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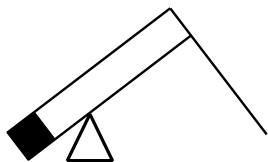
# **E-Crane<sup>®</sup> Capacity Charts**

## **MH1200 Series (Imperial)**

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Model MH11290CR-D  
PD-E

**Model MH10317CR-D**  
**PD-E**



**E-Crane<sup>®</sup> Capacity Charts**  
**Material Handlers MH1200 Series**  
**Model MH10317**

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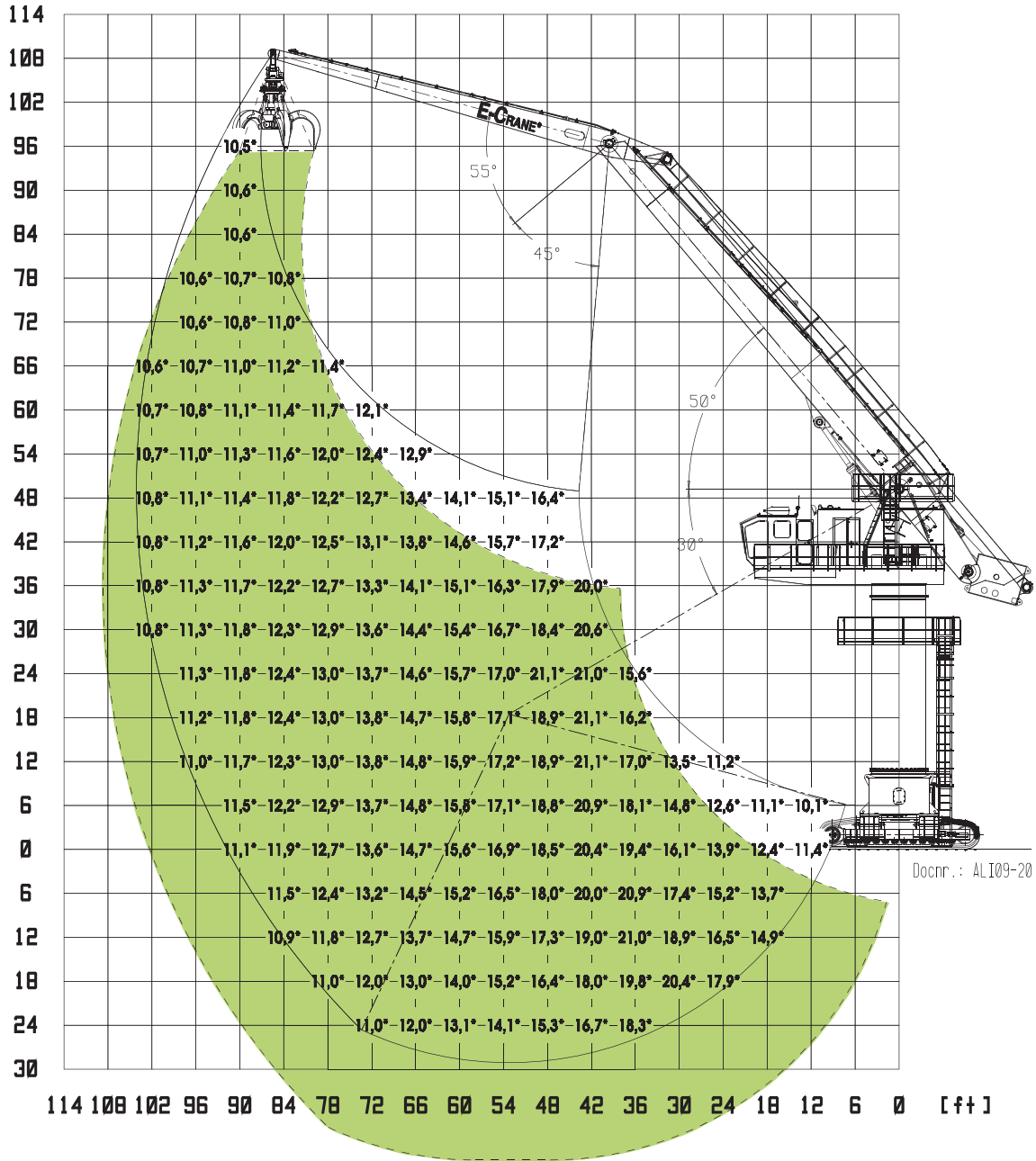
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**MH10317CR-D MATERIAL HANDLER**

**Rated Lift Capacity (USton/ft)**



Docnr. : ALI09-20

Lift Capacities are stated in US tonnes (USton) on the lifting gear's stick tip, and can be lifted 360° on firm, level supporting surface. The user shall make allowances for job conditions such as soft or uneven ground.

Lift Capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities (indicated via \*).  
Lift Capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.  
Lift Capacities are in compliance with SAE J2518 : APR2008

The mass of slings and any auxiliary lifting devices shall be deducted from the rated load to determine the net load that may be lifted.

The operator should be fully acquainted with the operator's manual and the operating safety manual furnished by the manufacturer before operating the machine.

The total mass of the machine is 371800 lbs. Included in this mass are 2.46ft double grouser shoes, 61.5ft boom, 47.5ft stick, 8.2ft 114070 lbs counterweight, all operating fluids and a 165 lbs operator.

## MH1200 Series Model 10317CR-D Material Handler, acc. SAE J2518: APR2008

R [ft]	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	Load @ max radius	
																	L [lbf]	R [ft]
H [ft]																	21300*	85,9
108																	21200*	89,8
102																	21150*	93,0
96																	21100*	95,8
90																	21100*	98,1
84																	21100*	100,1
78																	21150*	101,6
72																	21150*	102,8
66																	21200*	103,6
60																	21200*	104,0
54																	21300*	104,1
48																	21400*	103,9
42																	21450*	103,3
36																	21500*	102,3
30																	21600*	101,0
24																	21650*	99,3
18																	21700*	97,2
12																	21700*	94,7
6																	21750*	91,8
0																	21700*	88,3
-6																	21600*	84,2
-12																	21450*	79,5
-18																	21100*	74,0
-24																		

**NOTE:**

Lift Capacities are stated in pounds (lbf) on the lifting gear's stick tip, and can be lifted 360° on firm, level supporting surface. The user shall make allowances for job conditions such as soft or uneven ground.

Lift Capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities (indicated via \*).

Lift Capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

Lift Capacities are in compliance with SAE J2518 : APR2008

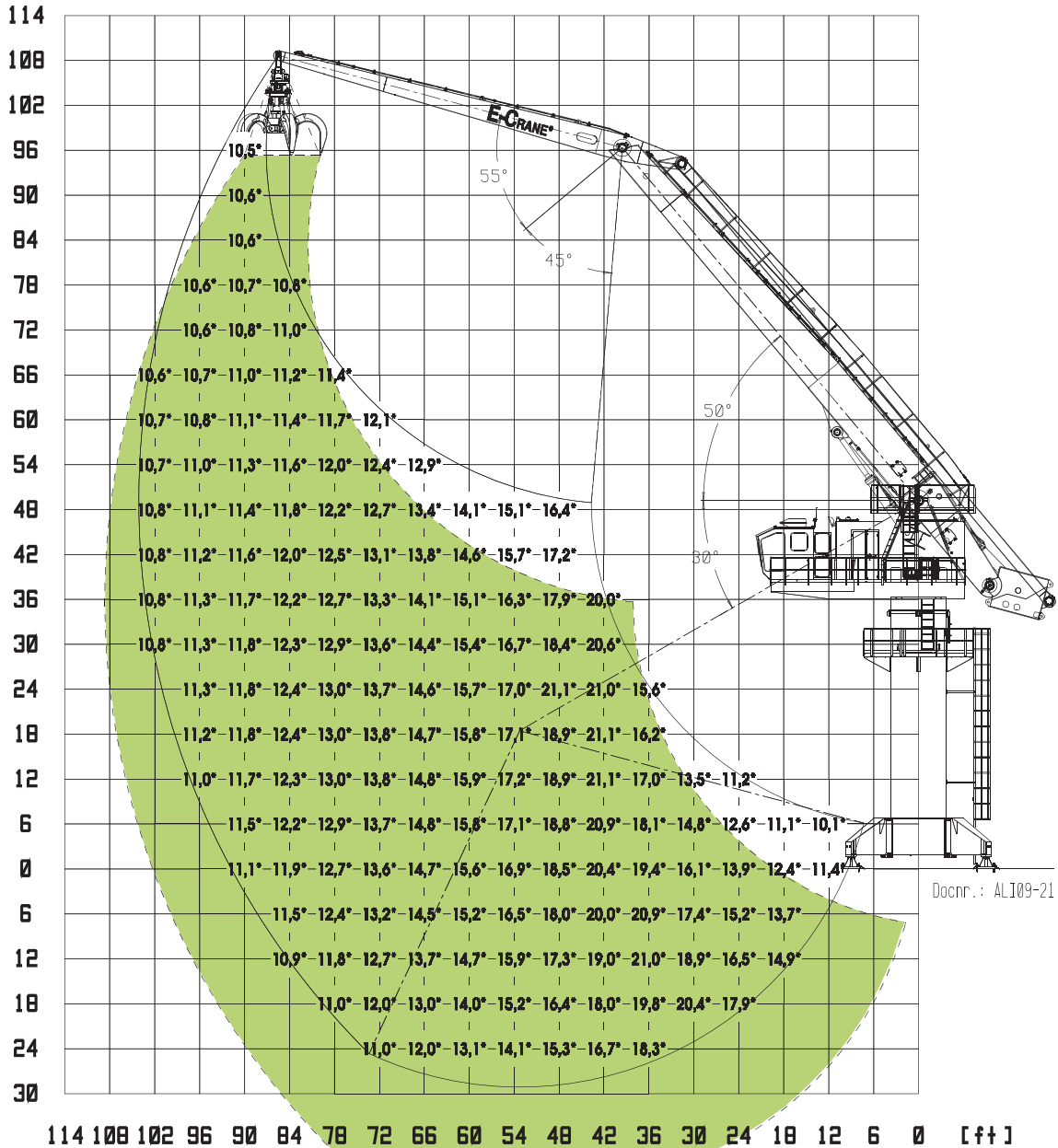
The mass of slings and any auxiliary lifting devices shall be deducted from the rated load to determine the net load that may be lifted.

The operator should be fully acquainted with the operator's manual and the operating safety manual furnished by the manufacturer before operating the machine.

The total mass of the machine is 371800 lbs. Included in this mass are 2.46ft double grouser shoes, 61.5ft boom, 47.5ft stick, 8.2ft 114070 lbs counterweight, all operating fluids and a 165 lbs operator.

MH10317PD-E MATERIAL HANDLER

Rated Lift Capacity (USton/ft)



Lift Capacities are stated in US tonnes (USton) on the lifting gear's stick tip, and can be lifted 360° on firm, level supporting surface. The user shall make allowances for job conditions such as soft or uneven ground.

Lift Capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities (indicated via \*).  
 Lift Capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.  
 Lift Capacities are in compliance with SAE J2518: APR2008

The mass of slings and any auxiliary lifting devices shall be deducted from the rated load to determine the net load that may be lifted.

The operator should be fully acquainted with the operator's manual and the operating safety manual furnished by the manufacturer before operating the machine.

The total mass of the machine is 308000 lbs. Included in this mass are upper revolving frame, pedestal, column, 61.5ft boom, 47.5ft stick, 8.2ft 114070 lbs counterweight, all operating fluids and a 165 lbs operator.

**MH1200 Series Model 10317PD-E Material Handler, acc. SAE J2518: APR2008**

R [ft]	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	Load @max radius	
	H [ft]																L [lbf]	R [ft]
108																	21300*	85,9
102																	21200*	89,8
96														21050*			21150*	93,0
90														21100*			21100*	95,8
84														21200*	21100*		21100*	98,1
78														21400*	21200*		21100*	100,1
72														21600*	21350*		21150*	101,6
66												22850*		22350*	21500*		21150*	102,8
60											24100*	23400*		22200*	21750*	21300*	21200*	103,6
54										25850*	24800*	23900*		22550*	21950*	21450*	21250*	104,0
48							32700*	30200*	28250*	26700*	25450*	24450*		23200*	21950*	21550*	21300*	104,1
42							34350*	31450*	29250*	27500*	26100*	24950*		23600*	22350*	21600*	21400*	103,9
36							35700*	32550*	30100*	28200*	26650*	25350*		24300*	22500*	21650*	21450*	103,3
30							36750*	33400*	30800*	28750*	27100*	25700*		24550*	22550*	21600*	21500*	102,3
24							37450*	34000*	31350*	29200*	27450*	25950*		24700*	22500*		21600*	101,0
18							37800*	34350*	31650*	29450*	27600*	26050*		24750*	22350*		21650*	99,3
12							37800*	34450*	31700*	29500*	27650*	26050*		24650*	22000*		21700*	97,2
6	20300*	22200*	25100*	29500*	36200*	41600*	37500*	34250*	31550*	29350*	27450*	25850*		24350*			21700*	94,7
0	22850*	24800*	27750*	32100*	38700*	40750*	36900*	33750*	31150*	28950*	27100*	25400*		23850*			21750*	91,8
-6		27300*	30350*	34800*	41600*	39550*	35950*	32950*	30450*	28300*	26450*	24700*		23000*			21700*	88,3
-12		29750*	33000*	37700*	42050*	37950*	34600*	31800*	29450*	27350*	25450*	23650*		21700*			21600*	84,2
-18			35700*	40850*	39550*	35900*	32850*	30300*	28000*	25950*	24050*	22000*					21450*	79,5
-24					36500*	33300*	30600*	28250*	26100*	24050*	21900*						21100*	74,0

**NOTE:**

Lift Capacities are stated in pounds (lbf) on the lifting gear's stick tip, and can be lifted 360° on firm, level supporting surface. The user shall make allowances for job conditions such as soft or uneven ground.

Lift Capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities (indicated via \*).

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The total mass of the machine is 308000 lbs. Included in this mass are upper revolving frame, pedestal, column, 61.5ft boom, 47.5ft stick, 8.2ft 114070 lbs counterweight, all operating fluids and a 165 lbs operator.

## MODEL MH10317 TECHNICAL SPECS

	<b>Specifications English (*)</b>		<b>Specifications Metric (*)</b>	
<b>Operating Range:</b> (related to ground reference plane (GRP) +0 and centerline of rotation)				
Minimum Outreach Range (from centerline of rotation)	7'-3.7/8"		2,232 m	
Maximum Outreach (from centerline of rotation)	104'-1.1/2"		31,737 m	
Downreach Range (below GRP)	29'-1.7/16"		8,875 m	
Lifting Range (vertical lift)	108'-7.13/16"		33,116 m	
Boom Operating Angles (above and below horizontal)	+50°/-30°		+50°/-30°	
Stick Operating Angles (before and after vertical)	+55°/-45°		+55°/-45°	
Degrees of Rotation	360° continuous		360° continuous	
<b>Main Hydr. &amp; Elec. Specs:</b>	<b>CR-D</b>	<b>PD-E</b>	<b>CR-D</b>	<b>PD-E</b>
Power Supply	-	3-Phase 480 Volts AC, 60 Hz	-	3-Phase 400 Volts AC, 50 Hz
Generator	300 kVA	-	300 kVA	-
Electrical Motor	200 hp	200 hp	160 kW	160 kW
Implement Pumps				
Max. Flow	211.3 gpm	211.3 gpm	800 l/min	800 l/min
Max. Working Circuit Pressure	4640 psi	4640 psi	320 bar	320 bar
Swing Pump				
Max. Flow	64.2 gpm	64.2 gpm	243 l/min	243 l/min
Max. Working Circuit Pressure	3844 psi	3844 psi	265 bar	265 bar
Hydraulic System Relief Setting	4650 psi	4650 psi	32.000 kPa	32.000 kPa
Hydraulic Tank Refill Capacity	489 USgal	489 USgal	1.850 l	1.850 l
<b>Dimensions:</b>				
Boom Length	61'-6.3/16"		18,75 m	
Stick Length	47'-6.7/8"		14,5 m	
<b>Total Weight Superstructure**</b>	250.800 lbs		114.000 kg	
<b>Total Weight Model MH10317 as standard equipped</b>	<b>CR-D</b>	<b>PD-E</b>	<b>CR-D</b>	<b>PD-E</b>
	371.800 lbs	308.000 lbs	169.000 kg	140.000 kg

(\*) Materials and specifications are subject to change without notice.

See your E-Crane® dealer for available options.

(\*\*) Operating weight does include lubricants, hydraulic oil and operator

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