

Dura-Mod® Modular Lifting System

2- or 4-Point Spreader Beams

Caldwell's new DURA-MOD® Spreader Beam System puts you in control. Configure the spreader pipe sections and end or corner fittings to build the beam that's exactly right for your application. You can even keep multiple pieces on hand to offer complete customization with no fuss.

Save Time: Distributors or end users can keep various spreader pipe sections and end/corner fittings in stock, so everyone is ready for the next project. Lifter configurations are virtually limitless.

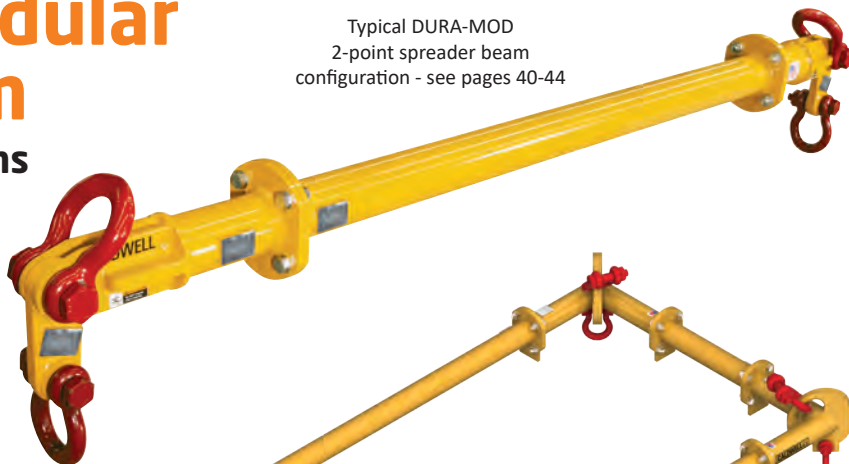
Save Hassle: Transportation and storage is easier. You keep smaller and lighter pieces on the shelf and assemble/disassemble on site.

Save Money: You can use components over and over instead of purchasing a new spreader beam for every project!

Product Features:

- Choose the capacity you need from pages 40-45
- Knock-down design is easily transported
- Unique pivoting drop link
- Impressive strength-to-ratio
- Combinations of 1 to 5 spreader sections can be used to create custom spreader beam lengths
- Complies with ASME B30.20, BTH-1, DESIGN CATEGORY B, CLASS 0 or ASME B30.20, BTH-1, DESIGN CATEGORY A, CLASS 0 specifications (capacity ratings can be provided)
- Custom-designed systems available

Typical DURA-MOD
2-point spreader beam
configuration - see pages 40-44



Typical DURA-MOD
4-Point spreader beam
configuration - see page 45



See All Dura-Mod
Options On
Pages 40-45

SYSTEM COMPONENTS



Drop Link



Spreader Section



End Fitting



Corner Fitting



Model DM24

2-Point 24-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/24-Metric Ton Spreader Beam can be configured in spreads of 3' to 24'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want. To see full beam configuration, see page 39.

Product Features:

- Handles loads up to 24 tons
- Use Capacity Vs. Span chart below with Span Length and Base-to-Sling Angle to determine load capacity and component configuration



Assemble beams on site for flexibility, efficiency and easier transport.

Dura-Mod® DM24 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

Ask Us About Smaller Sizes
DM6 and DM12 also available. Call 815.229.5667 for details.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM24-EF	End Fitting	45 lbs.	2
DM24-DL	Drop Link	10 lbs.	2
DM24-SS-6	6' Spreader Section	110 lbs.	3
DM24-SS-4	4' Spreader Section	80 lbs.	1
DM24-SS-2	2' Spreader Section	50 lbs.	1
DM24-SS-1	1' Spreader Section	35 lbs.	1
Bolt Kit	Four (4) - M20 X 2.5 X 55MM Class 8.8 Bolts Four (4) - M20 X 2.5MM Class 8 Nuts Eight (8) - M20 Class 10.9 Washers	2.6 lbs. Each Kit	14 Kits
By Others	17 ton bolt type shackle	19 lbs.	2
By Others	12 ton bolt type shackle	12 lbs.	2

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration								Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top										
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length									
3	24	1' 7"	24	2' 6"	24	3' 11"	EF/DL	EF/DL	-	-	-	-	-	-	1
4	24	2' 4"	24	3' 6"	24	5' 10"	EF/DL	SS-1	EF/DL	-	-	-	-	-	2
5	24	3' 0"	24	4' 6"	24	6' 10"	EF/DL	SS-2	EF/DL	-	-	-	-	-	2
6	24	3' 8"	24	5' 6"	24	8' 4"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	-	3
7	24	4' 6"	24	6' 6"	24	9' 8"	EF/DL	SS-4	EF/DL	-	-	-	-	-	2
8	24	5' 2"	24	7' 6"	24	11' 2"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	-	3
9	24	5' 11"	24	8' 6"	24	12' 8"	EF/DL	SS-6	EF/DL	-	-	-	-	-	2
10	23	6' 7"	24	9' 6"	24	14' 1"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	-	3
11	22	7' 4"	24	10' 6"	24	15' 7"	EF/DL	SS-6	SS-2	EF/DL	-	-	-	-	3
12	19	8' 0"	24	11' 6"	24	17' 0"	EF/DL	SS-2	SS-6	SS-1	EF/DL	-	-	-	4
13	16	8' 8"	24	12' 6"	24	18' 6"	EF/DL	SS-4	SS-6	EF/DL	-	-	-	-	3
14	13	9' 5"	24	13' 6"	24	20' 0"	EF/DL	SS-4	SS-6	SS-1	EF/DL	-	-	-	4
15	11	10' 1"	20	14' 6"	24	21' 5"	EF/DL	SS-6	SS-6	EF/DL	-	-	-	-	3
16	10	10' 10"	17	15' 6"	24	22' 11"	EF/DL	SS-6	SS-6	SS-1	EF/DL	-	-	-	4
17	8.6	11' 6"	15	16' 6"	24	24' 5"	EF/DL	SS-6	SS-6	SS-2	EF/DL	-	-	-	4
18	7.4	12' 2"	13	17' 6"	20	25' 10"	EF/DL	SS-1	SS-6	SS-6	SS-2	EF/DL	-	-	5
19	6.5	12' 11"	11	18' 6"	18	27' 4"	EF/DL	SS-6	SS-6	SS-4	EF/DL	-	-	-	4
20	5.6	13' 7"	9.9	19' 6"	15	28' 8"	EF/DL	SS-1	SS-6	SS-6	SS-4	EF/DL	-	-	5
21	5	14' 5"	8.8	20' 6"	14	30' 2"	EF/DL	SS-6	SS-6	SS-6	EF/DL	-	-	-	4
22	4.4	15' 1"	7.7	21' 6"	12	31' 8"	EF/DL	SS-6	SS-6	SS-6	SS-1	EF/DL	-	-	5
23	3.8	15' 10"	6.8	22' 6"	10	33' 1"	EF/DL	SS-6	SS-6	SS-6	SS-2	EF/DL	-	-	5
24	3.4	16' 6"	6	23' 6"	9.6	34' 7"	EF/DL	SS-1	SS-6	SS-6	SS-6	SS-2	EF/DL	-	6

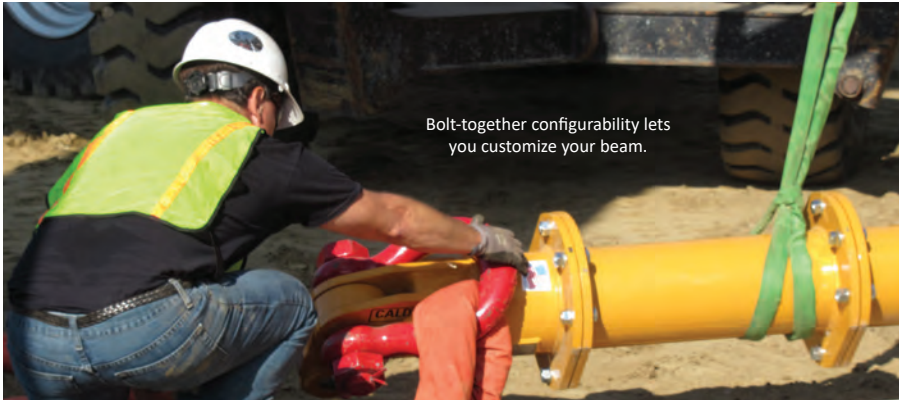
Model DM50

2-Point 50-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/50 Metric Ton Spreader Beam can be configured in spreads of 3 to 41 feet.

Product Features:

- Handles loads up to 50 tons
- Use Capacity Vs. Span chart below with Span Length and Base-to-Sling Angle to determine load capacity and component configuration



Bolt-together configurability lets you customize your beam.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM50-EF	End Fitting	100 lbs.	2
DM50-DL	Drop Link	35 lbs.	2
DM50-SS-12	12' Spreader Section	500 lbs.	3
DM50-SS-6	6' Spreader Section	275 lbs.	1
DM50-SS-3	3' Spreader Section	165 lbs.	1
DM50-SS-2	2' Spreader Section	125 lbs.	1
DM50-SS-1	1' Spreader Section	85 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	16 Kits
By Others	35 ton bolt type shackle	53 lbs.	2
By Others	25 ton bolt type shackle	34 lbs.	2

Dura-Mod® DM50 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration								Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top										
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length									
3	50	1' 5"	50	2' 4"	50	3' 8"	EF/DL	EF/DL	-	-	-	-	-	-	1
4	50	2' 1"	50	3' 4"	50	5' 2"	EF/DL	SS-1	EF/DL	-	-	-	-	-	2
5	50	2' 10"	50	4' 4"	50	6' 7"	EF/DL	SS-2	EF/DL	-	-	-	-	-	2
6	50	3' 7"	50	5' 4"	50	8' 1"	EF/DL	SS-3	EF/DL	-	-	-	-	-	2
7	50	4' 4"	50	6' 4"	50	9' 6"	EF/DL	SS-3	SS-1	EF/DL	-	-	-	-	3
8	50	5' 0"	50	7' 4"	50	11' 0"	EF/DL	SS-3	SS-2	EF/DL	-	-	-	-	3
9	50	5' 8"	50	8' 4"	50	12' 6"	EF/DL	SS-6	EF/DL	-	-	-	-	-	2
10	50	6' 5"	50	9' 4"	50	13' 11"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	-	3
11	50	7' 1"	50	10' 4"	50	15' 5"	EF/DL	SS-6	SS-2	EF/DL	-	-	-	-	3
12	50	7' 10"	50	11' 4"	50	16' 11"	EF/DL	SS-6	SS-3	EF/DL	-	-	-	-	3
13	50	8' 6"	50	12' 4"	50	18' 4"	EF/DL	SS-3	SS-6	SS-1	EF/DL	-	-	-	4
14	50	9' 2"	50	13' 4"	50	19' 10"	EF/DL	SS-3	SS-6	SS-2	EF/DL	-	-	-	4
15	50	9' 11"	50	14' 4"	50	21' 2"	EF/DL	SS-12	EF/DL	-	-	-	-	-	2
16	48	10' 7"	50	15' 4"	50	22' 8"	EF/DL	SS-12	SS-1	EF/DL	-	-	-	-	3
17	44	11' 4"	50	16' 4"	50	24' 2"	EF/DL	SS-12	SS-2	EF/DL	-	-	-	-	3
18	41	12' 0"	50	17' 4"	50	25' 7"	EF/DL	SS-12	SS-3	EF/DL	-	-	-	-	3
19	37	12' 8"	50	18' 4"	50	27' 1"	EF/DL	SS-3	SS-12	SS-1	EF/DL	-	-	-	4
20	33	13' 6"	50	19' 4"	50	28' 6"	EF/DL	SS-3	SS-12	SS-2	EF/DL	-	-	-	4
21	30	14' 2"	50	20' 4"	50	30' 0"	EF/DL	SS-6	SS-12	EF/DL	-	-	-	-	3
22	27	14' 11"	47	21' 4"	50	31' 6"	EF/DL	SS-6	SS-12	SS-1	EF/DL	-	-	-	4
23	24	15' 7"	42	22' 4"	50	32' 11"	EF/DL	SS-6	SS-12	SS-2	EF/DL	-	-	-	4
24	22	16' 4"	38	23' 4"	50	34' 5"	EF/DL	SS-6	SS-12	SS-3	EF/DL	-	-	-	4
25	19	17' 0"	34	24' 4"	50	35' 11"	EF/DL	SS-3	SS-6	SS-12	SS-1	EF/DL	-	-	5
26	17	17' 8"	30	25' 4"	49	37' 4"	EF/DL	SS-3	SS-6	SS-12	SS-2	EF/DL	-	-	5
27	16	18' 5"	28	26' 4"	45	38' 10"	EF/DL	SS-12	SS-12	EF/DL	-	-	-	-	3
28	14	19' 1"	25	27' 4"	41	40' 2"	EF/DL	SS-12	SS-12	SS-1	EF/DL	-	-	-	4
29	13	19' 10"	23	28' 4"	37	41' 8"	EF/DL	SS-12	SS-12	SS-2	EF/DL	-	-	-	4
30	12	20' 6"	21	29' 4"	34	43' 2"	EF/DL	SS-12	SS-12	SS-3	EF/DL	-	-	-	4
31	11	21' 2"	19	30' 4"	31	44' 7"	EF/DL	SS-3	SS-12	SS-12	SS-1	EF/DL	-	-	5
32	10	21' 11"	17	31' 4"	28	46' 1"	EF/DL	SS-3	SS-12	SS-12	SS-2	EF/DL	-	-	5
33	9.3	22' 7"	16	32' 4"	26	47' 7"	EF/DL	SS-6	SS-12	SS-12	EF/DL	-	-	-	4
34	8.4	23' 5"	14	33' 4"	24	49' 0"	EF/DL	SS-6	SS-12	SS-12	SS-1	EF/DL	-	-	5
35	7.7	24' 1"	13	34' 4"	21	50' 6"	EF/DL	SS-6	SS-12	SS-12	SS-2	EF/DL	-	-	5
36	7	24' 10"	12	35' 4"	20	51' 11"	EF/DL	SS-6	SS-12	SS-12	SS-3	EF/DL	-	-	5
37	6.3	25' 6"	11	36' 4"	18	53' 5"	EF/DL	SS-6	SS-12	SS-12	SS-3	SS-1	EF/DL	-	6
38	5.7	26' 2"	10	37' 4"	16	54' 11"	EF/DL	SS-6	SS-12	SS-12	SS-3	SS-2	EF/DL	-	6
39	5.3	26' 11"	9.6	38' 4"	15	56' 4"	EF/DL	SS-12	SS-12	SS-6	SS-6	EF/DL	-	-	5
40	5	27' 7"	9	39' 4"	14	57' 10"	EF/DL	SS-12	SS-12	SS-12	SS-1	EF/DL	-	-	5
41	4.5	28' 4"	8.3	40' 4"	13	59' 2"	EF/DL	SS-12	SS-12	SS-12	SS-2	EF/DL	-	-	5

Model DM70

2-Point 70-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/70-Metric Ton Spreader Beam can be configured in spreads of 3' to 45'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want.

Product Features:

- Handles loads up to 70 tons
- Use Capacity Vs. Span chart below with Span Length and Base-to-Sling Angle to determine load capacity and component configuration

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM70-EF	End Fitting	135 lbs.	2
DM70-DL	Drop Link	47 lbs.	2
DM70-SS-12	12' Spreader Section	595 lbs.	3
DM70-SS-6	6' Spreader Section	335 lbs.	1
DM70-SS-4	4' Spreader Section	245 lbs.	1
DM70-SS-2	2' Spreader Section	160 lbs.	1
DM70-SS-1	1' Spreader Section	115 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	18 Kits
By Others	55 ton bolt type shackle	100 lbs.	2
By Others	35 ton bolt type shackle	55 lbs.	2

Dura-Mod® DM70 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration								Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top										
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length	EF/DL	EF/DL	-	-	-	-	-	-	
3	70	1' 2"	70	2' 1"	70	3' 6"	EF/DL	EF/DL	-	-	-	-	-	1	
4	70	1' 11"	70	3' 1"	70	4' 11"	EF/DL	SS-1	EF/DL	-	-	-	-	2	
5	70	2' 7"	70	4' 1"	70	6' 5"	EF/DL	SS-2	EF/DL	-	-	-	-	2	
6	70	3' 4"	70	5' 1"	70	7' 11"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	3	
7	70	4' 0"	70	6' 1"	70	9' 4"	EF/DL	SS-4	EF/DL	-	-	-	-	2	
8	70	4' 10"	70	7' 1"	70	10' 10"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	3	
9	70	5' 6"	70	8' 1"	70	12' 4"	EF/DL	SS-6	EF/DL	-	-	-	-	2	
10	70	6' 2"	70	9' 1"	70	13' 8"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3	
11	70	6' 11"	70	10' 1"	70	15' 2"	EF/DL	SS-6	SS-2	EF/DL	-	-	-	3	
12	70	7' 7"	70	11' 1"	70	16' 7"	EF/DL	SS-1	SS-6	SS-2	EF/DL	-	-	4	
13	70	8' 4"	70	12' 1"	70	18' 1"	EF/DL	SS-6	SS-4	EF/DL	-	-	-	3	
14	70	9' 0"	70	13' 1"	70	19' 7"	EF/DL	SS-1	SS-6	SS-4	EF/DL	-	-	4	
15	70	9' 8"	70	14' 1"	70	21' 0"	EF/DL	SS-12	EF/DL	-	-	-	-	2	
16	70	10' 5"	70	15' 1"	70	22' 6"	EF/DL	SS-1	SS-12	EF/DL	-	-	-	3	
17	70	11' 1"	70	16' 1"	70	24' 0"	EF/DL	SS-2	SS-12	EF/DL	-	-	-	3	
18	70	11' 10"	70	17' 1"	70	25' 5"	EF/DL	SS-2	SS-12	SS-1	EF/DL	-	-	4	
19	70	12' 6"	70	18' 1"	70	26' 11"	EF/DL	SS-4	SS-12	EF/DL	-	-	-	3	
20	70	13' 2"	70	19' 1"	70	28' 4"	EF/DL	SS-4	SS-12	SS-1	EF/DL	-	-	4	
21	70	13' 11"	70	20' 1"	70	29' 10"	EF/DL	SS-6	SS-12	EF/DL	-	-	-	3	
22	70	14' 8"	70	21' 1"	70	31' 4"	EF/DL	SS-6	SS-12	SS-1	EF/DL	-	-	4	
23	70	15' 5"	70	22' 1"	70	32' 8"	EF/DL	SS-6	SS-12	SS-2	EF/DL	-	-	4	
24	70	16' 1"	70	23' 1"	70	34' 2"	EF/DL	SS-6	SS-12	SS-2	SS-1	EF/DL	-	5	
25	65	16' 10"	70	24' 1"	70	35' 7"	EF/DL	SS-6	SS-12	SS-4	EF/DL	-	-	4	
26	60	17' 6"	70	25' 1"	70	37' 1"	EF/DL	SS-6	SS-12	SS-4	SS-1	EF/DL	-	5	
27	56	18' 2"	70	26' 1"	70	38' 7"	EF/DL	SS-12	SS-12	EF/DL	-	-	-	3	
28	52	18' 11"	70	27' 1"	70	40' 0"	EF/DL	SS-12	SS-12	SS-1	EF/DL	-	-	4	
29	48	19' 7"	70	28' 1"	70	41' 6"	EF/DL	SS-12	SS-12	SS-2	EF/DL	-	-	4	
30	44	20' 4"	70	29' 1"	70	43' 0"	EF/DL	SS-2	SS-12	SS-12	SS-1	EF/DL	-	5	
31	41	21' 0"	70	30' 1"	70	44' 5"	EF/DL	SS-12	SS-12	SS-4	EF/DL	-	-	4	
32	38	21' 8"	70	31' 1"	70	45' 11"	EF/DL	SS-4	SS-12	SS-12	SS-1	EF/DL	-	5	
33	36	22' 5"	70	32' 1"	70	47' 4"	EF/DL	SS-12	SS-12	SS-6	EF/DL	-	-	4	
34	34	23' 1"	69	33' 1"	70	48' 10"	EF/DL	SS-6	SS-12	SS-12	SS-1	EF/DL	-	5	
35	32	23' 10"	65	34' 1"	70	50' 4"	EF/DL	SS-6	SS-12	SS-12	SS-2	EF/DL	-	5	
36	30	24' 7"	62	35' 1"	70	51' 8"	EF/DL	SS-6	SS-12	SS-12	SS-2	SS-1	EF/DL	6	
37	28	25' 4"	55	36' 1"	70	53' 2"	EF/DL	SS-6	SS-12	SS-12	SS-4	EF/DL	-	5	
38	26	26' 0"	51	37' 1"	70	54' 8"	EF/DL	SS-6	SS-12	SS-12	SS-4	SS-1	EF/DL	6	
39	24	26' 8"	50	38' 1"	70	56' 1"	EF/DL	SS-6	SS-12	SS-12	SS-4	SS-2	EF/DL	6	
40	23	27' 5"	46	39' 1"	70	57' 7"	EF/DL	SS-12	SS-12	SS-12	SS-1	EF/DL	-	5	
41	22	28' 1"	45	40' 1"	70	59' 0"	EF/DL	SS-12	SS-12	SS-12	SS-2	EF/DL	-	5	
42	21	28' 10"	41	41' 1"	65	60' 6"	EF/DL	SS-12	SS-12	SS-12	SS-2	SS-1	EF/DL	6	
43	20	29' 6"	39	42' 1"	63	62' 0"	EF/DL	SS-12	SS-12	SS-12	SS-4	EF/DL	-	5	
44	19	30' 2"	38	43' 1"	60	63' 5"	EF/DL	SS-12	SS-12	SS-12	SS-4	SS-1	EF/DL	6	
45	18	30' 11"	34	44' 1"	57	64' 11"	EF/DL	SS-12	SS-12	SS-12	SS-6	EF/DL	-	5	

Model DM110

2-Point 110-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/110-Metric Ton Spreader Beam can be configured in spreads of 6' to 59'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want.

Dura-Mod® DM110 Notes




Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM110-EF	End Fitting	435 lbs.	2
DM110-DL	Drop Link	105 lbs.	2
DM110-SS-20	20' Spreader Section	1425 lbs.	3
DM110-SS-10	10' Spreader Section	775 lbs.	1
DM110-SS-8	8' Spreader Section	645 lbs.	1
DM110-SS-6	6' Spreader Section	515 lbs.	1
DM110-SS-4	4' Spreader Section	380 lbs.	1
DM110-SS-2	2' Spreader Section	255 lbs.	1
DM110-SS-1	1' Spreader Section	185 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	20 Kits
By Others	85 Ton Bolt Type Shackle	154 lbs.	2
By Others	55 Ton Bolt Type Shackle	98 lbs.	2

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration								Number of Bolt Kits
	45° BSA  - Min Top		60° BSA  - Min Top		70° BSA  - Min Top										
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length									
6	110	3' 1"	110	4' 10"	110	7' 7"	EF/DL	EF/DL	-	-	-	-	-	1	
7	110	3' 10"	110	5' 10"	110	9' 1"	EF/DL	SS-1	EF/DL	-	-	-	-	2	
8	110	4' 6"	110	6' 10"	110	10' 6"	EF/DL	SS-2	EF/DL	-	-	-	-	2	
9	110	5' 2"	110	7' 10"	110	12' 0"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	3	
10	110	5' 11"	110	8' 10"	110	13' 6"	EF/DL	SS-4	EF/DL	-	-	-	-	2	
11	110	6' 7"	110	9' 10"	110	14' 11"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	3	
12	110	7' 4"	110	10' 10"	110	16' 5"	EF/DL	SS-6	EF/DL	-	-	-	-	2	
13	110	8' 0"	110	11' 10"	110	17' 0"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3	
14	110	8' 8"	110	12' 10"	110	19' 4"	EF/DL	SS-8	EF/DL	-	-	-	-	2	
15	110	9' 5"	110	13' 10"	110	20' 10"	EF/DL	SS-8	SS-1	EF/DL	-	-	-	3	
16	110	10' 1"	110	14' 10"	110	22' 2"	EF/DL	SS-10	EF/DL	-	-	-	-	2	
17	110	10' 11"	110	15' 10"	110	23' 8"	EF/DL	SS-10	SS-1	EF/DL	-	-	-	3	
18	110	11' 7"	110	16' 10"	110	25' 1"	EF/DL	SS-10	SS-2	EF/DL	-	-	-	3	
19	110	12' 4"	110	17' 10"	110	26' 7"	EF/DL	SS-2	SS-10	SS-1	EF/DL	-	-	4	
20	110	13' 0"	110	18' 10"	110	28' 1"	EF/DL	SS-10	SS-4	EF/DL	-	-	-	3	
21	110	13' 8"	110	19' 10"	110	29' 6"	EF/DL	SS-4	SS-10	SS-1	EF/DL	-	-	4	
22	110	14' 5"	110	20' 10"	110	31' 0"	EF/DL	SS-10	SS-6	EF/DL	-	-	-	3	
23	110	15' 1"	110	21' 10"	110	32' 6"	EF/DL	SS-6	SS-10	SS-1	EF/DL	-	-	4	
24	110	15' 10"	110	22' 10"	110	33' 11"	EF/DL	SS-10	SS-8	EF/DL	-	-	-	3	
25	110	16' 6"	110	23' 10"	110	35' 5"	EF/DL	SS-8	SS-10	SS-1	EF/DL	-	-	4	
26	110	17' 2"	110	24' 10"	110	36' 10"	EF/DL	SS-20	EF/DL	-	-	-	-	2	
27	110	17' 11"	110	25' 10"	110	38' 4"	EF/DL	SS-20	SS-1	EF/DL	-	-	-	3	
28	110	18' 7"	110	26' 10"	110	39' 10"	EF/DL	SS-20	SS-2	EF/DL	-	-	-	3	
29	108	19' 4"	110	27' 10"	110	41' 2"	EF/DL	SS-2	SS-20	SS-1	EF/DL	-	-	4	
30	103	20' 0"	110	28' 10"	110	42' 8"	EF/DL	SS-20	SS-4	EF/DL	-	-	-	3	
31	96	20' 10"	110	29' 10"	110	44' 2"	EF/DL	SS-4	SS-20	SS-1	EF/DL	-	-	4	
32	91	21' 6"	110	30' 10"	110	45' 7"	EF/DL	SS-20	SS-6	EF/DL	-	-	-	3	
33	84	22' 2"	110	31' 10"	110	47' 1"	EF/DL	SS-6	SS-20	SS-1	EF/DL	-	-	4	
34	80	22' 11"	110	32' 10"	110	48' 6"	EF/DL	SS-20	SS-8	EF/DL	-	-	-	3	
35	74	23' 7"	110	33' 10"	110	50' 0"	EF/DL	SS-8	SS-20	SS-1	EF/DL	-	-	4	
36	70	24' 4"	110	34' 10"	110	51' 6"	EF/DL	SS-20	SS-10	EF/DL	-	-	-	3	
37	65	25' 0"	110	35' 10"	110	52' 11"	EF/DL	SS-10	SS-20	SS-1	EF/DL	-	-	4	
38	60	25' 8"	106	36' 10"	110	54' 5"	EF/DL	SS-2	SS-20	SS-10	EF/DL	-	-	4	
39	56	26' 5"	98	37' 10"	110	55' 10"	EF/DL	SS-2	SS-20	SS-10	SS-1	EF/DL	-	5	
40	52	27' 1"	92	38' 10"	110	57' 4"	EF/DL	SS-4	SS-20	SS-10	EF/DL	-	-	4	
41	48	27' 10"	85	39' 10"	110	58' 10"	EF/DL	SS-4	SS-20	SS-10	SS-1	EF/DL	-	5	
42	46	28' 6"	81	40' 10"	110	60' 2"	EF/DL	SS-6	SS-20	SS-10	EF/DL	-	-	4	
43	43	29' 2"	75	41' 10"	110	61' 8"	EF/DL	SS-6	SS-20	SS-10	SS-1	EF/DL	-	5	
44	40	29' 11"	70	42' 10"	110	63' 2"	EF/DL	SS-8	SS-20	SS-10	EF/DL	-	-	4	
45	37	30' 8"	65	43' 10"	105	64' 7"	EF/DL	SS-8	SS-20	SS-10	SS-1	EF/DL	-	5	
46	35	31' 5"	62	44' 10"	99	67' 3"	EF/DL	SS-20	SS-20	EF/DL	-	-	-	3	
47	32	32' 1"	57	45' 10"	92	67' 6"	EF/DL	SS-20	SS-20	SS-1	EF/DL	-	-	4	
48	30	32' 10"	54	46' 10"	87	69' 0"	EF/DL	SS-20	SS-20	SS-2	EF/DL	-	-	4	
49	28	33' 6"	50	47' 10"	81	70' 6"	EF/DL	SS-2	SS-20	SS-20	SS-1	EF/DL	-	5	
50	26	34' 2"	47	48' 10"	76	71' 11"	EF/DL	SS-20	SS-20	SS-4	EF/DL	-	-	4	
51	24	34' 11"	44	49' 10"	71	73' 5"	EF/DL	SS-4	SS-20	SS-20	SS-1	EF/DL	-	5	
52	23	35' 7"	41	50' 10"	67	74' 11"	EF/DL	SS-20	SS-20	SS-6	EF/DL	-	-	4	
53	21	36' 4"	38	51' 10"	62	76' 4"	EF/DL	SS-6	SS-20	SS-20	SS-1	EF/DL	-	5	
54	20	37' 0"	37	52' 10"	59	77' 10"	EF/DL	SS-20	SS-20	SS-8	EF/DL	-	-	4	
55	19	37' 8"	34	53' 10"	55	79' 2"	EF/DL	SS-8	SS-20	SS-20	SS-1	EF/DL	-	5	
56	17	38' 5"	32	54' 10"	52	80' 8"	EF/DL	SS-20	SS-20	SS-10	EF/DL	-	-	4	
57	16	39' 1"	30	55' 10"	48	82' 8"	EF/DL	SS-10	SS-20	SS-20	SS-1	EF/DL	-	5	
58	15	39' 7"	28	56' 10"	46	83' 5"	EF/DL	SS-10	SS-20	SS-20	SS-2	EF/DL	-	5	
59	14	40' 7"	26	57' 10"	42	85' 1"	EF/DL	SS-2	SS-10	SS-20	SS-20	SS-1	EF/DL	-	6

Model DM110/170

2-Point 110/170-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/110/170-Metric Ton Spreader Beam can be configured in spreads of 6' to 59'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want. To see full beam configuration, see page 39.

Dura-Mod® DM110/70 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.
Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM110/170-EF	End Fitting	440 lbs.	2
DM110/170-DL	Drop Link	160 lbs.	2
DM110-SS-20	20' Spreader Section	1425 lbs.	2
DM110-SS-10	10' Spreader Section	775 lbs.	1
DM110-SS-8	8' Spreader Section	645 lbs.	1
DM110-SS-6	6' Spreader Section	515 lbs.	1
DM110-SS-4	4' Spreader Section	80 lbs.	1
DM110-SS-2	2' Spreader Section	255 lbs.	1
DM110-SS-1	1' Spreader Section	185 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	16 Kits
By Others	120 Ton Bolt Type Shackle	265 lbs.	2
By Others	85 Ton Bolt Type Shackle	154 lbs.	2

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration								Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top										
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length	EF/DL	EF/DL	-	-	-	-	-	-	
6	167	2' 10"	170	4' 7"	170	7' 5"	EF/DL	EF/DL	-	-	-	-	-	1	
7	167	3' 6"	170	5' 7"	170	8' 10"	EF/DL	SS-1	EF/DL	-	-	-	-	2	
8	167	4' 2"	170	6' 7"	170	10' 4"	EF/DL	SS-2	EF/DL	-	-	-	-	2	
9	167	4' 11"	170	7' 7"	170	11' 8"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	3	
10	167	5' 8"	170	8' 7"	170	13' 2"	EF/DL	SS-4	EF/DL	-	-	-	-	2	
11	167	6' 5"	170	9' 7"	170	14' 8"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	3	
12	167	7' 1"	170	10' 7"	170	16' 1"	EF/DL	SS-6	EF/DL	-	-	-	-	2	
13	167	7' 10"	170	11' 7"	170	11' 7"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3	
14	167	8' 6"	170	12' 7"	170	19' 0"	EF/DL	SS-8	EF/DL	-	-	-	-	2	
15	167	9' 2"	170	13' 7"	170	20' 6"	EF/DL	SS-8	SS-1	EF/DL	-	-	-	3	
16	167	9' 11"	170	14' 7"	170	22' 0"	EF/DL	SS-10	EF/DL	-	-	-	-	2	
17	167	10' 7"	170	15' 7"	170	22' 0"	EF/DL	SS-10	SS-1	EF/DL	-	-	-	3	
18	167	11' 4"	170	16' 7"	170	24' 11"	EF/DL	SS-10	SS-2	EF/DL	-	-	-	3	
19	167	12' 0"	170	17' 7"	170	26' 5"	EF/DL	SS-2	SS-10	SS-1	EF/DL	-	-	4	
20	167	12' 8"	170	18' 7"	170	27' 10"	EF/DL	SS-10	SS-4	EF/DL	-	-	-	3	
21	160	13' 5"	170	19' 7"	170	29' 4"	EF/DL	SS-4	SS-10	SS-1	EF/DL	-	-	4	
22	155	14' 1"	170	20' 7"	170	30' 8"	EF/DL	SS-10	SS-6	EF/DL	-	-	-	3	
23	148	14' 10"	170	21' 7"	170	32' 2"	EF/DL	SS-6	SS-10	SS-1	EF/DL	-	-	4	
24	142	15' 7"	170	22' 7"	170	33' 8"	EF/DL	SS-10	SS-8	EF/DL	-	-	-	3	
25	135	16' 4"	170	23' 7"	170	35' 1"	EF/DL	SS-8	SS-10	SS-1	EF/DL	-	-	4	
26	128	17' 0"	170	24' 7"	170	36' 7"	EF/DL	SS-20	EF/DL	-	-	-	-	2	
27	121	17' 8"	170	25' 7"	170	38' 1"	EF/DL	SS-20	SS-1	EF/DL	-	-	-	3	
28	115	18' 5"	170	26' 7"	170	39' 6"	EF/DL	SS-20	SS-2	EF/DL	-	-	-	3	
29	108	19' 1"	170	27' 7"	170	41' 0"	EF/DL	SS-2	SS-20	SS-1	EF/DL	-	-	4	
30	103	19' 10"	170	28' 7"	170	42' 5"	EF/DL	SS-20	SS-4	EF/DL	-	-	-	3	
31	96	20' 6"	164	29' 7"	170	43' 11"	EF/DL	SS-4	SS-20	SS-1	EF/DL	-	-	4	
32	91	21' 2"	158	30' 7"	170	45' 5"	EF/DL	SS-20	SS-6	EF/DL	-	-	-	3	
33	84	21' 11"	147	31' 7"	170	46' 10"	EF/DL	SS-6	SS-20	SS-1	EF/DL	-	-	4	
34	80	22' 7"	139	32' 7"	170	48' 4"	EF/DL	SS-20	SS-8	EF/DL	-	-	-	3	
35	74	23' 4"	129	33' 7"	170	49' 8"	EF/DL	SS-8	SS-20	SS-1	EF/DL	-	-	4	
36	70	24' 0"	122	34' 7"	170	51' 2"	EF/DL	SS-20	SS-10	EF/DL	-	-	-	3	
37	65	24' 8"	113	35' 7"	170	52' 8"	EF/DL	SS-10	SS-20	SS-1	EF/DL	-	-	4	
38	60	25' 6"	106	36' 7"	169	54' 1"	EF/DL	SS-2	SS-20	SS-10	EF/DL	-	-	4	
39	56	26' 2"	98	37' 7"	156	55' 7"	EF/DL	SS-2	SS-20	SS-10	SS-1	EF/DL	-	5	
40	52	26' 11"	92	38' 7"	146	57' 1"	EF/DL	SS-4	SS-20	SS-10	EF/DL	-	-	4	
41	48	27' 7"	85	39' 7"	136	58' 6"	EF/DL	SS-4	SS-20	SS-10	SS-1	EF/DL	-	5	
42	46	26' 11"	81	40' 7"	130	57' 1"	EF/DL	SS-6	SS-20	SS-10	EF/DL	-	-	4	
43	43	29' 0"	75	41' 7"	121	61' 5"	EF/DL	SS-6	SS-20	SS-10	SS-1	EF/DL	-	5	
44	40	29' 8"	70	42' 7"	113	62' 11"	EF/DL	SS-8	SS-20	SS-10	EF/DL	-	-	4	
45	37	30' 5"	65	43' 7"	105	64' 5"	EF/DL	SS-8	SS-20	SS-10	SS-1	EF/DL	-	5	
46	35	31' 1"	62	44' 7"	99	65' 10"	EF/DL	SS-20	SS-20	EF/DL	-	-	-	3	
47	32	31' 10"	57	45' 7"	92	67' 4"	EF/DL	SS-20	SS-20	SS-1	EF/DL	-	-	4	
48	30	32' 6"	54	46' 7"	87	68' 10"	EF/DL	SS-20	SS-20	SS-2	EF/DL	-	-	4	
49	28	33' 2"	50	47' 7"	81	70' 2"	EF/DL	SS-2	SS-20	SS-20	SS-1	EF/DL	-	5	
50	26	33' 11"	47	48' 7"	76	71' 8"	EF/DL	SS-6	SS-20	SS-20	SS-4	EF/DL	-	5	
51	24	34' 7"	44	49' 7"	71	73' 1"	EF/DL	SS-4	SS-20	SS-20	SS-1	EF/DL	-	5	
52	23	35' 5"	41	50' 7"	67	74' 7"	EF/DL	SS-20	SS-20	SS-6	EF/DL	-	-	4	
53	21	36' 1"	38	51' 7"	62	76' 1"	EF/DL	SS-6	SS-20	SS-20	SS-1	EF/DL	-	5	
54	20	36' 10"	37	50' 7"	59	74' 7"	EF/DL	SS-20	SS-20	SS-8	EF/DL	-	-	4	
55	19	37' 6"	34	53' 7"	55	79' 0"	EF/DL	SS-8	SS-20	SS-20	SS-1	EF/DL	-	5	
56	17	38' 2"	32	54' 7"	52	80' 5"	EF/DL	SS-20	SS-20	SS-10	EF/DL	-	-	4	
57	16	38' 11"	30	55' 7"	48	81' 11"	EF/DL	SS-10	SS-20	SS-20	SS-1	EF/DL	-	5	
58	15	39' 10"	28	56' 7"	46	83' 5"	EF/DL	SS-10	SS-20	SS-20	SS-2	EF/DL	-	5	
59	14	40' 4"	26	57' 7"	42	84' 10"	EF/DL	SS-2	SS-10	SS-20	SS-20	SS-1	EF/DL	6	

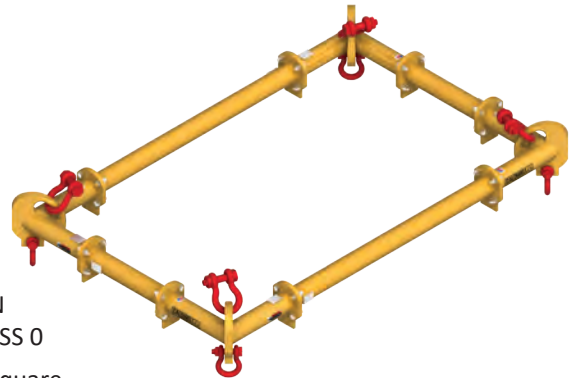
Model DM30 & Model DM60

30- and 60-Metric Ton Box Spreader Beam Systems

Modular Box Spreader Beam can be configured in spreads of 3' to 20' (Model DM30) or 4' to 36' (DM60) in square or rectangular configurations.

Product Features:

- Choose 30- or 60-Metric Ton System
- Quickly configure a 4-point spreader beam to match your lift requirements
- 4-point spreader beam provides added stability
- Knock-down design is easily transported
- Capacity ratings can be provided that meet ASME B30.20, BTH-1, DESIGN CATEGORY B, CLASS 0 or ASME B30.20, BTH-1, DESIGN CATEGORY A, CLASS 0
- Combinations of 1 to 5 spreader sections can be used to create custom square and rectangular configurations
- Custom-designed systems available



Dura-Mod® DM30 & DM60 Notes
Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.
Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

DM30 System Items & Weights:

Item	Description	Item Weight
DM30-CF	1.5' Corner Fitting	115 lbs.
DM24-SS-6	6' Spreader Section	110 lbs.
DM24-SS-4	4' Spreader Section	80 lbs.
DM24-SS-2	2' Spreader Section	50 lbs.
DM24-SS-1	1' Spreader Section	35 lbs.
Bolt Kit	Four (4) - M20 X 2.5 X 55MM Class 8.8 Bolts Four (4) - M20 X 2.5MM Class 8 Nuts Eight (8) - M20 Class 10.9 Washers	2.6 lbs. Each Kit
By Others	17 Ton Bolt Type Shackle	19 lbs.
By Others	12 Ton Bolt Type Shackle	12 lbs.

DM60 System Items & Weights:

Item	Description	Item Weight
DM60-CF	2' Corner Fitting	340 lbs.
DM50-SS-12	12' Spreader Section	500 lbs.
DM50-SS-6	6' Spreader Section	275 lbs.
DM50-SS-3	3' Spreader Section	165 lbs.
DM50-SS-2	2' Spreader Section	125 lbs.
DM50-SS-1	1' Spreader Section	85 lbs.
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit
By Others	35 Ton Bolt Type Shackle	53 lbs.
By Others	25 Ton Bolt Type Shackle	34 lbs.

DM30 Capacity Vs. Span:

Model DM30t - Metric Tons @ 60° BSA									
20									23
18								24	21
16							30	24	20
14					30	30	24	19	
12				30	30	24	23	18	
10			30	30	30	24	22	17	
8		30	30	30	30	24	20	17	
6		30	30	30	30	28	24	19	16
3	30	30	30	30	30	27	23	19	16
Span (ft)	3	6	8	10	12	14	16	18	20

Model DM30t - Metric Tons @ 45° BSA									
20									13
18								14	12
16							17	14	11
14						17	17	14	11
12					17	17	14	13	10
10				17	17	17	14	12	9
8			17	17	17	17	14	11	9
6		17	17	17	17	16	14	11	9
3	17	17	17	17	17	15	13	11	9
Span (ft)	3	6	8	10	12	14	16	18	20

DM60 Capacity Vs. Span:

Model DM60t - Metric Tons @ 60° BSA											
36											32
34									38	31	
31								45	36	30	
28							54	44	34	29	
25						54	53	42	33	27	
22					60	53	51	40	32	26	
19					60	60	51	47	38	30	25
16					60	60	56	47	45	36	29
13					60	60	60	52	45	43	34
10					60	60	60	50	45	42	34
7				60	60	60	60	50	45	41	33
4		60	60	60	60	60	60	50	45	41	32
Span (ft)	4	7	10	13	16	19	22	25	28	31	34

Model DM60t - Metric Tons @ 45° BSA											
36											18
34										22	18
31									25	21	17
28								31	24	19	16
25							31	30	23	18	15
22							31	30	29	22	18
19						40	31	29	27	22	17
16					40	40	29	27	25	21	16
13				50	40	36	27	25	24	19	15
10			50	50	40	36	25	25	23	19	15
7		50	50	50	40	36	25	25	22	18	14
4	50	50	50	50	40	36	25	25	22	18	14
Span (ft)	4	7	10	13	16	19	22	25	28	31	34