

BODY LENGTH				8 FT			9 FT			10 FT				11 FT					12 FT			
CA	CT	MODEL		6R	416	516	6R	416	516	6R	416	516	520*	6R	416	516	520*	620	416	516	520*	620
60"	-	CAPACITY - TONS	45°	5.0	6.9	10.7	5.8	8.0	12.5	7.0	9.6	15.1	18.3*	8.8	12.1	18.8	22.9*	33.0	-	-	-	-
			50°	4.6	6.4	9.9	5.4	7.4	11.6	6.5	8.9	13.9	16.9*	8.1	11.1	17.4	21.2*	30.5	-	-	-	-
		OVERHANG	6"			18"			30"				42"					-				
72"	-	CAPACITY - TONS	45°	-	-	-	4.4	6.0	9.4	5.0	6.9	10.8	13.1*	5.8	8.0	12.6	15.3*	22.0	9.6	15.1	18.3*	26.4
			50°	-	-	-	4.0	5.6	8.7	4.6	6.4	9.9	12.1*	5.4	7.4	11.6	14.1*	20.3	8.9	13.9	16.9*	24.4
		OVERHANG	-			6"			18"				30"					42"				
84"	-	CAPACITY - TONS	45°	-	-	-	-	-	-	3.9	5.4	8.4	10.2*	4.4	6.0	9.4	11.5*	16.5	6.9	10.8	13.1*	18.9
			50°	-	-	-	-	-	-	3.6	4.9	7.7	9.4*	4.0	5.6	8.7	10.6*	15.2	6.4	9.9	12.1*	17.4
		OVERHANG	-			-			6"				18"					30"				
102"	-	CAPACITY - TONS	45°	-	-	-	-	-	-	-	-	-	-	3.2	4.4	6.0	8.3*	12.0	4.8	7.5	9.2*	13.2
			50°	-	-	-	-	-	-	-	-	-	-	-	2.9	4.0	6.3	7.7*	11.1	4.4	6.9	8.5*
		OVERHANG	-			-			-				0"					12"				
108"	-	CAPACITY - TONS	45°	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	6.8	8.3*	12.0
			50°	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	6.3	7.7*
		OVERHANG	-			-			-				-					6"				
114"	-	CAPACITY - TONS	45°	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	6.3	7.6*	11.0
			50°	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	5.8	7.0*
		OVERHANG	-			-			-				-					0"				

▲ NOTE: \* INDICATES THE 520500 MODEL, W/O SUBFRAME.  
SUBFRAME MODELS ARE WITHIN 5% OF SHOWN  
CAPACITY



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416270a

BODY LENGTH			14 FT					15 FT					16 FT					
CA	CT	MODEL	416	516	520*	620	628	516	520*	620	628	5520	520*	620	628	5520	6620	
84"	-	CAPACITY - TONS	45'	9.6	15.1	18.3*	26.4	33.4	-	-	-	-	-	-	-	-	-	
			50'	8.9	13.9	16.9*	24.4	30.8	-	-	-	-	-	-	-	-	-	
		OVERHANG		54"					-					-				
102"	-	CAPACITY - TONS	45'	6.0	9.4	11.5*	16.5	20.8	10.8	13.1*	18.9	23.8	27.6	-	-	-	-	
			50'	5.6	8.7	10.6*	15.2	19.2	9.9	12.1*	17.4	22.0	25.5	-	-	-	-	
		OVERHANG		36"					48"					-				
108"	-	CAPACITY - TONS	45'	5.4	8.4	10.2*	14.7	18.5	9.4	11.5*	16.5	20.8	24.1	-	-	-	-	
			50'	4.9	7.7	9.4*	13.5	17.1	8.7	10.6*	15.2	19.2	22.3	-	-	-	-	
		OVERHANG		30"					42"					-				
114"	102"	CAPACITY - TONS	45'	4.8	7.5	9.2*	13.2	16.7	8.4	10.2*	14.7	18.5	21.5	11.5*	16.5	20.8	24.1	34.8
			50'	4.4	6.9	8.5*	12.2	15.4	7.7	9.4*	13.5	17.1	19.8	10.6*	15.2	19.2	22.3	32.1
		OVERHANG		24"					36"					48"				
120"	108"	CAPACITY - TONS	45'	4.4	6.9	8.3*	12.0	15.2	7.5	9.2*	13.2	16.7	19.3	10.2*	14.7	18.5	21.5	30.9
			50'	4.0	6.3	7.7*	11.1	14.0	6.9	8.5*	12.2	15.4	17.8	9.4*	13.5	17.1	19.8	28.5
		OVERHANG		18"					30"					42"				
124"	-	CAPACITY - TONS	45'	4.1	6.5	7.9*	11.3	14.3	7.1	8.6*	12.4	15.6	18.1	9.5*	13.7	17.2	20.0	28.8
			50'	3.8	5.6	7.2*	10.4	13.2	6.5	7.9*	11.4	14.4	16.7	8.7*	12.6	15.9	18.4	26.6
		OVERHANG		14"					26"					38"				
126"	114"	CAPACITY - TONS	45'	4.0	6.3	7.6*	11.0	13.9	6.8	8.3*	12.0	15.2	17.6	9.2*	13.2	16.7	19.3	27.8
			50'	3.7	5.8	7.0*	10.1	12.8	6.3	7.7*	11.1	14.4	16.2	8.5*	12.2	15.4	17.8	25.7
		OVERHANG		12"					24"					36"				
132"	120"	CAPACITY - TONS	45'	3.7	5.8	7.0*	10.1	12.8	6.3	7.6*	11.0	13.9	16.1	8.3*	12.0	15.2	17.6	25.3
			50'	3.4	5.3	6.5*	9.4	11.8	5.8	7.0*	10.1	12.8	14.9	7.7*	11.1	14.0	16.2	23.3
		OVERHANG		6"					18"					30"				
138"	126"	CAPACITY - TONS	45'	3.4	5.4	6.5*	9.4	11.9	5.8	7.0*	10.1	12.8	14.9	7.6*	11.0	13.9	16.0	23.0
			50'	3.2	5.0	6.0*	8.7	11.0	5.3	6.5*	9.4	11.8	13.7	7.0*	10.1	12.8	14.9	21.4
		OVERHANG		0"					12"					24"				
144"	132"	CAPACITY - TONS	45'	-	-	-	-	-	5.4	6.5*	9.4	11.9	13.8	7.0*	10.1	12.8	14.9	21.4
			50'	-	-	-	-	-	4.9	6.0*	8.7	11.0	12.7	6.5*	9.4	11.8	13.7	19.7
		OVERHANG		-					6"					18"				
150"	138"	CAPACITY - TONS	45'	-	-	-	-	-	5.0	6.1*	8.8	11.1	12.9	6.5*	9.4	11.9	13.8	19.9
			50'	-	-	-	-	-	4.6	5.6*	8.1	10.3	11.9	6.0*	8.7	11.0	12.7	18.3
		OVERHANG		-					0"					12"				
156"	144"	CAPACITY - TONS	45'	-	-	-	-	-	-	-	-	-	-	6.1*	8.8	11.1	12.9	18.5
			50'	-	-	-	-	-	-	-	-	-	-	5.6*	8.1	10.3	11.9	17.1
		OVERHANG		-					-					6"				
162"	150"	CAPACITY - TONS	45'	-	-	-	-	-	-	-	-	-	-	5.7*	8.2	10.2	12.1	17.4
			50'	-	-	-	-	-	-	-	-	-	-	5.3*	7.6	9.6	11.1	16.0
		OVERHANG		-					-					0"				

▲ NOTE: \* INDICATES THE 520500 MODEL, W/O SUBFRAME. SUBFRAME MODELS ARE WITHIN 5% OF SHOWN CAPACITY



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416270b

BODY LENGTH			18 FT					
CA	CT	MODEL	620	628	5520	6620	6628	
132"	120"	CAPACITY - TONS	45°	14.7	18.5	21.5	30.9	39.6
			50°	13.5	17.1	19.8	28.5	36.0
		OVERHANG	54"					
138"	126"	CAPACITY - TONS	45°	13.2	16.7	19.3	27.8	35.7
			50°	12.2	15.4	17.8	25.7	32.4
		OVERHANG	48"					
144"	132"	CAPACITY - TONS	45°	12.0	15.2	17.6	25.3	32.4
			50°	11.1	14.0	16.2	23.3	29.4
		OVERHANG	42"					
150"	138"	CAPACITY - TONS	45°	11.0	13.9	16.0	23.0	29.7
			50°	10.1	12.8	14.9	21.4	27.0
		OVERHANG	36"					
156"	144"	CAPACITY - TONS	45°	10.1	12.8	14.9	21.4	27.4
			50°	9.4	11.8	13.7	19.7	24.9
		OVERHANG	30"					
162"	150"	CAPACITY - TONS	45°	9.4	11.9	13.8	19.9	25.5
			50°	8.7	11.0	12.7	18.3	23.1
		OVERHANG	24"					
168"	156"	CAPACITY - TONS	45°	8.8	11.1	12.9	18.5	23.8
			50°	8.1	10.3	11.9	17.1	21.6
		OVERHANG	18"					
174"	162"	CAPACITY - TONS	45°	8.2	10.4	12.1	17.4	22.3
			50°	7.6	9.6	11.1	16.0	20.2
		OVERHANG	12"					
180"	168"	CAPACITY - TONS	45°	7.8	9.8	11.4	16.4	21.0
			50°	7.2	9.0	10.5	15.1	19.0
		OVERHANG	6"					
186"	174"	CAPACITY - TONS	45°	7.3	9.3	10.7	15.4	19.8
			50°	6.8	8.5	9.9	14.3	18.0
		OVERHANG	0"					

BODY LENGTH			20 FT		
CA	CT	MODEL	628	6628	
156"	144"	CAPACITY - TONS	45°	15.2	32.4
			50°	14.0	29.4
		OVERHANG	54"		
162"	150"	CAPACITY - TONS	45°	13.9	29.7
			50°	12.8	27.0
		OVERHANG	48"		
168"	156"	CAPACITY - TONS	45°	12.8	27.4
			50°	11.8	24.9
		OVERHANG	42"		
174"	162"	CAPACITY - TONS	45°	11.9	25.5
			50°	11.0	23.1
		OVERHANG	36"		
180"	168"	CAPACITY - TONS	45°	11.1	23.8
			50°	10.3	21.6
		OVERHANG	30"		
186"	174"	CAPACITY - TONS	45°	10.4	22.3
			50°	9.6	20.2
		OVERHANG	24"		
192"	180"	CAPACITY - TONS	45°	-	21.0
			50°	-	19.0
		OVERHANG	18"		
198"	186"	CAPACITY - TONS	45°	-	19.8
			50°	-	18.0
		OVERHANG	12"		
204"	192"	CAPACITY - TONS	45°	-	18.8
			50°	-	17.0
		OVERHANG	6"		
210"	198"	CAPACITY - TONS	45°	-	17.8
			50°	-	16.2
		OVERHANG	0"		

BODY LENGTH			22 FT	
CA	CT	MODEL	6628	
180"	168"	CAPACITY - TONS	45°	27.4
			50°	24.9
		OVERHANG	54"	
186"	174"	CAPACITY - TONS	45°	25.5
			50°	23.1
		OVERHANG	48"	
192"	180"	CAPACITY - TONS	45°	23.8
			50°	21.6
		OVERHANG	42"	
198"	186"	CAPACITY - TONS	45°	22.3
			50°	20.2
		OVERHANG	36"	
204"	192"	CAPACITY - TONS	45°	21.0
			50°	19.0
		OVERHANG	30"	
210"	198"	CAPACITY - TONS	45°	19.8
			50°	18.0
		OVERHANG	24"	
216"	204"	CAPACITY - TONS	45°	18.8
			50°	17.0
		OVERHANG	18"	
222"	210"	CAPACITY - TONS	45°	17.8
			50°	16.2
		OVERHANG	12"	
228"	216"	CAPACITY - TONS	45°	17.0
			50°	15.4
		OVERHANG	6"	
234"	222"	CAPACITY - TONS	45°	16.2
			50°	14.7
		OVERHANG	0"	

BODY LENGTH			24 FT	
CA	CT	MODEL	6628	
204"	192"	CAPACITY - TONS	45°	23.8
			50°	21.6
		OVERHANG	54"	
210"	198"	CAPACITY - TONS	45°	22.3
			50°	20.2
		OVERHANG	48"	
216"	204"	CAPACITY - TONS	45°	21.0
			50°	19.0
		OVERHANG	42"	
222"	210"	CAPACITY - TONS	45°	19.8
			50°	18.0
		OVERHANG	36"	
228"	216"	CAPACITY - TONS	45°	18.8
			50°	17.0
		OVERHANG	30"	
234"	222"	CAPACITY - TONS	45°	17.8
			50°	16.2
		OVERHANG	24"	
240"	228"	CAPACITY - TONS	45°	17.0
			50°	15.4
		OVERHANG	18"	
246"	234"	CAPACITY - TONS	45°	16.2
			50°	14.7
		OVERHANG	12"	
252"	240"	CAPACITY - TONS	45°	15.5
			50°	14.1
		OVERHANG	6"	
258"	246"	CAPACITY - TONS	45°	14.9
			50°	13.5
		OVERHANG	0"	



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SUPERSEDES  
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SECTION  
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**416270c**