

SPREADER BEAMS

Model 20 - Low Headroom Multiple Spread Lifting Beam

Ideal where headroom is limited



PRODUCT FEATURES:

- Beams over 4' have 3 spreads (3' & 4' beams have 2 spreads).
- Swivel hooks with hook latches standard.
- Wide range of sizes and capacities available.
- Designed and manufactured to ASME B30.20.

STANDARD FEATURE:

- Three spreads to adjust to the load
- Outside spread
 - Middle spread (outside less 1')
 - Inside spread (outside less 2')

SPECIFICATIONS

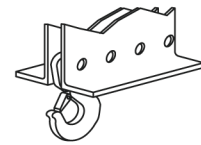
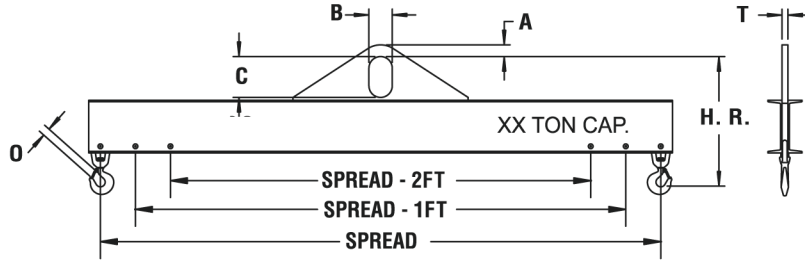
MODEL 20

Capacity In Tons	Model Number Headroom (in.) Weight (lbs.)	Outside Spread In Feet					
		3	4	6	8	10	12
1/2	Model Number	20-1/2-3	20-1/2-4	20-1/2-6	20-1/2-8	20-1/2-10	20-1/2-12
	Headroom	12-3/4	12-3/4	12-3/4	12-3/4	13-11/16	13-11/16
	Weight	40	50	70	95	145	165
1	Model Number	20-1-3	20-1-4	20-1-6	20-1-8	20-1-10	20-1-12
	Headroom	12-3/4	12-3/4	13-11/16	13-11/16	14-11/16	14-11/16
	Weight	40	50	90	120	170	200
2	Model Number	20-2-3	20-2-4	20-2-6	20-2-8	20-2-10	20-2-12
	Headroom	13-11/16	13-11/16	14-11/16	15-11/16	16-11/16	16-11/16
	Weight	55	70	110	170	235	265
3	Model Number	20-3-3	20-3-4	20-3-6	20-3-8	20-3-10	20-3-12
	Headroom	15-3/8	15-3/8	16-3/8	17-1/4	18-1/4	20-1/8
	Weight	70	85	145	205	280	410
5	Model Number	20-5-3	20-5-4	20-5-6	20-5-8	20-5-10	20-5-12
	Headroom	19-9/16	20-1/2	21-1/2	23-1/2	23-1/2	25-1/2
	Weight	80	110	210	320	380	575
7-1/2	Model Number	20-7 1/2-3	20-7 1/2-4	20-7 1/2-6	20-7 1/2-8	20-7 1/2-10	20-7 1/2-12
	Headroom	20-1/2	23-3/8	25-3/8	27-1/4	27-1/4	27-1/4
	Weight	105	175	270	420	505	585
10	Model Number	20-10-3	20-10-4	20-10-6	20-10-8	20-10-10	20-10-12
	Headroom	23-1/2	25-3/8	27-1/4	27-1/4	30	30
	Weight	115	210	340	420	775	910
15	Model Number	20-15-3	20-15-4	20-15-6	20-15-8	20-15-10	20-15-12
	Headroom	28-5/8	30-5/8	30-5/8	33-1/2	33-1/2	36-1/2
	Weight	215	300	380	690	825	1180
20	Model Number	20-20-3	20-20-4	20-20-6	20-20-8	20-20-10	20-20-12
	Headroom	34-1/2	34-1/4	34-1/2	34-1/4	41-3/4	41-3/4
	Weight	365	435	570	715	1065	1230
25	Model Number		20-25-4	20-25-6	20-25-8	20-25-10	20-25-12
	Headroom		41-3/4	41-3/4	41-3/4	44-1/8	44-1/2
	Weight		505	690	980	1200	1530
30	Model Number		20-30-4	20-30-6	20-30-8	20-30-10	20-30-12
	Headroom		42-1/2	45-5/16	45-1/2	48-1/4	48-1/2
	Weight		525	850	1015	1355	1765
40	Model Number		20-40-4	20-40-6	20-40-8	20-40-10	20-40-12
	Headroom		50	50	53	53	53
	Weight		570	900	1265	1710	2045

SPREADS AVAILABLE TO 40 FEET.

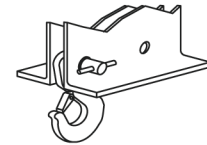
SPREADER BEAMS

Recommend Faspins (option B) if frequent hook position changes (spread) are required.



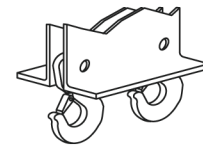
OPTION A

Extra Holes or Different Placement of Holes. Allows multiple hook positioning beyond standard 3 spreads. Specify number and spread(s) required.



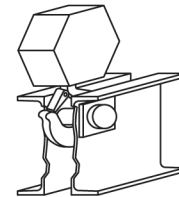
OPTION B

Faspins. For ease of positioning hooks with quick release.



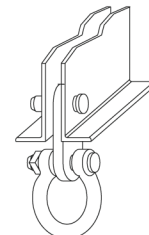
OPTION C

Extra Hooks. Allows for multiple pick points. Specify number required.



OPTION D

Pin Type Bail. Lifting pin located between structural channel. (Hoist hook information must be supplied.)



OPTION E

Shackle Lug. Lifting lug with shackle. (Headroom may change.)

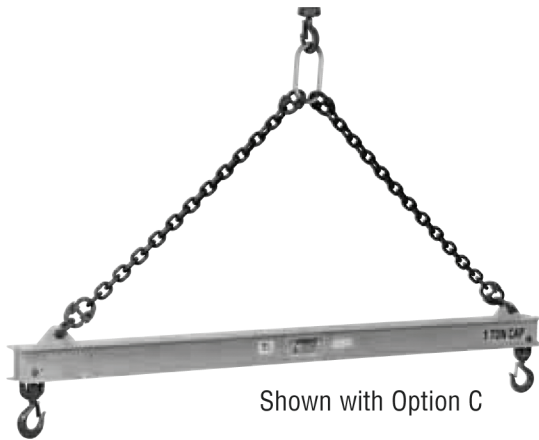
SPECIFICATIONS

Outside Spread In Feet						Other Dimensions (in.)	
14	16	18	20	24	30		
20-1/2-14 13-11/16 200	20-1/2-16 14-11/16 265	20-1/2-18 14-11/16 290	20-1/2-20 14-11/16 330	20-1/2-24 20-3/8 550	20-1/2-30 20-3/8 775	A=7/8 B=3 C=5	T=3/4 O=7/8
20-1-14 15-11/16 280	20-1-16 15-11/16 310	20-1-18 16-11/16 405	20-1-20 16-11/16 455	20-1-24 20-3/8 830	20-1-30 22-3/8 1070	A=7/8 B=3 C=5	T=3/4 O=7/8
20-2-14 20 375	20-2-16 20 420	20-2-18 22 605	20-2-20 22 680	20-2-24 24-3/8 1100	20-2-30 26-3/8 2145	A=7/8 B=3 C=5	T=3/4 O=7/8
20-3-14 20-1/8 495	20-3-16 20-1/8 560	20-3-18 20-1/8 620	20-3-20 22-1/8 915	20-3-24 25-1/4 1100	20-3-30 27-1/4 2145	A=1-1/4 B=3 C=5	T=1 O=1
20-5-14 25-1/2 690	20-5-16 25-1/2 770	20-5-18 30-1/2 1340	20-5-20 30-1/2 1500	20-5-24 31-1/2 2080	20-5-30 36-3/4 2600	A=2 B=4 C=7	T=1-1/4 O=1-15/16
20-7 1/2-14 30 1080	20-7 1/2-16 30 1215	20-7 1/2-18 30 1350	20-7 1/2-20 30 1515	20-7 1/2-24 33-13/16 2290	20-7 1/2-30 39-5/8 2865	A=2 B=4 C=7	T=1-1/4 O=1-1/2
20-10-14 30 1080	20-10-16 30 1215	20-10-18 33 1675	20-10-20 33 1870	20-10-24 39-5/8 2290	20-10-30 42-3/4 2865	A=2 B=4 C=7	T=1-1/4 O=1-9/16
20-15-14 36-1/2 1390	20-15-16 36-1/2 1560	20-15-18 40-1/2 2300	20-15-20 40-1/4 2170	20-15-24 49 2495	20-15-30 49 3000	A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/16
20-20-14 41-3/4 1850	20-20-16 44-3/4 1680	20-20-18 50-1/2 1990	20-20-20 50-1/2 2300	20-20-24 54 2800	20-20-30 54 4200	A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/4
20-25-14 44-1/2 1815	20-25-16 50-7/8 2200	20-25-18 50-7/8 2400	20-25-20 50-7/8 2600	20-25-24 51 2800	20-25-30 57 4200	A=3 B=6 C=12	T=1-3/4 O=2-1/4
20-30-14 51-3/4 2080	20-30-16 58 2300	20-30-18 65 2650	20-30-20 65 3200	20-30-24 65 4000	20-30-30 68 7300	A=3-1/2 B=7 C=16	T=2 O=2-1/4
20-40-14 59 2900	20-40-16 60 3400	20-40-18 63 3900	20-40-20 63 4100	20-40-24 66 5100	20-40-30 66 7700	A=3-1/2 B=7 C=16	T=2-1/2 O=3

CAPACITIES AVAILABLE TO 300 TON.

SPREADER BEAMS

Model 30 - Fixed Spreader Beams

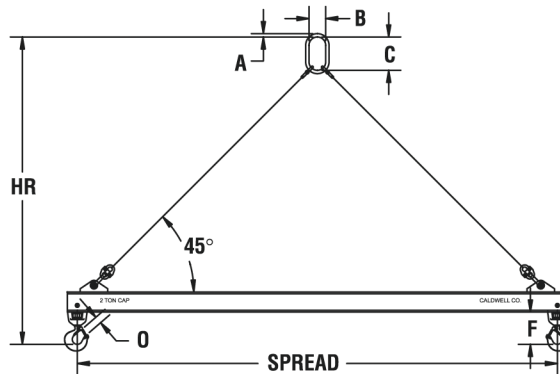


Shown with Option C
Specify Top Rigging



PRODUCT FEATURES:

- Ideal where headroom is not limited.
- Adds stability to lift.
- Available with standard chain or wire rope rigging.
- Available with Adjust-A-Leg® rigging for off center load adjustment (minimum lifting capacity will be approximately 10-15% of beam rating).
- Wide range of additional sizes and capacities available.
- Designed and manufactured to ASME B30.20.



SPECIFICATIONS

Capacity In Tons	Model Number Headroom (in.) Weight (lbs.)	Spread In Feet								Other Dimensions (in.)	
		4	6	8	10	12	16	20	24		
2	Model Number	30-2-4	30-2-6	30-2-8	30-2-10	30-2-12	30-2-16	30-2-20	30-2-24	A=1/2	F=4-1/4
	Headroom	34	46	58	70	82	106	132	156	B=2-1/2	O=31/32
	Weight	45	60	82	95	115	225	408	445	C=5	
5	Model Number	30-5-4	30-5-6	30-5-8	30-5-10	30-5-12	30-5-16	30-5-20	30-5-24	A=1	F=6
	Headroom	37	49	61	73	83	110	134	158	B=3-1/2	O=1-1/16
	Weight	62	78	100	117	168	305	435	661	C=7	
10	Model Number	30-10-4	30-10-6	30-10-8	30-10-10	30-10-12	30-10-16	30-10-20	30-10-24	A=1-1/4	F=8-1/8
	Headroom	41	53	64	77	86	113	138	163	B=4-3/8	O=1-1/2
	Weight	100	122	156	180	240	380	532	915	C=8-3/4	
15	Model Number	30-15-4	30-15-6	30-15-8	30-15-10	30-15-12	30-15-16	30-15-20	30-15-24	A=1-1/2	F=9-1/4
	Headroom	43	55	65	80	92	116	140	167	B=5-1/4	O=1-3/4
	Weight	126	155	185	242	270	420	665	953	C=10-1/2	
20	Model Number	30-20-4	30-20-6	30-20-8	30-20-10	30-20-12	30-20-16	30-20-20	30-20-24	A=1-3/4	F=9-3/4
	Headroom	46	58	69	82	94	118	140	170	B=6	O=2
	Weight	170	200	233	315	350	540	775	1341	C=12	
30	Model Number		30-30-6	30-30-8	30-30-10	30-30-12	30-30-16	30-30-20		A=1-3/4	F=9-3/4
	Headroom		60	70	83	95	120	145		B=6	O=2
	Weight		285	402	440	530	888	1390		C=12	
40	Model Number		30-40-6	30-40-8	30-40-10	30-40-12	30-40-16			A=2	F=13
	Headroom		65	77	89	102	127			B=7	O=2-3/4
	Weight		563	695	781	1058	1364			C=14	

NOTE: Weight = Beam and hooks only - (no top rigging).

TOP RIGGING OPTIONS

OPTION C

Chain top rigging from beam to crane hook.

OPTION W

Wire rope top rigging from beam to crane hook.

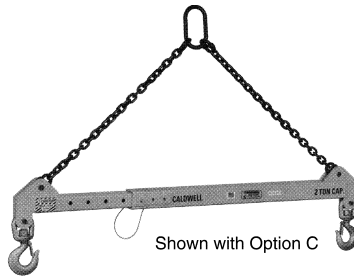
OPTION A

Adjust-A-Leg® sling top rigging for off-center load adjustment (not included in

SPECIAL AND SPREADER BEAMS

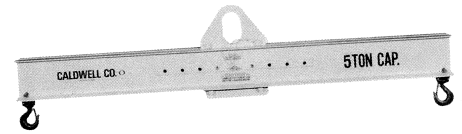


**MANY OTHER
STYLES ARE
AVAILABLE
CALL FOR
QUOTATION**



Shown with Option C

ADJUSTABLE SPREADERS



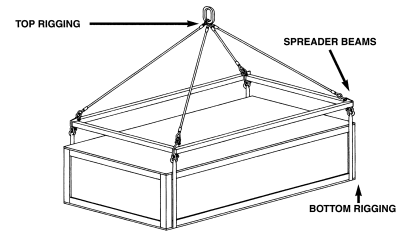
ADJUSTABLE BAIL LIFTING BEAM

Up to 20 tons.



THREE AND FOUR POINT LIFTING BEAMS

Up to 50 tons.



SPECIAL SPREADER SYSTEMS

Up to 150 tons.

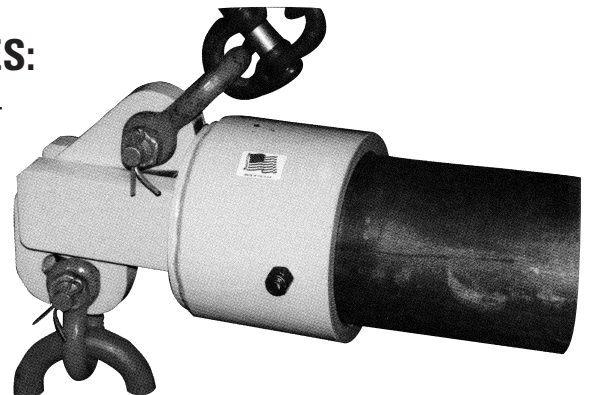
SPECIAL LIFTING GEAR

MODEL BEF – SPREADER BEAM END FITTINGS



PRODUCT FEATURES:

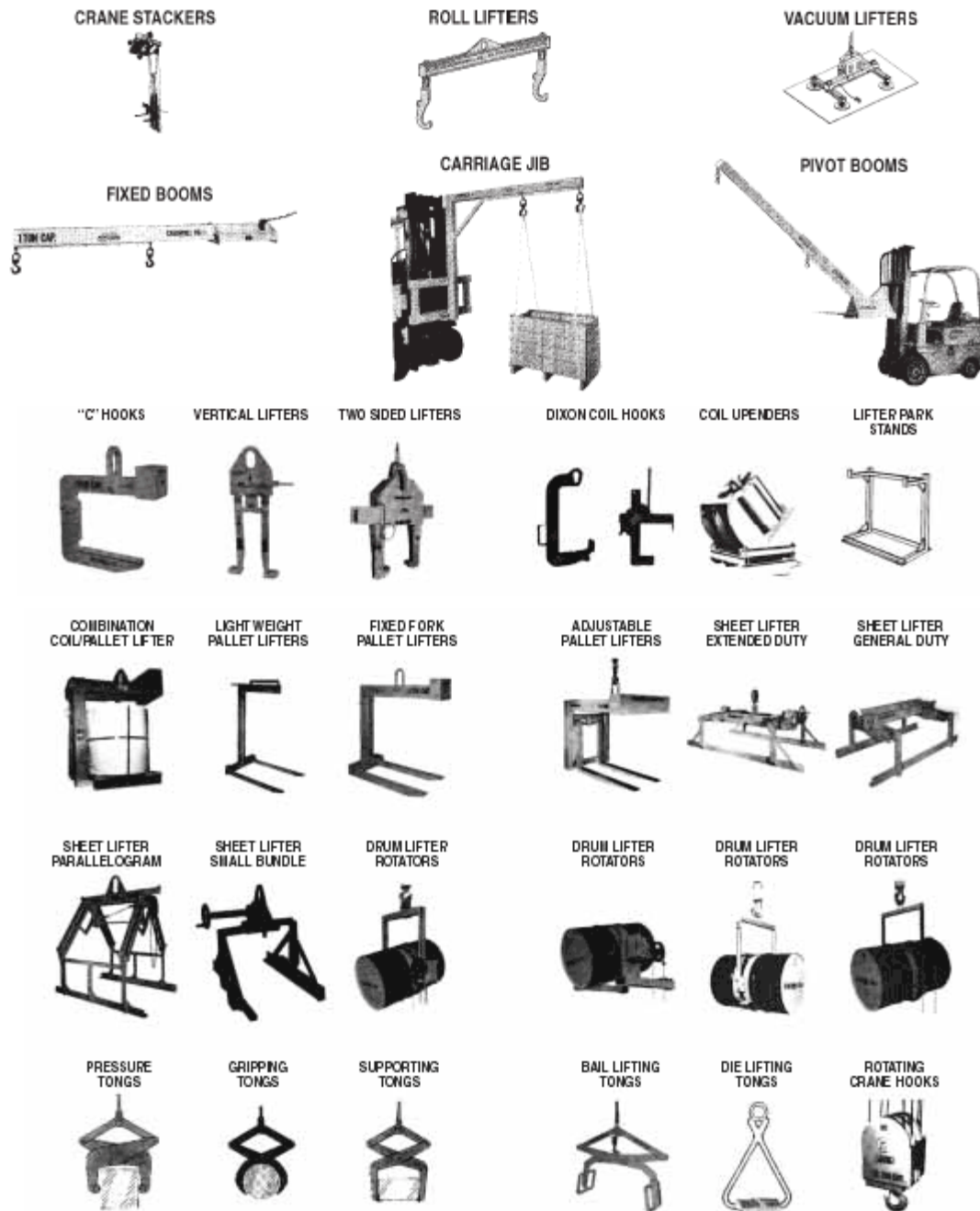
- Build your own spreader beam.
- Designed to work with a range of shackle sizes, both top and bottom
- Conforms to ASME B30.20 (when assembled to specifications).



Spread (ft.)	Capacity In Tons																		Fitting Weight	
	4	5	6	8	10	12	14	15	16	18	20	22	24	26	28	30	32	34		36
BEF-2-1/2	7.5	7	6.5	5.5	4	2.9	2	1.8	-	-	-	-	-	-	-	-	-	-	-	8
BEF-5	17	17	17	17	17	16	15	14	13	12	10	8	7	6	5	4.5	-	-	-	42
BEF-8	39	39	39	39	39	38	36	36	35	33	31	29	27	25	23	21	19	16	15	144

< Spreader
Beams

Below The Hook Crane & Hoist Attachments



< Spreader Beams

[BACK TO TOP](#)

[Slings](#) | [Rigging Hardware](#) | [Other Rigging Hardware](#) | [Fall Protection](#) | [Training & Inspection](#) | [Testing](#) | [Site Map](#)

Bairstow Lifting Products Toll Free: 800-241-8990 Phone: 404-351-2600 Fax: 404-355-2046

