

STERLING CRANE



LIFTING CHARTS - All Terrain Cranes

TEREX MODEL AC 500-2 - 600 TON CAPACITY

OVERVIEW OF STANDARD DUTY CHARTS

31.6 ft x 31.5 ft

26.4 ft x 24.0 ft

Main boom

Main boom											
		0 lb	44,100 lb	88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
48.2 ft		360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
63.3 ft		x	x	x	x	x	x	x	x	x	-
78.7 ft		x	x	x	x	x	x	x	x	x	-
93.8 ft		x	x	x	x	x	x	x	x	x	-
108.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
124.3 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
139.4 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
154.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
169.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
183.7 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL

Main boom							
		0 lb	44,100 lb	88,200 lb	132,300 lb	176,400 lb	220,500 lb
48.2 ft		360°	360°	360°	360°	360°	360°
63.3 ft		x	x	x	x	x	x
78.7 ft		x	x	x	x	x	x
93.8 ft		x	x	x	x	x	x
108.9 ft		x	x	x	x	x	x
124.3 ft		x	x	x	x	x	x
139.4 ft		x	x	x	x	x	x
154.9 ft		-	x	x	x	x	x
169.9 ft		-	x	x	x	x	x
183.7 ft		-	x	x	x	x	x

31.6 ft x 31.5 ft

26.4 ft x 24.0 ft

Main boom extension

Main boom	Extension									
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb	
183.7 ft	19.7 ft - 0°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	39.4 ft - 0°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	59.1 ft - 0°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	78.7 ft - 0°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	98.4 ft - 0°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	39.4 ft - 30°	SSL = 30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	59.1 ft - 30°	SSL = 30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	78.7 ft - 30°	SSL = 30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	98.4 ft - 30°	SSL = 30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	39.4 ft - 20°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
59.1 ft - 20°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL	
78.7 ft - 20°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL	
98.4 ft - 20°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL	
39.4 ft - 40°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-	
59.1 ft - 40°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-	
78.7 ft - 40°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-	
98.4 ft - 40°	SSL = 0°	x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-	

Main boom	Extension				
		88,200 lb	132,300 lb	176,400 lb	220,500 lb
183.7 ft	19.7 ft - 0°	x	x	x	x
	39.4 ft - 0°	x	x	x	x
	59.1 ft - 0°	x	x	x	x
	78.7 ft - 0°	x	x	x	x
	98.4 ft - 0°	x	x	x	x
	39.4 ft - 20°	x	x	x	x
	59.1 ft - 20°	x	x	x	x
	78.7 ft - 20°	x	x	x	x
	98.4 ft - 20°	x	x	x	x
	39.4 ft - 40°	x	x	x	x
59.1 ft - 40°	x	x	x	x	
78.7 ft - 40°	x	x	x	x	
98.4 ft - 40°	x	x	x	x	

31.6 ft x 31.5 ft

Fixed fly jib

Main boom	Extension									
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb	
139.4 ft	27.6 ft - 0°	x	x	x	x	x	x	x	-	
	47.2 ft - 0°	x	x	x	x	x	x	x	-	
	66.9 ft - 0°	x	x	x	x	x	x	x	-	
	86.6 ft - 0°	x	x	x	x	x	x	x	-	
	106.3 ft - 0°	x	x	x	x	x	x	x	-	
	126.0 ft - 0°	x	x	x	x	x	x	x	-	
	145.7 ft - 0°	x	x	x	x	x	x	x	-	
	165.4 ft - 0°	x	x	x	x	x	x	x	-	
	185.0 ft - 0°	x	x	x	x	x	x	x	-	
	204.7 ft - 0°	x	x	x	x	x	x	x	-	
	86.6 ft - 20°	x	x	x	x	x	x	-	-	
	106.3 ft - 20°	x	x	x	x	x	x	-	-	
	126.0 ft - 20°	x	x	x	x	x	x	-	-	
	145.7 ft - 20°	x	x	x	x	x	x	-	-	
	165.4 ft - 20°	x	x	x	x	x	x	-	-	
	185.0 ft - 20°	x	x	x	x	x	x	-	-	
	204.7 ft - 20°	x	x	x	x	x	x	-	-	
	86.6 ft - 40°	x	x	x	x	x	-	-	-	
	106.3 ft - 40°	x	x	x	x	x	-	-	-	
	126.0 ft - 40°	x	x	x	x	x	-	-	-	
145.7 ft - 40°	x	x	x	x	x	-	-	-		
165.4 ft - 40°	x	x	x	x	x	-	-	-		
185.0 ft - 40°	x	x	x	x	x	-	-	-		
204.7 ft - 40°	x	x	x	x	x	-	-	-		

Main boom	Extension								
		88,200 lb	132,300 lb	176,400 lb**	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
169.9 ft	SSL 0° + 30°								
	27.6 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	47.2 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	66.9 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	86.6 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	106.3 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	126.0 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	145.7 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	165.4 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	SSL 0°								
86.6 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-	
106.3 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-	
126.0 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-	
145.7 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-	
165.4 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-	
SSL 0°									
86.6 ft - 40°	x	x	x	x/+SSL	x/+SSL	+SSL	-	-	
106.3 ft - 40°	x	x	x	x/+SSL	x/+SSL	+SSL	-	-	
126.0 ft - 40°	x	x	x	x/+SSL	x/+SSL	+SSL	-	-	
145.7 ft - 40°	x	x	x	x/+SSL	x/+SSL	+SSL	-	-	
165.4 ft - 40°	x	x	x	x/+SSL	x/+SSL	+SSL	-	-	

** 176,400 lb: only SSL 30°

