

features

- 8,818 lbs. (4,000 kg) maximum capacity
- 131 ft. (40 m) maximum operating hook radius
- 86 ft. (26.2 m) maximum hook height with jib set at 20 degrees
- 76 ft. (23.2 m) maximum hook height with jib horizontal
- Manitowoc CraneCare comprehensive support

contents

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Outline Dimensions

DONA

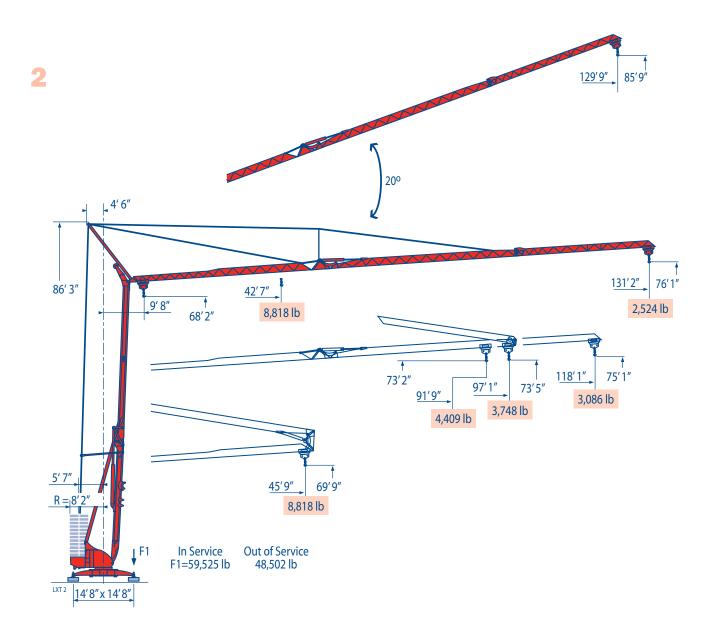
Rated Load <u>Chart</u>s

Rated Load Charts and Mechanical Data

CraneCARE™

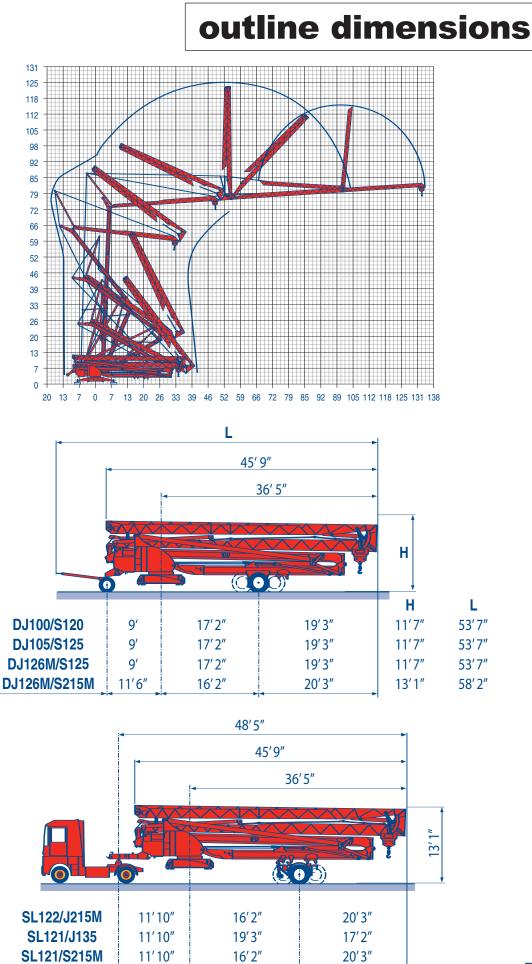
Crane Group

outline dimensions



Igo **50**

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3

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Igo 50

rated load charts

Hook Reach	9'-10"	42'-8"	45'-11"	49'-3"	52'-6"	55'-9"	59'-1"	62'-4"	65'-7"	75'-6"	78'-9"	79'-5	82'-0"	88'-7"	98'-5"	105'-0"	114'-10"	121'-5"	131'-3"
Reeving									Ca	pacities (I	bs)								
1C	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,233	3,869	3,417	3,164	2,844	2,668	2,425
SM	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,178	4,136	3,968	3,616	3,175	2,932	2,612	2,436	2,205
DM	8,818	8,818	8,080	7,419	6,845	6,360	5,930	5,556	5,214	4,409	4,178	4,136	3,968	3,616	3,175	2,932	2,612	2,436	2,205

Hook Reach	9'-10"	46'-11"	49'-3"	52'-6"	55'-9"	59'-1"	62'-4"	65'-7"	72'-2"	79'-5	83'-0"	85'-4"	87'-3"	88'-7"	98'-5"	105'-0"	114'-10"	118'-1'
Reeving									Capacit	es (Ibs)								
1C	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,321	3,825	3,549	3,197	3,086
SM	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,277	4,158	4,079	3,594	3,318	2,965	2,866
DM	8.818	8.818	8.311	7.683	7,132	6.658	6.239	5.864	5.225	4,707	4,409	4.277	4.158	4.079	3.594	3.318	2.965	2.866

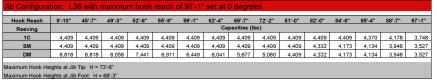
Maximum Hook Heights at Jib Foot: H = 68'-3"



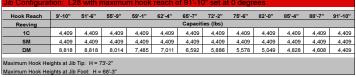
Hook Reach	9'-10"	45'-7"	49'-3"	52'-6"	55'-9"	59'-1"	62'-4"	65'-7"	72'-2"	81'-0"	82'-0"	84'-8"	85'-4"	88'-7"	97'-1'
Reeving		Capacities (lbs)													
1C	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,370	4,178	3,74
SM	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,409	4,332	4,173	4,134	3,946	3,52
DM	8.818	8.818	8.058	7.441	6.911	6.449	6.041	5.677	5.060	4,409	4.332	4,173	4.134	3.946	3.52

Maximum Hook Heights at Jib Foot: H = 68'-3"









Hook Reach	9'-10"	45'-11"					
Reeving			с	apacities (lbs)		
1C	4,409	4,409					
SM	4,409	4,409					
DM	8.818	8.818					

Maximum Hook Heights at Jib Foot: H = 68'-3"

Hook Reach	9'-10"	45'-11"						
Reeving				Ca	pacities (I	bs)		
1C	4,409	4,409						
SM	4,409	4,409						
DM	8.818	8.818						

Maximum Hook Heights at Jib Foot: H = 68'-3"

Hook Reach	9'-10"	45'-11"					
Reeving			c	apacities (II	bs)		
1C	4,409	4,409					
SM	4,409	4,409					
DM	8.818	8.818					

Maximum Hook Heights at Jib Foot: H = 68'-3"

look Reach	9'-10"	74'-6"	78'-5"	82'-0"	88'-7"	98'-5"	105'-0"	114'-10"	121'-5"	129'-11"
Reeving					Ca	oacities (l	bs)			
1C	4,409	4,409	4,409	4,189	3,825	3,373	3,131	2,811	2,635	2,425
SM	4,409	4,409	4,156	3,924	3,571	3,131	2,888	2,579	2,403	2,205
DM										

Maximum Hook Heights at Jib Foot: H = 68'-3"

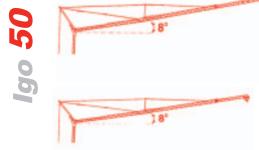
Hook Reach	9'-10"	82'-4"	86'-3"	88'-7"	98'-5"	105'-0"	114'-10"	116'-10"		
Reeving					Ca	pacities (l	bs)			
1C	4,409	4,409	4,409	4,266	3,770	3,494	3,153	3,086		
SM	4,409	4,409	4,165	4,023	3,549	3,274	2,932	2,866		
DM										

Maximum Hook Heights at Jib Foot: H = 68"-3"





























rated load charts

Hook Reach	9'-10"	80'-1"	83'-8"	88'-7"	96'-2"						
Reeving						pacities (lbs)				
10	4,409	4,409	4,409	4,123	3,748					_	
SM	4,409	4,409	4,193	3,902	3,527			-			
DM											
Maximum Hook He											
Maximum Hook He	eights at Jib	Foot: H =	= 68'-3"								
Jib Configurat	tion: L36	6 with m	naximur	n hook i	each o	f 96'-2"	set at 8	3 degree	es		
Hook Reach	9'-10"	80'-1"	83'-8"	88'-7"	96'-2"						
Reeving	5-10	00-1	03-0	00-1		pacities (I	bs)				
10	4,409	4,409	4,409	4,123	3,748						
SM	4,409	4,409	4,193	3,902	3,527						
DM											
/laximum Hook He											
Maximum Hook He	eights at Jib	Foot: H =	= 68'-3"								
Jib Configura	tion: L28	3 with m	naximur	n hook	each c	f 90'-11	" set at	8 degre	ees		
Hook Reach	9'-10"	90'-11"									
Reeving	3-10	30-11			Ca	pacities (lbs)				
1C	4,409	4,409									
SM	4,409	4,409						<u> </u>			
DM						L	I	I	I	-	
Maximum Hook He	•										
Maximum Hook He	eights at Jib	Foot: H =	= 68'-3"								
Jib Configurat	tion: L40) with m	naximur	n hook i	each o	f 45'-7"	set at 8	degree	es		
Hook Reach	9'-10"	45'-7"									
Reeving					Ca	pacities (I	bs)				
10	4,409	4,409									
SM	4,409	4,409								_	
DM											
/laximum Hook He	-										
laximum Hook He	eights at Jib	Foot: H =	= 68'-3"								
Jib Configura	tion: L36	6 with n	naximur	n hook	reach c	of 45'-7"	set at 8	B degre	es		
	1										
Hook Reach Reeving	9'-10"	45'-7"			Ca	pacities (lbs)				
Hook Reach Reeving 1C	9'-10" 4,409	45-7			Ca	pacities (lbs)		1		
Reeving 1C SM		1			Ca	pacities (lbs)				
Reeving 1C	4,409	4,409			Ca	pacities (lbs)				
Reeving 1C SM DM Maximum Hook He	4,409 4,409 eights at Jib	4,409 4,409 Tip: H =			Ca	pacities (lbs)				
Reeving 1C SM DM Maximum Hook He	4,409 4,409 eights at Jib	4,409 4,409 Tip: H =			Ca	pacities (lbs)				
Reeving 1C SM DM Maximum Hook He	4,409 4,409 eights at Jib	4,409 4,409 Tip: H = 7 Foot: H =	= 68'-3"	n hook				3 degree	es		
Reeving 1C SM DM Maximum Hook He Maximum Hook He	4,409 4,409 eights at Jib tion: L28	4,409 4,409 Tip: H = 7 Foot: H =	= 68'-3"	n hook				3 degree			
Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configura	4,409 4,409 eights at Jib	4,409 4,409 Tip: H = ⁻ Foot: H = 3 with n	= 68'-3"	n hook	reach c		set at 8	3 degree	es		
Reeving 1C SM DM Maximum Hook He Maximum Hook He Mook Reach Reeving 1C	4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ⁻ Foot: H = 3 with n 45'-7"	= 68'-3"	n hook	reach c	f 45'-7"	set at 8	3 degre	es		
Reeving 1C SM DM Maximum Hook He Maximum Hook He Maximum Hook He Maximum Hook Reach Reeving 1C SM	4,409 4,409 4,409 eights at Jib eights at Jib tion: L28 9'-10"	4,409 4,409 Tip: H = ⁻ Foot: H = 3 with n 45'-7''	= 68'-3"	n hook	reach c	f 45'-7"	set at 8	3 degre	es		
Reeving 1C SM DM Maximum Hook He Maximum Hook He Maximum Hook He Maximum Hook He Maximum Hook He Maximum Hook He Hook Reach Reeving 1C SM DM	4,409 4,409 eights at Jib eights at Jib tion: L28 9'-10" 4,409 4,409	4,409 4,409 Tip: H = ⁻ Foot: H = 3 with n 45'-7'' 4,409 4,409	= 68'-3" naximur	n hook	reach c	f 45'-7"	set at 8	3 degre	es		
Reeving 1C SM DM Maximum Hook He Maximum Hook He Mook Reach Reeving 1C SM DM Maximum Hook He	4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ¹ Foot: H = ³ 8 with n 45'-7" 4,409 4,409 Tip: H = ¹	= 68'-3" naximur naximur 72'-2"	n hook	reach c	f 45'-7"	set at 8	3 degree	es		
Reeving 1C SM DM Maximum Hook He Maximum Hook He Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He	4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 3 with n 45'-7'' 4,409 4,409 Tip: H = ' Foot: H =	= 68'-3" naximur 72'-2" = 68'-3"		each c	f 45'-7" pacities (set at (
Reeving 1C SM DM Maximum Hook He Maximum Hook He Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He	4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 3 with n 45'-7'' 4,409 4,409 Tip: H = ' Foot: H =	= 68'-3" naximur 72'-2" = 68'-3"		each c	f 45'-7" pacities (set at (
Reeving 1C SM DM Aaximum Hook He Aaximum Hook He Aaximum Hook He Aaximum Hook He Aaximum Hook He Jib Configura	4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 3 with n 45'-7'' 4,409 4,409 Tip: H = ' Foot: H =	= 68'-3" naximur 72'-2" = 68'-3"		each c	f 45'-7" pacities (set at (
Reeving 1C SM DM Maximum Hook He Maximum Hook He Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He	4,409 4,409 4,409 4,409 4,409 9'-10" 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 3 with n 45'-7'' 4,409 4,409 Tip: H = ' Foot: H =	= 68'-3" naximur 72'-2" = 68'-3"		each c Ca	f 45'-7" pacities (set at (
Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configura Hook Reach Reeving Maximum Hook He Maximum Hook He Jib Configura	4,409 4,409 4,409 4,409 4,409 9'-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,400	4,409 4,409 Tip: H = ' Foot: H = 3 with n 45'-7" 4,409 4,409 4,409 Tip: H = ' Foot: H = D with n 123'-4" 2,425	= 68'-3" naximur 72'-2" = 68'-3"		each c Ca	f 45'-7" pacities (set at (
Reeving 1C SM DM Aaximum Hook He Aaximum Hook He Aa	4,409 4,409 4,409 4,409 4,409 9'-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 8 with n 45'-7" 4,409 4,409 Tip: H = ' Foot: H = 0 with n 123'-4"	= 68'-3" naximur 72'-2" = 68'-3"		each c Ca	f 45'-7" pacities (set at (
Reeving 1C SM DM Aaximum Hook He Aaximum Hook He Aa	4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,400 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = With n 45'-7" 4,409 4,409 4,409 4,409 Tip: H = ' Foot: H = D with n 123'-4" 2,425 2,205	= 68'-3" naximur 72'-2" = 68'-3" naximur		each c Ca	f 45'-7" pacities (set at (
Reeving 1C SM DM Maximum Hook He Aaximum Hook He Hook Reach Reeving 1C SM DM Maximum Hook He Aaximum Hook He Nook Reach Reeving 1C SM DM Aaximum Hook He Aaximum Hook He	4,409 4,409 4,409 4,409 4,409 9-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,400 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 8 with n 45'-7" 4,409 4,409 4,409 Tip: H = ' Foot: H = 0 with n 123'-4" 2,205 Tip: H =	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11"		each c Ca	f 45'-7" pacities (set at (
Reeving 1C SM DM Maximum Hook He Aaximum Hook He Hook Reach Reeving 1C SM DM Maximum Hook He Aaximum Hook He Nook Reach Reeving 1C SM DM Aaximum Hook He Aaximum Hook He	4,409 4,409 4,409 4,409 4,409 9-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,400 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 8 with n 45'-7" 4,409 4,409 4,409 Tip: H = ' Foot: H = 0 with n 123'-4" 2,205 Tip: H =	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11"		each c Ca	f 45'-7" pacities (set at (
Reeving 1C SM DM Maximum Hook He Aaximum Hook He Aaximum Hook He Aaximum Hook He Aaximum Hook He Aaximum Hook He Aaximum Hook He Configura Hook Reach Reeving 1C SM DM Aaximum Hook He Aaximum Hook He	4,409 4,409 4,409 4,409 4,409 9-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,400 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 8 with n 45'-7'' 4,409 4,409 4,409 Tip: H = ' Foot: H = 0 with n 123'-4'' 2,425 2,205 Tip: H = Foot: H =	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11" = 68'-3"	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (set at (20 deg			
Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configura Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Nook Reach Reeving 1C SM DM Maximum Hook He Adaximum Hook He Maximum Hook He Maximum Hook He Maximum Hook He Maximum Hook He Maximum Hook He	4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205	4,409 4,409 Tip: H = ' Foot: H = 3 with n 45'-7" 4,409 4,409 4,409 4,409 1ip: H = ' Foot: H = 0 with n 123'-4" 2,425 2,205 Tip: H = ' Foot: H = Foot: H = S with r	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11" = 68'-3"	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (set at (20 deg			
Reeving 1C SM DM Aaximum Hook He Aaximum Hook He Jib Configura 1C SM DM Aaximum Hook He Aaximum Hook He Reeving 1C SM DM Hook Reach Reeving 1C SM DM Lib Configura Hook Reach Maximum Hook He Aaximum Hook He	4,409 4,409 4,409 4,409 4,409 9-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,400 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 8 with n 45'-7'' 4,409 4,409 4,409 Tip: H = ' Foot: H = 0 with n 123'-4'' 2,225 2,205 Tip: H = Foot: H =	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11" = 68'-3"	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (set at (bs) set at (bs)	20 deg			
Reeving 1C SM DM Aaximum Hook He Aaximum Hook He Jib Configura 1C SM DM Aaximum Hook He Aaximum Hook He Hook Reach Reeving 1C SM DM Aaximum Hook He Aaximum Hook He	4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205	4,409 4,409 Tip: H = ' Foot: H = 3 with n 45'-7" 4,409 4,409 4,409 4,409 1ip: H = ' Foot: H = 0 with n 123'-4" 2,425 2,205 Tip: H = ' Foot: H = Foot: H = S with r	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11" = 68'-3"	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (5f 111'-3	set at (bs) set at (bs)	20 deg			
Reeving 1C SM DM Maximum Hook He Maximum Hook He Hook Reach Reeving Hook Reach Reeving Hook Reach Reeving Maximum Hook He Jib Configura Hook Reach Reeving Maximum Hook He SM DM	4,409 4,409 4,409 4,409 4,409 9-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,400 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 8 with n 45'-7" 4,409 4,409 4,409 Tip: H = ' Foot: H = 0 with n 123'-4" 2,425 2,205 Tip: H = Foot: H = 6 with n 111'-3"	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11" = 68'-3"	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (5f 111'-3	set at (bs) set at (bs)	20 deg			
Reeving 1C SM DM Maximum Hook He Maximum Hook He Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Nook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Maxi	4,409 4,409 4,409 4,409 9;407 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409	4,409 4,409 Tip: H = ' Foot: H = 8 with n 45'-7" 4,409 4,409 4,409 Tip: H = ' Foot: H = 0 with n 123'-4" 2,425 Z,205 Tip: H = ' Foot: H = 6 with r 111'-3" 2,425	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11" = 68'-3"	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (5f 111'-3	set at (bs) set at (bs)	20 deg			
Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configura Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Maxim	4,409 4,409 4,409 4,409 9'-10" 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,407 4,409 4,407 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,205 4,200	4,409 4,409 Tip: H = 1 Foot: H = 8 with n 45'-7" 4,409 4,409 4,409 Tip: H = 1 Foot: H = 0 with n 123'-4" 2,425 2,205 Tip: H = 1 Foot: H = 6 with n 111'-3"	= 68'-3" naximur 72'-2" = 68'-3" naximur 110'-11" = 68'-3" naximur naximur	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (5f 111'-3	set at (bs) set at (bs)	20 deg			
Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configura Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Neeving 1C SM DM Maximum Hook He Maximum Hook He M	4,409 4,409 4,409 aights at Jib eights at Jib 1 4,409 aights at Jib 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 4,409 9'-10" 2,425 2,205 aights at Jib bights at Jib 2,205 aights at Jib	4,409 4,409 Tip: H = ' Foot: H = 3 With n 4,409 4,409 4,409 4,409 4,409 Tip: H = ' Foot: H = 7 Cot: H = 6 With r 111'-3" 2,425 2,205	= 68'-3" T2'-2" = 68'-3" T2'-2" = 68'-3" T10'-11" = 68'-3" T2'-2" T10'-11"	n hook	each c Ca reach c Ca	f 45'-7" pacities (f 123-4 pacities (5f 111'-3	set at (bs) set at (bs)	20 deg			
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Maximum Hook Heights at Jib Tip: H = 97'-9" Maximum Hook Heights at Jib Foot: H = 68'-3"



rated load charts











Hook Reach	9'-10"	91'-6"								
Reeving					Ca	pacities (lbs)			
1C	2,425	2,425								
SM	2,205	2,205								
DM										
Maximum Hook He	eights at Jik	Tip: H =	97'-9"							
Maximum Hook He										
Jib Configurat	tion: L2	8 with n	naximur	n hook	reach o	f 86'-7"	set at 2	0 degre	es	
Hook Reach	9'-10"	86'-7"								
Reeving					Ca	pacities (lbs)			
1C	2,425	2,425								
SM	2,205	2,205								
DM										
Maximum Hook He Maximum Hook He Jib Configurat Hook Reach	eights at Jib	Foot: H =	= 68'-3"	n hook	<mark>reach o</mark>	<mark>f 44'-0"</mark>	set at 2	<mark>0 degre</mark>	es	
Maximum Hook He Jib Configurat Hook Reach	tion: L4	Foot: H =	= 68'-3"	n hook		f 44'-0" pacities (l		<mark>0 degre</mark>	es	
Maximum Hook He	tion: L4	Foot: H = 0 with n 44'-0"	= 68'-3"	n hook				0 degre	es	1
Maximum Hook He Jib Configurat Hook Reach Reeving	tion: L4	Foot: H =	= 68'-3"	n hook				0 degre	es	
Maximum Hook He Jib Configurat Hook Reach Reeving 1C	tion: L4	Foot: H = 0 with n 44'-0" 2,425	= 68'-3"	n hook				0 degre	ees	
Maximum Hook He Jib Configural Hook Reach Reeving 1C SM	eights at Jib tion: L4 9'-10" 2,425 2,205	Foot: H = 0 with n 44'-0" 2,425 2,205	= 68'-3" naximur	n hook				0 degre	es	
Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM DM	eights at Jib tion: L4 9'-10" 2,425 2,205 eights at Jib	Foot: H = 0 with n 44'-0" 2,425 2,205 7 Tip: H = 3	= 68'-3" naximur 80'-5"	n hook				0 degre		
Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM DM Maximum Hook He	eights at Jib tion: L4 9'-10" 2,425 2,205 eights at Jib	Foot: H = 0 with n 44'-0" 2,425 2,205 Tip: H = = Foot: H =	= 68'-3" naximur naximur 80'-5" = 68'-3"		Ca	pacities (l	lbs)			
Maximum Hook He Jib Configural Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He	eights at Jib tion: L4 9'-10" 2,425 2,205 eights at Jib	Foot: H = 0 with n 44'-0" 2,425 2,205 Tip: H = = Foot: H =	= 68'-3" naximur naximur 80'-5" = 68'-3"		Ca	pacities (l	lbs)			
Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configurat	eights at Jib tion: L4 9'-10" 2,425 2,205 eights at Jib eights at Jib tion: L30	Foot: H = 0 with n 44'-0" 2,425 2,205 Tip: H = = Foot: H = 6 with n	= 68'-3" naximur naximur 80'-5" = 68'-3"		Ca	pacities (l	lbs)			
Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configurat Hook Reach	eights at Jib tion: L4 9'-10" 2,425 2,205 eights at Jib eights at Jib tion: L30	Foot: H = 0 with n 44'-0" 2,425 2,205 Tip: H = = Foot: H = 6 with n	= 68'-3" naximur naximur 80'-5" = 68'-3"		Ca	pacities (l	lbs)			
Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM	ights at Jib tion: L4 9'-10" 2,425 2,205 ights at Jib ights at Jib tion: L30 9'-10"	Foot: H = 0 with n 44'-0" 2,425 2,205 Tip: H = 1 Foot: H = 6 with n 44'-0"	= 68'-3" naximur naximur 80'-5" = 68'-3"		Ca	pacities (l	lbs)			
Maximum Hook He Jib Configural Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Maximum Hook He Jib Configural Hook Reach Reeving 1C	eights at Jib tion: L4 9'-10" 2,425 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205 2,205	Foot: H = 0 with n 44-0" 2,425 2,205 Tip: H = 4 Foot: H = 0 with n 44-0" 2,425	= 68'-3" naximur naximur 80'-5" = 68'-3"		Ca	pacities (l	lbs)			
Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM DM Maximum Hook He Maximum Hook He Jib Configurat Hook Reach Reeving 1C SM	ights at Jib tion: L41 2,425 2,205 ights at Jib ights at Jib tion: L30 9'-10" 2,425 2,205	Foot: H = 0 with n 44'-0" 2,425 2,205 Tip: H = Foot: H = 6 with n 44'-0" 2,425 2,205	= 68'-3" naximur 80'-5" = 68'-3" naximur		Ca	pacities (l	lbs)			

Hook Reach	9'-10"	44'-0"						
Reeving				Ca	pacities (lbs)		
1C	2,425	2,425						
SM	2,205	2,205						
DM								
						•		

Maximum Hook Heights at 515 Hp. H = 66'-5'Maximum Hook Heights at Jib Foot: H = 68'-3'

mechanical data

					2-part					4-part				
Function	Hoist Type	Speed vs Weight	1st Gear	2nd Gear	3rd Gear	4th Gear	5th Gear	1st Gear	2nd Gear	3rd Gear	4th Gear	5th Gear	Motor (hp)	Motor (KVV)
Hoist	15 LVF10 Optima	ft/min Ibs	12 4,409	59 4,409	98 4,409	177 2,205	217 1,102	6 8,818	29 8,818	49 8,818	89 4,409	108 2,205	15	11
Trolley	3 DVF5	ft/min					1:	35					3.0	2.2
Swing	RVF+ 51	rpm					0.	80					5.5	4.0

Power Requirements: 480 V (+6% or -10%) 60 Hz measured at turn table.

Amperage: 15 LVF10: 31 Amp (3 phase service with ground)



Warning Systems

Limit Moment Cut-Out – Prevents a moment that is more than +10%.

Warning

- 1. The operator must read and understand the owner's manual before operating this crane.
- 2. Positioning or operation of crane beyond areas shown is not intended or approved except where specified in owner's manual.
- 3. Practical working loads depend on supporting surface, wind, and other factors affecting stability such as hazardous surroundings, experience of personnel, and proper handling, all of which must be taken into account by the operator.

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CraneCARE is Manitowoc Crane Group's complete service and support program. Incorporated into this program are service training, immediate parts availability, professional field service, and technical support and documentation. CraneCARE is available for every one of the thousands of cranes operating all over the world.

That's dedication and devotion that you won't get anywhere else.

That's CraneCARE.

Service Training

A certified Potain service specialist works with you in your training facility or in the field to ensure that you know how to achieve maximum performance, dependability, and years from your cranes.

A reputable Potain Service technician comes to you to provide valuable training to all distributors on the crane's LMI system.

Parts Availability

Genuine Potain replacement parts may be obtained through your MCG distributor on a regular basis.

Field Service

Factory-trained service experts are always ready to help maintain your crane's peak performance.

Technical Support

Potain's dealer network and factory personnel are available 24 hours a day, 7 days a week, 365 days a year to answer your technical questions and more.

For a worldwide listing of dealer locations, please consult our website at: **www.manitowoccranegroup.com**.

Technical Documentation

Potain boasts an extensive, easy-to-understand library of documentation.

A complete set of Operator's parts and service manuals are included with each crane.

Additional copies are available through your Authorized Potain Distributor.





Manitowoc Crane Group - Americas Manitowoc, Wisconsin Facility Tel: [Int + 001] 920 684 6621 Fax: [Int + 001] 920 683 6277 Shady Grove, Pennsylvania Facility Tel: [Int + 001] 717 597 8121 Fax: [Int + 001] 717 597 4062

Manitowoc Crane Group - EMEA Europe Middle East & Africa Tel: [Int + 33] (0) 4 72 18 20 20 Fax: [Int + 33] (0) 4 72 18 20 00

Manitowoc Crane Group - UK Europe Middle East & Africa (Parts & Service) Tel: [Int + 44] (0) 191 565-6281 Fax: [Int + 44] (0) 191 564-0442

Manitowoc Crane Group - Germany (Sales, Parts & Service) Tel: [Int + 49] (0) 2173 8909-0 Fax: [Int + 49] (0) 2173 8909-30

Manitowoc Crane Group - France France & Africa (Sales, Parts & Service) Tel: [Int + 33] (0) 1 303-13150 Fax: [Int + 33] (0) 1 303-86085

Manitowoc Crane Group - Netherlands (Sales, Parts & Service) Tel: [Int + 31] (0) 76 578 39 99 Fax: [Int + 31] (0) 76 578 39 78

Manitowoc Crane Group - Italy Italy & Southern Europe (Sales, Parts & Service) Tel: [Int + 39] (0) 331 49 33 11 Fax: [Int + 39] (0) 331 49 33 30

Manitowoc Crane Group - Portugal Portugal & Spain (Sales, Parts & Service) Tel: [Int + 351] (0) 22 968 08 89 Fax: [Int + 351] (0) 22 968 08 97

Manitowoc Crane Group - Singapore Asia/Pacific excl China (Sales, Parts & Service) Tel: [Int + 65] 6861-7133 Fax: [Int + 65] 6862-4040 / 4142

Manitowoc Crane Group - Shanghai China (Sales, Parts & Service) Tel: [Int + 86] (0) 21-64955555 Fax: [Int + 86] (0) 21-64852038

Manitowoc Crane Group - Beijing China (Sales, Parts & Service) Tel: [Int + 86] (0) 10 646-71690 Fax: [Int + 86] (0) 10 646-71691

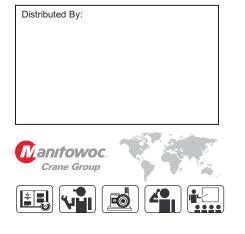
Manitowoc Crane Group - Middle East (Sales) Tel: [Int + 971] (0) 4 348-4478

 Fax: [Int + 971] (0) 4 348-4478

 (Parts & Service)

 Tel: [Int + 973] (0) 9 660-899

 Fax: [Int + 973] (0) 2 707-740



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Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment, and price changes without notice. Illustrations shown may include optional equipment and accessories, and may not include all standard equipment.