

mannesmann
Dematic

DIN 15019.2

CC 2500

Capacities on Main Boom

+-----+
| SH |
+-----+

360°

Capacity (klb=lb*1000) = Load + Hook Block

Counterweight 265 klb
Central ballast 66 klb
Track 25.6 ft

Radius (ft)	Main Boom (ft)		Type 2721			
	78.7	98.4	118.1	137.8	157.5	177.2
19.7	844.4*	-	-	-	-	-
23	793.7*	837.8*	833.3*	-	-	-
26.2	681.2*	679.0*	679.0*	676.8*	-	-
29.5	542.3*	540.1*	540.1*	537.9*	535.7*	535.7*
32.8	449.7*	447.5*	445.3*	443.1*	443.1*	440.9*
39.4	332.9	330.7	328.5	326.3	324.1	324.1
45.9	262.4	260.1	257.9	255.7	253.5	253.5
52.5	216.1	213.8	211.6	209.4	207.2	205.0
59.1	180.8	178.6	176.4	174.2	172.0	172.0
65.6	156.5	154.3	152.1	149.9	147.7	145.5
72.2	136.7	134.5	132.3	130.1	127.9	125.7
78.7	-	119.0	116.8	114.6	110.2	110.2
85.3	-	105.8	103.6	101.4	99.2	97.0
91.9	-	97.0	92.6	90.4	88.2	86.0
98.4	-	-	83.8	81.6	79.4	77.2
111.5	-	-	-	66.1	63.9	61.7
124.7	-	-	-	57.3	52.9	50.7
137.8	-	-	-	-	44.1	41.9
150.9	-	-	-	-	-	35.3
HE:	*2x14 1x11	*2x14 1x11	*2x14 1x11	*2x11 1x11	*2x 9 1x11	*2x 9 1x11
DS:	00000201	00000202	00000203	00000204	00000205	00000206

HE = no. of hoist lines # = the hook block does not reach the ground
DS = operating mode switch on PAT-console * = double hook block

In case of runner mounted, you have to reduce the load by the weight of the runner plus the weight of the hook block on the runner.

If the jib suspension rods are on the main boom, you will have to reduce the load by the half weight of the rods.

mannesmann
Dematic

DIN 15019.2

CC 2500

Capacities on Main Boom

+-----+
| SH |
+-----+

360°

Capacity (klb=lb*1000) = Load + Hook Block

Counterweight 265 klb
Central ballast 66 klb
Track 25.6 ft

Radius (ft)	Main Boom (ft)	Type 2721	
	196.9	216.5	236.2
32.8	440.9*	440.9*	-
39.4	321.9*	321.9*	321.9*
45.9	251.3	251.3	249.1
52.5	202.8	202.8	200.6
59.1	169.8	169.8	167.6
65.6	143.3	143.3	141.1
72.2	123.5	123.5	121.3
78.7	108.0	108.0	105.8
85.3	94.8	94.8	92.6
91.9	83.8	83.8	81.6
98.4	75.0	75.0	72.8
111.5	59.5	59.5	57.3
124.7	48.5	48.5	46.3
137.8	39.7	37.5	35.3
150.9	33.1	30.9	28.7
164	26.5	24.3	22.0
177.2	22.0	19.8	17.6
190.3	-	15.4	-

HE:	*2x 7 1x 9	*2x 7 1x 9	*2x 7 1x 8
-----	---------------	---------------	---------------

DS:	00000207	00000208	00000209
-----	----------	----------	----------

HE = no. of hoist lines # = the hook block does not reach the ground
DS = operating mode switch on PAT-console * = double hook block

In case of runner mounted, you have to reduce the load by the weight of the runner plus the weight of the hook block on the runner.

If the jib suspension rods are on the main boom, you will have to reduce the load by the half weight of the rods.

mannesmann
Dematic

DIN 15019.2

CC 2500

Capacities on Main Boom

SH

360°

Capacity (klb=lb*1000) = Load + Hook Block

Counterweight 309 klb
Central ballast 66 klb
Track 25.6 ft

Radius (ft)	Main Boom (ft)		Type 2721			
	78.7	98.4	118.1	137.8	157.5	177.2
19.7	745.2*	-	-	-	-	-
23	705.5*	754.0*	802.5*	-	-	-
26.2	670.2*	718.7*	756.2*	751.8*	-	-
29.5	606.3*	604.1*	601.9*	601.9*	599.7*	599.7*
32.8	502.7*	500.4*	500.4*	498.2*	496.0*	493.8*
39.4	372.6	370.4	368.2	366.0	363.8	363.8*
45.9	295.4	293.2	291.0	288.8	286.6	284.4
52.5	242.5	240.3	238.1	235.9	233.7	231.5
59.1	205.0	202.8	200.6	198.4	196.2	194.0
65.6	176.4	174.2	172.0	169.8	167.6	165.3
72.2	154.3	152.1	149.9	147.7	145.5	143.3
78.7	-	134.5	132.3	130.1	127.9	125.7
85.3	-	121.3	119.0	114.6	112.4	112.4
91.9	-	110.2	105.8	103.6	101.4	99.2
98.4	-	-	97.0	92.6	90.4	88.2
111.5	-	-	-	77.2	75.0	72.8
124.7	-	-	-	66.1	63.9	61.7
137.8	-	-	-	-	52.9	50.7
150.9	-	-	-	-	-	44.1
HE:	*2x13 1x13	*2x13 1x13	*2x14 1x12	*2x13 1x12	*2x10 1x12	*2x10 1x10
DS:	00000101	00000102	00000103	00000104	00000105	00000106

HE = no. of hoist lines # = the hook block does not reach the ground
DS = operating mode switch on PAT-console * = double hook block

In case of runner mounted, you have to reduce the load by the weight of the runner plus the weight of the hook block on the runner.

If the jib suspension rods are on the main boom, you will have to reduce the load by the half weight of the rods.

mannesmann
Dematic

DIN 15019.2

CC 2500

Capacities on Main Boom

SH

360°

Capacity (klb=lb*1000) = Load + Hook Block

Counterweight 309 klb

Central ballast 66 klb

Track 25.6 ft

Radius (ft)	Main Boom (ft)	Type 2721	
	196.9	216.5	236.2
32.8	493.8*	480.6*	-
39.4	361.6*	361.6*	361.6*
45.9	282.2	282.2*	282.2*
52.5	229.3	229.3	229.3
59.1	191.8	191.8	189.6
65.6	163.1	163.1	160.9
72.2	141.1	141.1	138.9
78.7	123.5	123.5	121.3
85.3	110.2	108.0	108.0
91.9	97.0	97.0	94.8
98.4	88.2	86.0	83.8
111.5	70.5	70.5	68.3
124.7	59.5	57.3	55.1
137.8	48.5	46.3	44.1
150.9	39.7	39.7	37.5
164	33.1	33.1	30.9
177.2	28.7	26.5	24.3
190.3	-	22.0	19.8
203.4	-	-	15.4

HE:	*2x 8	*2x 8	*2x 7
	1x10	1x 8	1x 8

DS:	00000107	00000108	00000109
-----	----------	----------	----------

HE = no. of hoist lines

= the hook block does not reach the ground

DS = operating mode switch on PAT-console

* = double hook block

In case of runner mounted, you have to reduce the load by the weight of the runner plus the weight of the hook block on the runner.

If the jib suspension rods are on the main boom, you will have to reduce the load by the half weight of the rods.