35 8,71																
1	13,04 12,56 12,15 11,79 11,48 11,18 10,84 9,76 8,96																
-0,5	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 13,30 12,71 12,28 11,85 11,48 11,18 10,53 9,35																
-3,5	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 13,30 12,71 12,22 11,74 11,39 11,03 9,65																
-6,5	13,64 13,64 13,64 13,64 13,64 13,48 12,87 12,35 11,85 11,44 11,06																
-8	13,64 13,64 13,64 13,64 13,64 13,64 12,95 12,42 11,91 11,48 11,10																
-9,5	13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,04 12,49 11,97 11,48 11,06																
-11	13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,12 12,49 11,97 11,48																
-12,5	13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,12 12,49 11,91 11,44																
-14	8,60 9,45 9,10 12,73 13,64 13,64 13,64 13,64 13,64 13,04 12,42 11,85																
-15,5	9,45 10,24 11,57 13,29 13,64 13,64 13,64 13,64 13,64 13,58 12,87 12,28 11,68																
-17	9,87 10,84 12,23 13,64 13,64 13,64 13,64 13,64 13,64 13,39 12,71 12,09																
-18,5	11,57 13,29 13,64 13,64 13,64 13,64 13,64 13,64 13,12 12,49																
-20	13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,58 12,79 12,15																
-21,5	13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,64 13,12																





E-Crane® 7290

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 (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, 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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