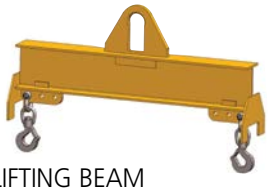
HARRINGTON
HOISTS AND CRANES

BELOW-THE-HOOK &
MATERIAL HANDLING EQUIPMENT

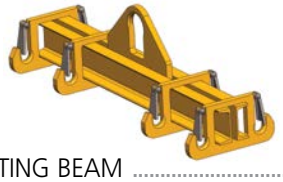
HSSLB
SHORT SPAN LIFTING BEAM
PLATE STYLE ..... Page 4-5

HSDLB
STANDARD DUTY LIFTING BEAM
CHANNEL DESIGN ..... Page 6-8

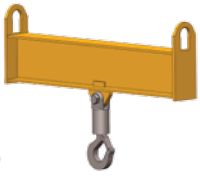


HSDLB
STANDARD DUTY LIFTING BEAM
I-BEAM DESIGN w/FLAME CUT BAIL ..... Page 9-10

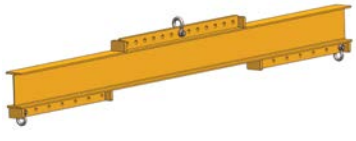
HSDLB
STANDARD DUTY LIFTING BEAM
I-BEAM DESIGN w/PIN BAIL ..... Page 11



HBSLB
BASKET SLING LIFTING BEAM ..... Page 12-14



HDCLB
DUAL CRANE LIFTING BEAM ..... Page 15-16

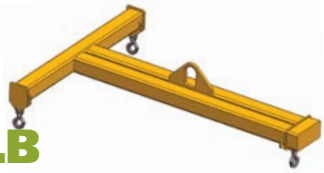


HUNVB
UNIVERSAL LIFTING/SPREADER BEAM ..... Page 17

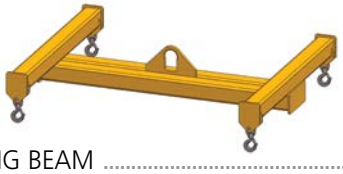
HALB
ADJUSTABLE LIFTING BEAM ..... Page 18

HABLB
ADJUSTABLE BAIL LIFTING BEAM ..... Page 19-21

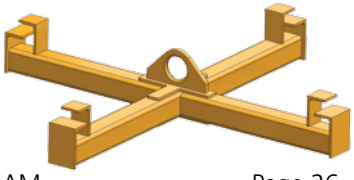
HLLB
LOAD LEVELING BEAM ..... Page 22-23



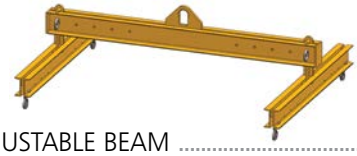
HTPLB
THREE POINT LIFTING BEAM ..... Page 24



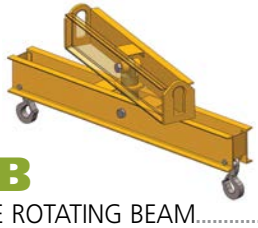
HFPLB
FOUR POINT LIFTING BEAM ..... Page 25



HFPSL
FOUR POINT SACK LIFTER BEAM ..... Page 26



HFPAB
FOUR POINT ADJUSTABLE BEAM ..... Page 27



HDCRB
DUAL CRANE ROTATING BEAM ..... Page 28

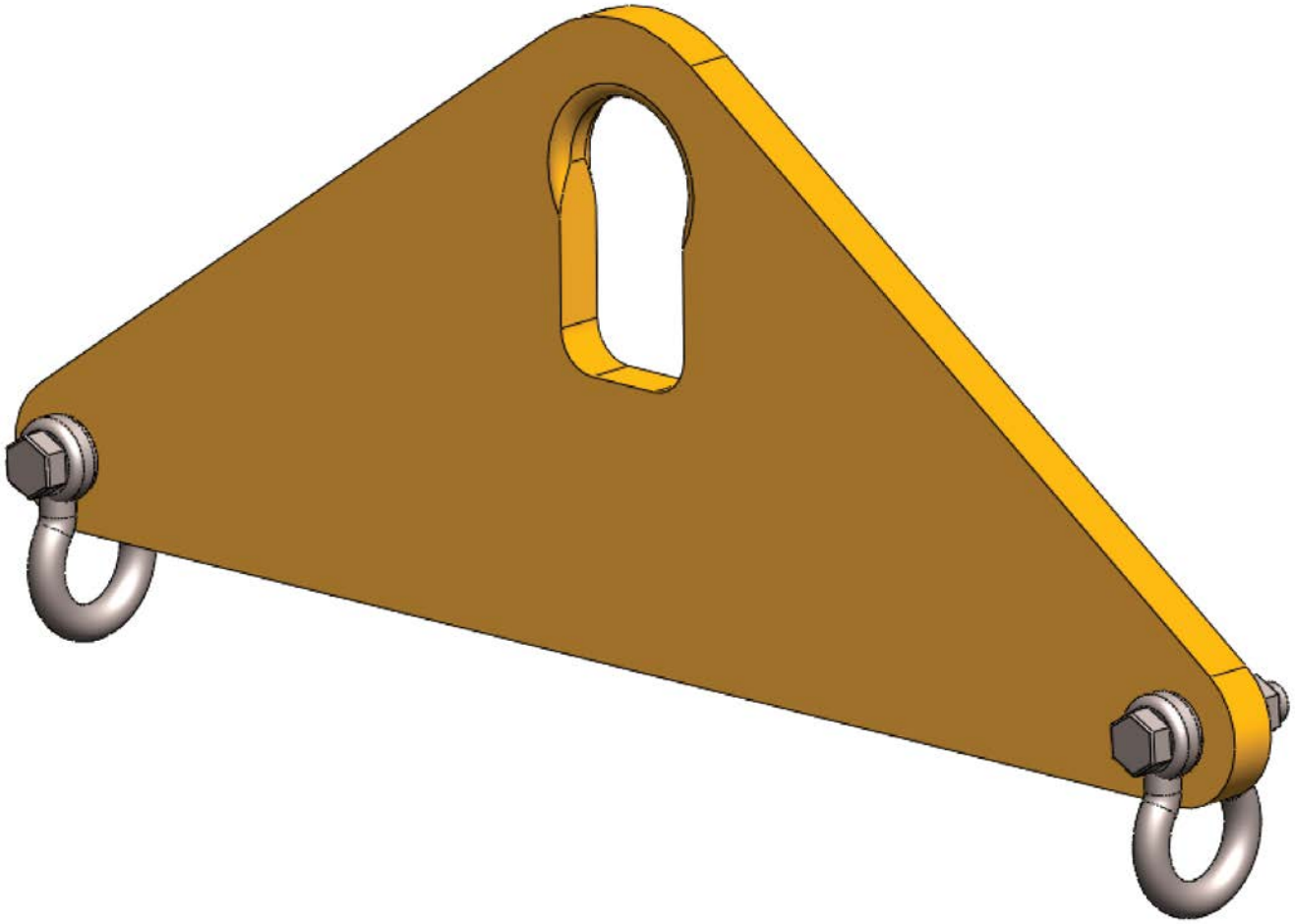
HCGCLB
CHLORINE GAS CYLINDER LIFTING BEAM ..... Page 29

HSSLB
SHORT SPAN LIFTING BEAM
PLATE STYLE

HARRINGTON QUICK SHIP

FEATURES
- This style of lifting beam is ideal for short span applications and can be utilized where headroom is limited.
- Supplied with a pair of shackles and one standard spread.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

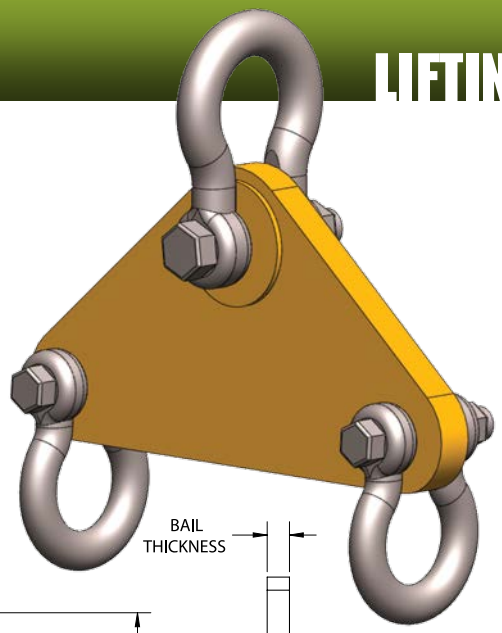
OPTIONS
- Additional lift points
- Higher capacities (supplied w/upper shackle)
- Additional lengths
- Upper shackle
- Upper shackle w/oblong link
- Hooks



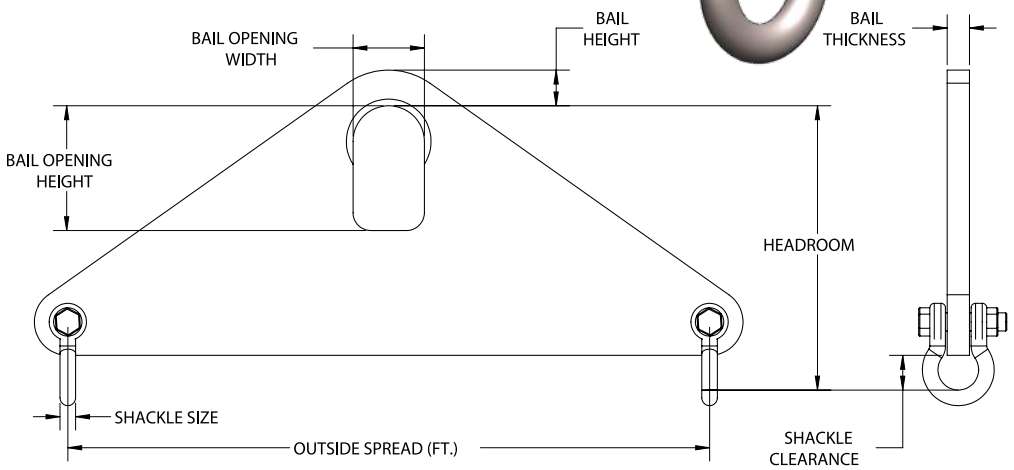
WARNING

DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

LIFTING BEAMS



Optional Design With Upper Shackle



Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)							Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Shackle Size	Shackle Clearance	
HSSLB-.25-1	1/4	1	6.9	0.63	2	4	0.50	3/8	0.9	10
HSSLB-.25-2	1/4	2	6.9	0.63	2	4	0.50	3/8	0.9	15
HSSLB-.25-3	1/4	3	6.9	0.63	2	4	0.50	3/8	0.9	25
HSSLB-1-1	1	1	9.6	0.88	3	5	0.75	5/8	1.6	20
HSSLB-1-2	1	2	9.6	0.88	3	5	0.75	5/8	1.6	40
HSSLB-1-3	1	3	9.6	0.88	3	5	0.75	5/8	1.6	50
HSSLB-3-1	3	1	10.8	1.25	3	5	1	3/4	1.8	40
HSSLB-3-2	3	2	10.8	1.25	3	5	1	3/4	1.8	60
HSSLB-3-3	3	3	10.8	1.25	3	5	1	3/4	1.8	80
HSSLB-10-2	10	2	16.1	2.00	4	7	1.25	7/8	2.1	110
HSSLB-10-3	10	3	16.1	2.00	4	7	1.25	7/8	2.1	140
HSSLB-20-2	20	2	20.1	2.50	5	9	1.50	1-1/4	3.1	160
HSSLB-20-3	20	3	20.1	2.50	5	9	1.50	1-1/4	3.1	220
HSSLB-40-2	40	2	29.5	3.50	7	16	2.50	1-3/4	4.5	420
HSSLB-40-3	40	3	29.5	3.50	7	16	2.50	1-3/4	4.5	550
HSSLB-50-2	50	2	31	3.63	7	16	2.50	1 3/4	4.5	440
HSSLB-50-3	50	3	31	3.63	7	16	2.50	1 3/4	4.5	565
HSSLB-70-2	70	2	34	4.00	7	18	3.00	2	4.8	620
HSSLB-70-3	70	3	34	4.00	7	18	3.00	2	4.8	795
HSSLB-110-2	110	2	40	5.25	8	20	3.50	2 1/2	7	960
HSSLB-110-3	110	3	40	5.25	8	20	3.50	2 1/2	7	1200
HSSLB-149-2	149	2	46	6.00	9	22	4.00	3	8.8	1050
HSSLB-149-3	149	3	46	6.00	9	22	4.00	3	8.8	1350
HSSLB-170-2	170	2	47.2	6.50	10	24	4.00	3	8.2	1150
HSSLB-170-3	170	3	47.2	6.50	10	24	4.00	3	8.2	1450
HSSLB-195-2	195	2	49.7	6.50	10	24	5.00	3 1/2	9.7	1780
HSSLB-195-3	195	3	49.7	6.50	10	24	5.00	3 1/2	9.7	2100

*1 US Ton = 2,000 lbs.

WARNING

DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

HSDLB

STANDARD DUTY LIFTING BEAM

CHANNEL DESIGN

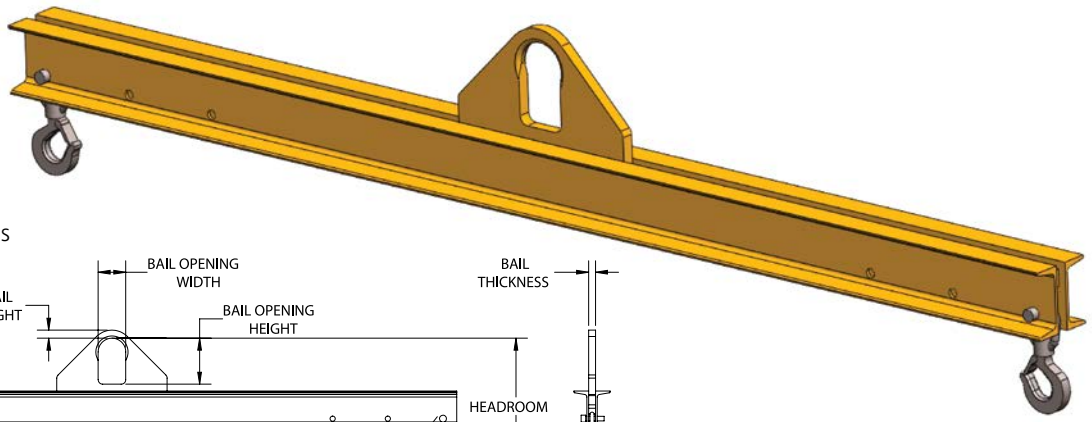
HARRINGTON QUICK SHIP

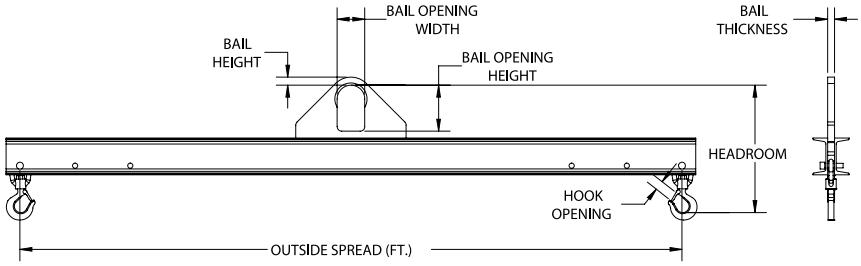
FEATURES

- This style of lifting beam can be utilized where headroom is limited and comes with a pair of swivel hooks and three standard spreads (3′ and 4′ beams have two standard spreads).
- Three standard lift points for load adjustment: outside lift point, middle lift point (outside less 1′), inside lift point (middle less 1′).
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS

- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks
- Shackle lugs
- Faspins
- Integrated beam stands





Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HSDLB-1/2-3	1/2	3	13	0.88	3	5	0.75	0.91	40
HSDLB-1/2-4	1/2	4	13	0.88	3	5	0.75	0.91	50
HSDLB-1/2-6	1/2	6	13	0.88	3	5	0.75	0.91	65
HSDLB-1/2-8	1/2	8	13	0.88	3	5	0.75	0.91	80
HSDLB-1/2-10	1/2	10	14	0.88	3	5	0.75	0.91	125
HSDLB-1/2-12	1/2	12	14	0.88	3	5	0.75	0.91	145
HSDLB-1/2-14	1/2	14	15	0.88	3	5	0.75	0.91	210
HSDLB-1/2-16	1/2	16	16	0.88	3	5	0.75	0.91	360
HSDLB-1/2-18	1/2	18	17	0.88	3	5	0.75	0.91	465
HSDLB-1/2-20	1/2	20	18	0.88	3	5	0.75	0.91	490
HSDLB-1/2-24	1/2	24	20	0.88	3	5	0.75	0.91	765
HSDLB-1/2-30	1/2	30	22	0.88	3	5	0.75	0.91	1280
HSDLB-1-3	1	3	13	0.88	3	5	0.75	0.91	40
HSDLB-1-4	1	4	13	0.88	3	5	0.75	0.91	50
HSDLB-1-6	1	6	14	0.88	3	5	0.75	0.91	80
HSDLB-1-8	1	8	14	0.88	3	5	0.75	0.91	105
HSDLB-1-10	1	10	15	0.88	3	5	0.75	0.91	150
HSDLB-1-12	1	12	16	0.88	3	5	0.75	0.91	275
HSDLB-1-14	1	14	17	0.88	3	5	0.75	0.91	365
HSDLB-1-16	1	16	18	0.88	3	5	0.75	0.91	390
HSDLB-1-18	1	18	19	0.88	3	5	0.75	0.91	505
HSDLB-1-20	1	20	20	0.88	3	5	0.75	0.91	640
HSDLB-1-24	1	24	22	0.88	3	5	0.75	0.91	1025

*1 US Ton = 2,000 lbs.

cont.

WARNING

DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

STANDARD DUTY LIFTING BEAM - CHANNEL DESIGN cont.

Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HSDLB-2-3	2	3	13	0.88	3	5	0.75	0.91	40
HSDLB-2-4	2	4	14	0.88	3	5	0.75	0.91	60
HSDLB-2-6	2	6	15	0.88	3	5	0.75	0.91	95
HSDLB-2-8	2	8	16	0.88	3	5	0.75	0.91	150
HSDLB-2-10	2	10	17	0.88	3	5	0.75	0.91	265
HSDLB-2-12	2	12	18	0.88	3	5	0.75	0.91	295
HSDLB-2-14	2	14	19	0.88	3	5	0.75	0.91	400
HSDLB-2-16	2	16	22	0.88	3	5	0.75	1.00	690
HSDLB-2-18	2	18	22	0.88	3	5	0.75	1.00	775
HSDLB-2-20	2	20	22	0.88	3	5	0.75	1.00	860
HSDLB-2-24	2	24	25	0.88	3	5	0.75	1.00	1665
HSDLB-3-3	3	3	14	1.25	3	5	1	1	55
HSDLB-3-4	3	4	15	1.25	3	5	1	1	80
HSDLB-3-6	3	6	16	1.25	3	5	1	1	155
HSDLB-3-8	3	8	17	1.25	3	5	1	1	225
HSDLB-3-10	3	10	18	1.25	3	5	1	1	260
HSDLB-3-12	3	12	20	1.25	3	5	1	1	400
HSDLB-3-14	3	14	22	1.25	3	5	1	1	620
HSDLB-3-16	3	16	22	1.25	3	5	1	1	705
HSDLB-3-18	3	18	26	1.25	3	5	1	1.36	1280
HSDLB-3-20	3	20	26	1.25	3	5	1	1.36	1420
HSDLB-3-24	3	24	26	1.25	3	5	1	1.36	1690
HSDLB-5-3	5	3	18	2	4	7	1.25	1.36	100
HSDLB-5-4	5	4	19	2	4	7	1.25	1.36	145
HSDLB-5-6	5	6	20	2	4	7	1.25	1.36	210
HSDLB-5-8	5	8	22	2	4	7	1.25	1.36	280
HSDLB-5-10	5	10	24	2	4	7	1.25	1.36	380
HSDLB-5-12	5	12	25	2	4	7	1.25	1.36	570
HSDLB-5-14	5	14	30	2	4	7	1.25	1.61	1045
HSDLB-5-16	5	16	30	2	4	7	1.25	1.61	1185
HSDLB-5-18	5	18	30	2	4	7	1.25	1.61	1325
HSDLB-5-20	5	20	30	2	4	7	1.25	1.61	1470
HSDLB-5-24	5	24	33	2	4	7	1.25	1.61	2320
HSDLB-7.5-3	7.5	3	21	2	4	7	1.25	1.61	130
HSDLB-7.5-4	7.5	4	22	2	4	7	1.25	1.61	170
HSDLB-7.5-6	7.5	6	24	2	4	7	1.25	1.61	235
HSDLB-7.5-8	7.5	8	25	2	4	7	1.25	1.61	320
HSDLB-7.5-10	7.5	10	27	2	4	7	1.25	1.61	495
HSDLB-7.5-12	7.5	12	30	2	4	7	1.25	1.61	900
HSDLB-7.5-14	7.5	14	30	2	4	7	1.25	1.61	1050
HSDLB-7.5-16	7.5	16	30	2	4	7	1.25	1.61	1190
HSDLB-7.5-18	7.5	18	33	2	4	7	1.25	1.61	1640
HSDLB-10-3	10	3	22	2	4	7	1.25	1.61	145
HSDLB-10-4	10	4	23	2	4	7	1.25	1.61	165
HSDLB-10-6	10	6	25	2	4	7	1.25	1.61	260
HSDLB-10-8	10	8	27	2	4	7	1.25	1.61	410
HSDLB-10-10	10	10	30	2	4	7	1.25	1.61	770
HSDLB-10-12	10	12	30	2	4	7	1.25	1.61	910
HSDLB-10-14	10	14	30	2	4	7	1.25	1.61	1055
HSDLB-10-16	10	16	33	2	4	7	1.25	1.61	1475
HSDLB-10-18	10	18	33	2	4	7	1.25	1.61	1985

*1 US Ton = 2,000 lbs.

cont.

HSDLB

STANDARD DUTY LIFTING BEAM cont.

CHANNEL DESIGN

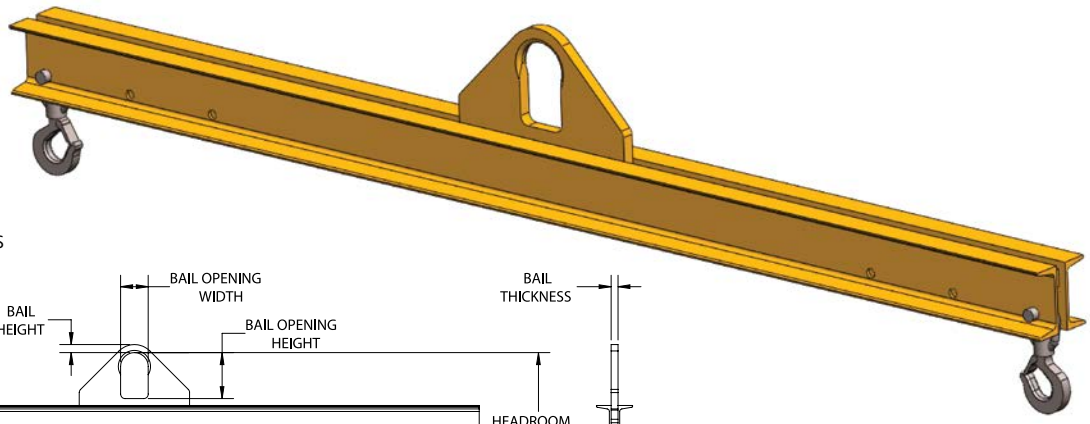
HARRINGTON H QUICK SHIP

FEATURES

- This style of lifting beam can be utilized where headroom is limited and comes with a pair of swivel hooks and three standard spreads (3' and 4' beams have two standard spreads).
- Three standard lift points for load adjustment: outside lift point, middle lift point (outside less 1'), inside lift point (middle less 1').
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS

- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks
- Shackle lugs
- Faspins
- Integrated beam stands



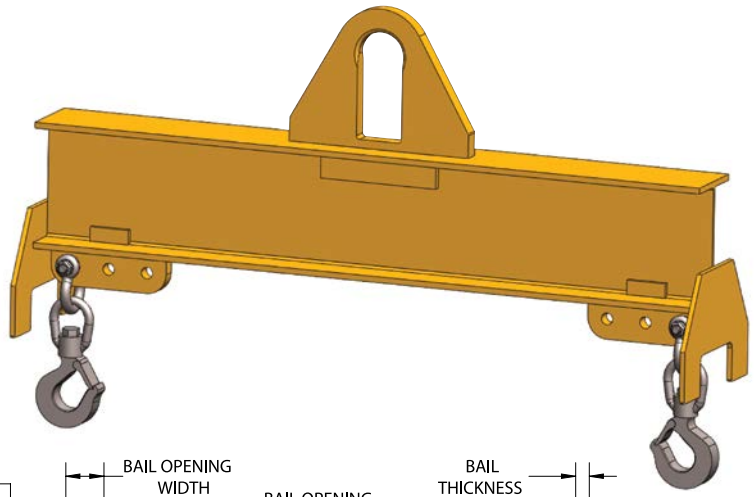
Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HSDLB-15-3	15	3	26	2.5	5	9	1.5	2.08	190
HSDLB-15-4	15	4	28	2.5	5	9	1.5	2.08	255
HSDLB-15-6	15	6	30	2.5	5	9	1.5	2.08	385
HSDLB-15-8	15	8	33	2.5	5	9	1.5	2.08	700
HSDLB-15-10	15	10	33	2.5	5	9	1.5	2.08	835
HSDLB-15-12	15	12	37	2.5	5	9	1.5	2.08	1195
HSDLB-15-14	15	14	37	2.5	5	9	1.5	2.08	1460
HSDLB-20-3	20	3	29	2.5	5	9	1.5	2.27	235
HSDLB-20-4	20	4	31	2.5	5	9	1.5	2.27	320
HSDLB-20-6	20	6	34	2.5	5	9	1.5	2.27	575
HSDLB-20-8	20	8	34	2.5	5	9	1.5	2.27	710
HSDLB-20-10	20	10	35	2.5	5	9	1.5	2.27	840
HSDLB-20-12	20	12	38	2.5	5	9	1.5	2.27	1585
HSDLB-25-4	25	4	38	3	6	12	1.75	3.02	415
HSDLB-25-6	25	6	41	3	6	12	1.75	3.02	680
HSDLB-25-8	25	8	41	3	6	12	1.75	3.02	815
HSDLB-25-10	25	10	44	3	6	12	1.75	3.02	1462
HSDLB-25-12	25	12	44	3	6	12	1.75	3.02	1700
HSDLB-30-4	30	4	45	3.5	7	16	2	3.02	655
HSDLB-30-6	30	6	45	3.5	7	16	2	3.02	790
HSDLB-30-8	30	8	48	3.5	7	16	2	3.02	1330
HSDLB-40-4	40	4	45	3.5	7	16	2.5	3.02	745
HSDLB-40-6	40	6	48	3.5	7	16	2.5	3.02	1185

*1 US Ton = 2,000 lbs.

WARNING

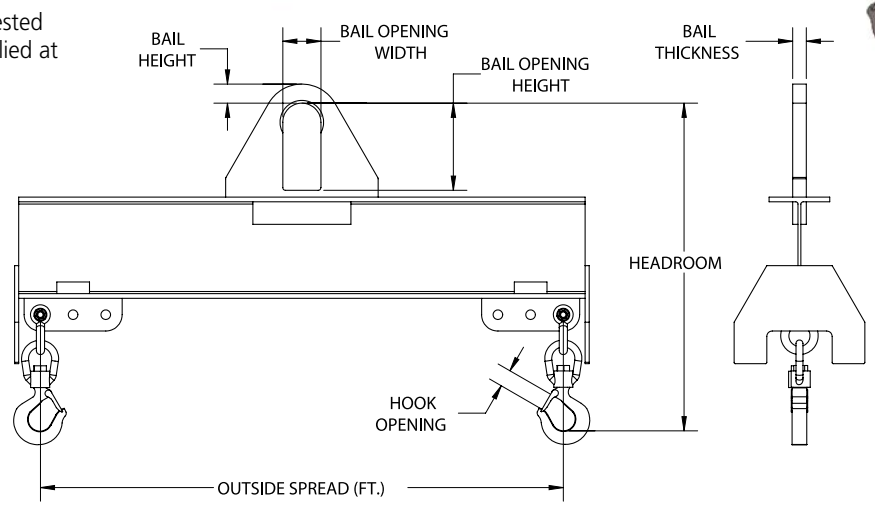
DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

HSDLB
STANDARD DUTY LIFTING BEAM
I-BEAM DESIGN w/FLAME CUT BAIL



FEATURES
- This style of lifting beam can be utilized where headroom is limited and comes with a pair of shackles & swivel hooks with three standard spreads.
- Standard I-Beam construction with integrated beam stands.
- Three standard lift points for load adjustment: outside lift point, middle lift point (outside less 1'), inside lift point (middle less 1').
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

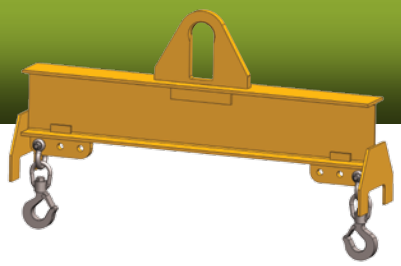
OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks & shackles.



Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HSDLB-1-30	1	30	26	0.88	3	5	0.75	0.89	1575
HSDLB-1-34	1	34	24	0.88	3	5	0.75	0.89	1685
HSDLB-1-38	1	38	24	0.88	3	5	0.75	0.89	2225
HSDLB-1-42	1	42	26	0.88	3	5	0.75	0.89	2950
HSDLB-2-30	2	30	26	0.88	3	5	0.75	0.89	1680
HSDLB-2-34	2	34	24	1.50	3	5	1	0.89	2240
HSDLB-2-38	2	38	25	1.50	3	5	1	0.89	2820
HSDLB-2-42	2	42	27	1.50	3	5	1	0.89	3580
HSDLB-3-30	3	30	28	1.25	3	5	1	1	1995
HSDLB-3-34	3	34	27	1.5	3	5	1	1	2175
HSDLB-3-38	3	38	28	1.5	3	5	1	1	3270
HSDLB-3-42	3	42	29	1.5	3	5	1	1	4085
HSDLB-5-30	5	30	30	2	4	7	1.25	1.36	2430
HSDLB-5-34	5	34	32	2	4	7	1.25	1.36	3290
HSDLB-5-38	5	38	34	2	4	7	1.25	1.36	4150
HSDLB-5-42	5	42	34	2	4	7	1.25	1.36	5000
HSDLB-7.5-20	7.5	20	33	2	4	7	1.25	1.61	1390
HSDLB-7.5-24	7.5	24	33	2	4	7	1.25	1.61	1985
HSDLB-7.5-30	7.5	30	33	2	4	7	1.25	1.61	2900
HSDLB-7.5-34	7.5	34	37	2	4	7	1.25	1.61	3740
HSDLB-7.5-38	7.5	38	37	2	4	7	1.25	1.61	5000
HSDLB-7.5-42	7.5	42	37	2	4	7	1.25	1.61	6020

*1 US Ton = 2,000 lbs.

cont.



HSDLB
STANDARD DUTY LIFTING BEAM
I-BEAM DESIGN w/FLAME CUT BAIL cont.

Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HSDLB-10-20	10	20	34	2	4	7	1.25	1.61	1540
HSDLB-10-24	10	24	34	2	4	7	1.25	1.61	2180
HSDLB-10-30	10	30	36	2	4	7	1.25	1.61	3310
HSDLB-10-34	10	34	38	2	4	7	1.25	1.61	4515
HSDLB-10-38	10	38	38	2	4	7	1.25	1.61	5495
HSDLB-10-42	10	42	39	2	4	7	1.25	1.61	7260
HSDLB-15-16	15	16	39	2.5	5	9	1.5	2.08	1430
HSDLB-15-18	15	18	40	2.5	5	9	1.5	2.08	1690
HSDLB-15-20	15	20	40	2.5	5	9	1.5	2.08	2015
HSDLB-15-24	15	24	41	2.5	5	9	1.5	2.08	2825
HSDLB-15-30	15	30	40	2.5	5	9	1.5	2.08	4470
HSDLB-15-34	15	34	42	2.5	5	9	1.5	2.08	5400
HSDLB-15-38	15	38	43	2.5	5	9	1.5	2.08	6655
HSDLB-15-42	15	42	43	2.5	5	9	1.5	2.08	8840
HSDLB-20-14	20	14	43	2.5	5	9	1.5	2.27	1270
HSDLB-20-16	20	16	44	2.5	5	9	1.5	2.27	1590
HSDLB-20-18	20	18	44	2.5	5	9	1.5	2.27	1980
HSDLB-20-20	20	20	46	2.5	5	9	1.5	2.27	2340
HSDLB-20-24	20	24	46	2.5	5	9	1.5	2.27	3315
HSDLB-20-30	20	30	47	2.5	5	9	1.5	2.27	5295
HSDLB-20-34	20	34	49	2.75	5	9	1.5	2.27	6565
HSDLB-20-38	20	38	55	2.75	5	9	1.5	2.27	8580
HSDLB-20-42	20	42	56	2.75	5	9	1.5	2.27	10430
HSDLB-25-14	25	14	52	3	6	12	1.75	2.27	1620
HSDLB-25-16	25	16	52	3	6	12	1.75	2.27	1995
HSDLB-25-18	25	18	54	3	6	12	1.75	2.27	2345
HSDLB-25-20	25	20	57	3	6	12	1.75	2.27	2865
HSDLB-25-24	25	24	57	3	6	12	1.75	2.27	3870
HSDLB-25-30	25	30	58	3	6	12	1.75	2.27	5810
HSDLB-25-34	25	34	64	3	6	12	1.75	2.27	7800
HSDLB-25-38	25	38	65	3	6	12	1.75	2.27	9555
HSDLB-25-42	25	42	67	3	6	12	1.75	2.27	11800
HSDLB-30-10	30	10	52	3.5	7	16	2	2.27	1210
HSDLB-30-12	30	12	54	3.5	7	16	2	2.27	1465
HSDLB-30-14	30	14	54	3.5	7	16	2	2.27	1780
HSDLB-30-16	30	16	54	3.5	7	16	2	2.27	2155
HSDLB-30-18	30	18	59	3.5	7	16	2	2.27	2500
HSDLB-30-20	30	20	59	3.5	7	16	2	2.27	2995
HSDLB-30-24	30	24	60	3.5	7	16	2	2.27	4240
HSDLB-30-30	30	30	65	3.5	7	16	2	2.27	6015
HSDLB-30-34	30	34	72	3.5	7	16	2	2.27	8330
HSDLB-30-38	30	38	70	3.5	7	16	2	2.27	10605
HSDLB-30-42	30	42	70	3.5	7	16	2	2.27	12915
HSDLB-40-8	40	8	62	3.5	7	16	2.5	3.02	1260
HSDLB-40-10	40	10	63	3.5	7	16	2.5	3.02	1630
HSDLB-40-12	40	12	63	3.5	7	16	2.5	3.02	1935
HSDLB-40-14	40	14	63	3.5	7	16	2.5	3.02	2335
HSDLB-40-16	40	16	65	3.5	7	16	2.5	3.02	2520
HSDLB-40-18	40	18	66	3.5	7	16	2.5	3.02	3255
HSDLB-40-20	40	20	68	3.5	7	16	2.5	3.02	3865
HSDLB-40-24	40	24	71	3.5	7	16	2.5	3.02	5170
HSDLB-40-30	40	30	75	3.5	7	16	2.5	3.02	7155
HSDLB-40-34	40	34	77	3.5	7	16	2.5	3.02	9780
HSDLB-40-38	40	38	80	3.5	7	16	2.5	3.02	12075
HSDLB-40-42	40	42	83	3.5	7	16	2.5	3.02	15240

*1 US Ton = 2,000 lbs.

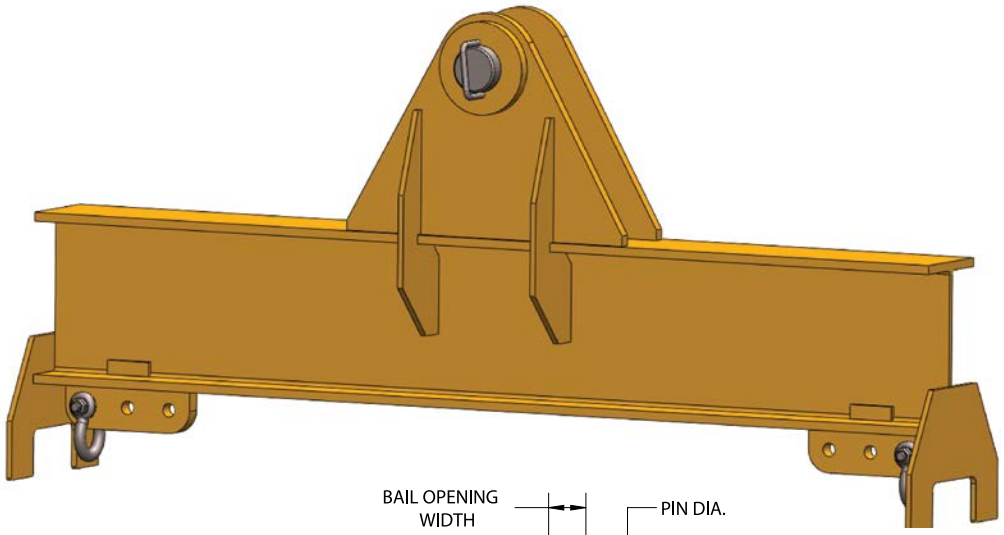
WARNING

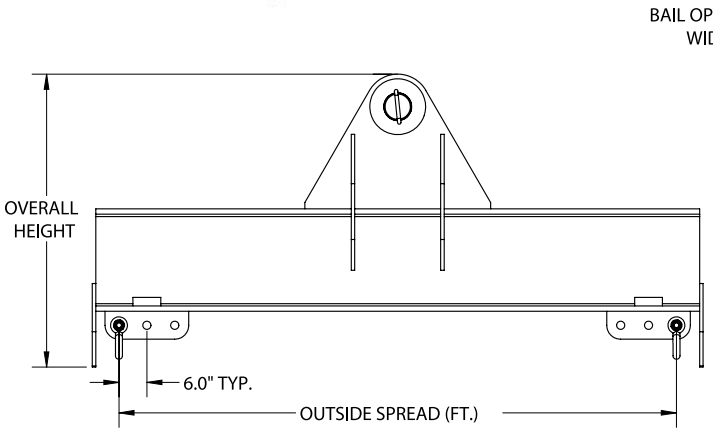
DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

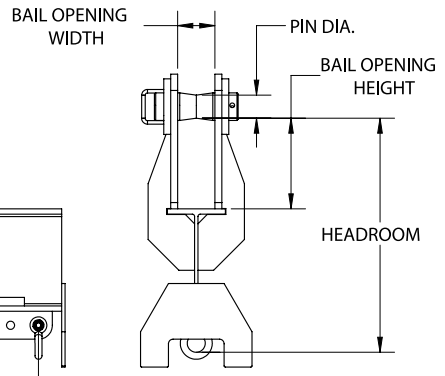
HSDLB
STANDARD DUTY LIFTING BEAM
I-BEAM DESIGN w/PIN BAIL

FEATURES
- This style of lifting beam can be utilized where headroom is limited & comes with a pair of shackles and three standard spreads.
- Standard I-Beam construction with pin bail & integrated beam stands.
- Three standard lift points for load adjustment: outside lift point, middle lift point (outside less 1'), inside lift point (middle less 1').
- Engineered & manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity & certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Swivel hooks
- Additional shackles



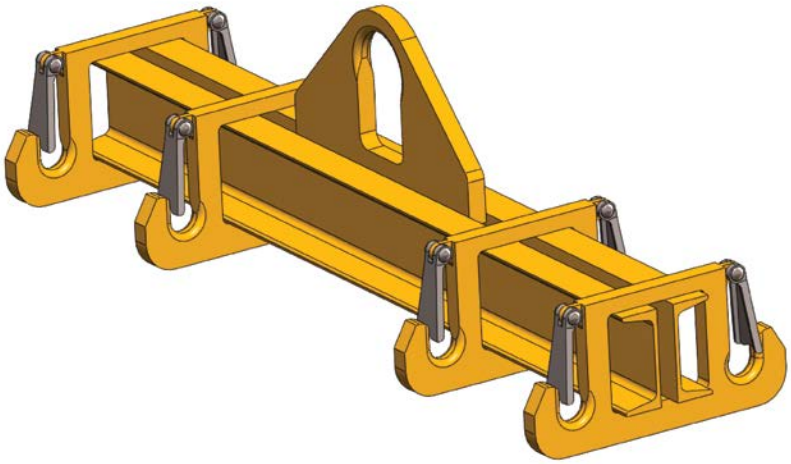




Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Pin Diameter	Bail Opening Width	Bail Opening Height	Overall Width	Overall Height	
HSDLB-50-10	50	10	57	5	8	19.5	138	70	3313
HSDLB-50-15	50	15	58	5	8	19.5	198	71	4417
HSDLB-50-20	50	20	58	5	8	19.5	258	71	5935
HSDLB-65-10	65	10	58	5	8	19.5	138	71	3518
HSDLB-65-15	65	15	61	5	8	19.5	198	74	4735
HSDLB-65-20	65	20	64	5	8	19.5	258	77	6671
HSDLB-80-10	80	10	64	5.5	8	21.25	138	77	4212
HSDLB-80-15	80	15	67	5.5	8	21.25	198	80	5529
HSDLB-80-20	80	20	70	5.5	8	21.25	258	83	7675

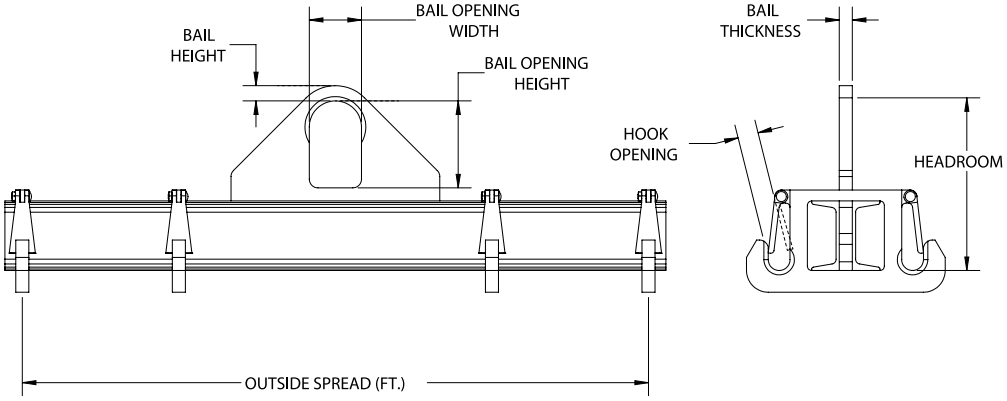
*1 US Ton = 2,000 lbs.

HBSLB
BASKET SLING LIFTING BEAM



FEATURES
- This style of lifting beam can be utilized where headroom is limited with slings in a basket hitch.
- Includes two sets of fixed hooks (3' and 4' beams have one set of hooks).
- Two standard lift points for load adjustment; outside lift point & inside lift point (1/2 the overall length).
- Engineered & manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity & certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks
- Sling spacers



Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HBSLB-1/2-3	1/2	3	9	0.88	3	5	0.75	1.06	53
HBSLB-1/2-4	1/2	4	9	0.88	3	5	0.75	1.06	68
HBSLB-1/2-6	1/2	6	9	0.88	3	5	0.75	1.06	116
HBSLB-1/2-8	1/2	8	9	0.88	3	5	0.75	1.06	158
HBSLB-1/2-10	1/2	10	10	0.88	3	5	0.75	1.06	210
HBSLB-1/2-12	1/2	12	10	0.88	3	5	0.75	1.06	231
HBSLB-1/2-14	1/2	14	11	0.88	3	5	0.75	1.06	313
HBSLB-1/2-16	1/2	16	11	0.88	3	5	0.75	1.06	348
HBSLB-1/2-18	1/2	18	12	0.88	3	5	0.75	1.06	445
HBSLB-1/2-20	1/2	20	12	0.88	3	5	0.75	1.06	486
HBSLB-1/2-24	1/2	24	13	0.88	3	5	0.75	1.06	658
HBSLB-1/2-30	1/2	30	14	0.88	3	5	0.75	1.06	898
HBSLB-1-3	1	3	9	0.88	3	5	0.75	1.13	53
HBSLB-1-4	1	4	9	0.88	3	5	0.75	1.13	68
HBSLB-1-6	1	6	10	0.88	3	5	0.75	1.13	152
HBSLB-1-8	1	8	11	0.88	3	5	0.75	1.13	221
HBSLB-1-10	1	10	11	0.88	3	5	0.75	1.13	242
HBSLB-1-12	1	12	12	0.88	3	5	0.75	1.13	305
HBSLB-1-14	1	14	12	0.88	3	5	0.75	1.13	355
HBSLB-1-16	1	16	13	0.88	3	5	0.75	1.13	410
HBSLB-1-18	1	18	14	0.88	3	5	0.75	1.13	566
HBSLB-1-20	1	20	14	0.88	3	5	0.75	1.13	617
HBSLB-1-24	1	24	16	0.88	3	5	0.75	1.13	952
HBSLB-1-30	1	30	16	0.88	3	5	0.75	1.13	1208

*1 US Ton = 2,000 lbs.

cont.

WARNING

DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

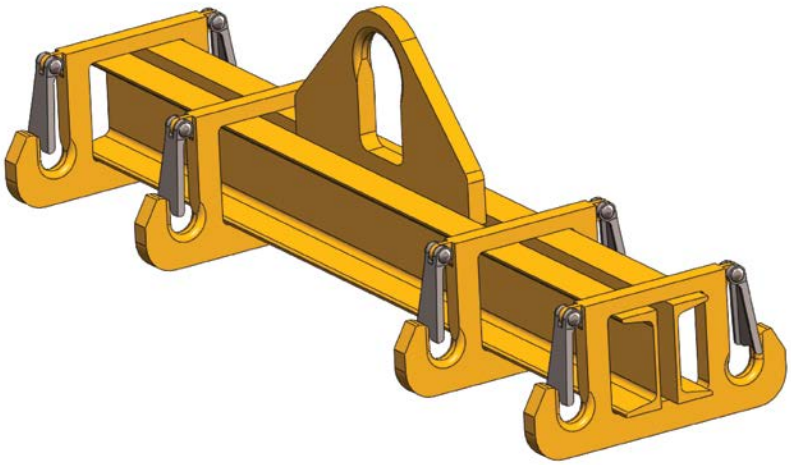
BASKET SLING LIFTING BEAM cont.

Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HBSLB-2-3	2	3	10	0.88	3	5	0.75	1.13	74
HBSLB-2-4	2	4	11	0.88	3	5	0.75	1.13	95
HBSLB-2-6	2	6	11	0.88	3	5	0.75	1.13	168
HBSLB-2-8	2	8	12	0.88	3	5	0.75	1.13	236
HBSLB-2-10	2	10	13	0.88	3	5	0.75	1.13	315
HBSLB-2-12	2	12	14	0.88	3	5	0.75	1.13	394
HBSLB-2-14	2	14	14	0.88	3	5	0.75	1.13	469
HBSLB-2-16	2	16	15	0.88	3	5	0.75	1.13	541
HBSLB-2-18	2	18	16	0.88	3	5	0.75	1.13	761
HBSLB-2-20	2	20	16	0.88	3	5	0.75	1.13	856
HBSLB-2-24	2	24	18	0.88	3	5	0.75	1.13	1282
HBSLB-2-30	2	30	21	0.88	3	5	0.75	1.13	2386
HBSLB-5-3	5	3	14	2	4	7	1	1.13	95
HBSLB-5-4	5	4	15	2	4	7	1	1.13	168
HBSLB-5-6	5	6	16	2	4	7	1	1.13	289
HBSLB-5-8	5	8	17	2	4	7	1	1.13	368
HBSLB-5-10	5	10	17	2	4	7	1	1.13	473
HBSLB-5-12	5	12	17	2	4	7	1	1.13	525
HBSLB-5-14	5	14	19	2	4	7	1.25	1.13	897
HBSLB-5-16	5	16	20	2	4	7	1.25	1.13	987
HBSLB-5-18	5	18	23	2	4	7	1.25	1.13	1468
HBSLB-5-20	5	20	23	2	4	7	1.25	1.13	1733
HBSLB-5-24	5	24	23	2	4	7	1.25	1.13	2251
HBSLB-5-30	5	30	26	2	4	7	1.25	1.13	2447
HBSLB-7.5-3	7.5	3	15	2	4	7	1.25	1.75	158
HBSLB-7.5-4	7.5	4	16	2	4	7	1.25	1.75	189
HBSLB-7.5-6	7.5	6	17	2	4	7	1.25	1.75	336
HBSLB-7.5-8	7.5	8	18	2	4	7	1.25	1.75	431
HBSLB-7.5-10	7.5	10	18	2	4	7	1.25	1.75	525
HBSLB-7.5-12	7.5	12	20	2	4	7	1.25	1.75	735
HBSLB-7.5-14	7.5	14	23	2	4	7	1.25	1.75	1204
HBSLB-7.5-16	7.5	16	23	2	4	7	1.25	1.75	1364
HBSLB-7.5-18	7.5	18	23	2	4	7	1.25	1.75	1541
HBSLB-7.5-20	7.5	20	23	2	4	7	1.25	1.75	1686
HBSLB-7.5-24	7.5	24	26	2	4	7	1.25	1.75	2452
HBSLB-7.5-30	7.5	30	26	2	4	7	1.25	1.75	3021
HBSLB-10-3	10	3	16	2	4	7	1.25	1.75	163
HBSLB-10-4	10	4	17	2	4	7	1.25	1.75	210
HBSLB-10-6	10	6	18	2	4	7	1.25	1.75	347
HBSLB-10-8	10	8	20	2	4	7	1.25	1.75	525
HBSLB-10-10	10	10	23	2	4	7	1.25	1.75	893
HBSLB-10-12	10	12	20	2	4	7	1.25	1.75	1050
HBSLB-10-14	10	14	23	2	4	7	1.25	1.75	1220
HBSLB-10-16	10	16	23	2	4	7	1.25	1.75	1365
HBSLB-10-18	10	18	26	2	4	7	1.25	1.75	1827
HBSLB-10-20	10	20	26	2	4	7	1.25	1.75	2040
HBSLB-10-24	10	24	26	2	4	7	1.25	1.75	2472
HBSLB-10-30	10	30	26	2	4	7	1.25	1.75	3110

*1 US Ton = 2,000 lbs.

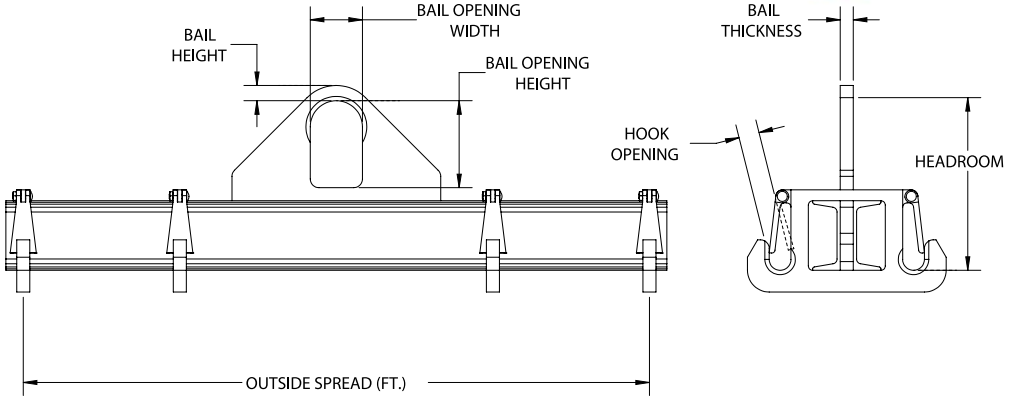
cont.

HBSLB
BASKET SLING LIFTING BEAM cont.



FEATURES
- This style of lifting beam can be utilized where headroom is limited with slings in a basket hitch.
- Includes two sets of fixed hooks (3' and 4' beams have one set of hooks).
- Two standard lift points for load adjustment; outside lift point & inside lift point (1/2 the overall length).
- Engineered & manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity & certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks
- Sling spacers



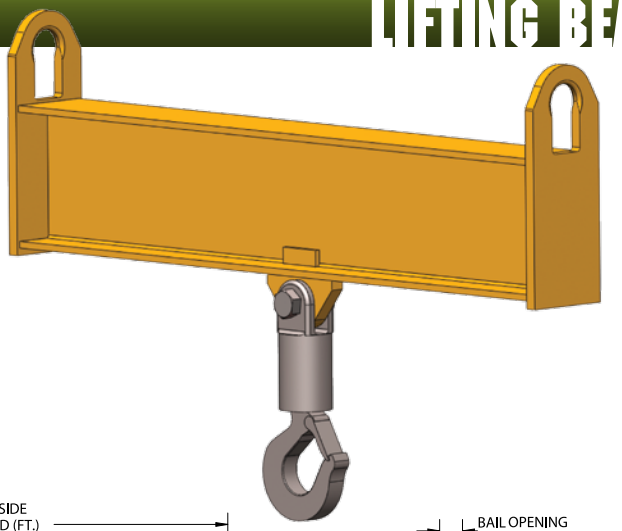
Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HBSLB-15-3	15	3	19	2.5	5	9	1.5	4	266
HBSLB-15-4	15	4	20	2.5	5	9	1.5	4	344
HBSLB-15-6	15	6	22	2.5	5	9	1.5	4	956
HBSLB-15-8	15	8	22	2.5	5	9	1.5	4	1050
HBSLB-15-10	15	10	25	2.5	5	9	1.5	4	1208
HBSLB-15-12	15	12	28	2.5	5	9	1.5	4	1827
HBSLB-15-14	15	14	28	2.5	5	9	1.5	4	2032
HBSLB-15-16	15	16	28	2.5	5	9	1.5	4	2205
HBSLB-15-18	15	18	28	2.5	5	9	1.5	4	2511
HBSLB-15-20	15	20	28	2.5	5	9	1.5	4	2713
HBSLB-15-24	15	24	28	2.5	5	9	1.5	4	3675
HBSLB-15-30	15	30	30	2.5	5	9	1.5	4	4305
HBSLB-20-3	20	3	20	2.5	5	9	1.5	4	417
HBSLB-20-4	20	4	22	2.5	5	9	1.5	4	495
HBSLB-20-6	20	6	22	2.5	5	9	1.5	4	1019
HBSLB-20-8	20	8	25	2.5	5	9	1.5	4	1302
HBSLB-20-10	20	10	25	2.5	5	9	1.5	4	1319
HBSLB-20-12	20	12	25	2.5	5	9	1.5	4	2079
HBSLB-20-14	20	14	28	2.5	5	9	1.5	4	2168
HBSLB-20-16	20	16	28	2.5	5	9	1.5	4	2321
HBSLB-20-18	20	18	28	2.5	5	9	1.5	4	2604
HBSLB-20-20	20	20	28	2.5	5	9	1.5	4	2893
HBSLB-20-24	20	24	31	2.5	5	9	1.5	4	4247
HBSLB-20-30	20	30	31	2.5	5	9	1.5	4	4725

*1 US Ton = 2,000 lbs.

WARNING

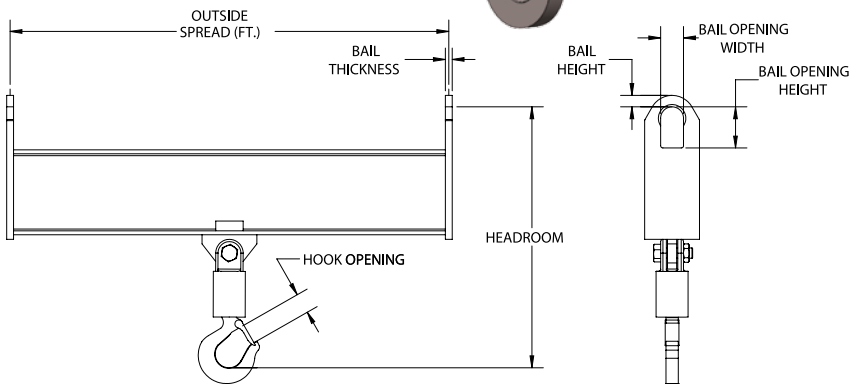
DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

HDCLB
DUAL CRANE LIFTING BEAM



FEATURES
- This style of lifting beam is utilized with two cranes, where headroom is limited, and comes standard with a swivel hook.
- Roller bearing hook standard on capacities 30 tons and over.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Center bail
- Additional hooks
- Integrated beam stands

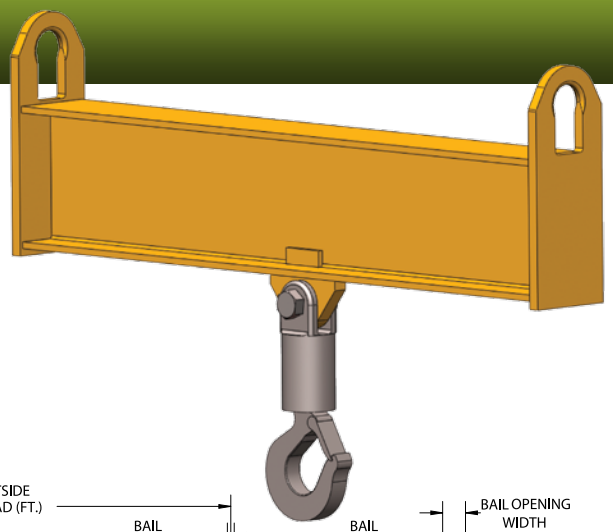


Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HDCLB-2-6	2	6	17	1.5	3	5	0.63	1.09	125
HDCLB-2-8	2	8	17	1.5	3	5	0.63	1.09	160
HDCLB-2-10	2	10	18	1.5	3	5	0.63	1.09	240
HDCLB-2-12	2	12	18	1.5	3	5	0.63	1.09	280
HDCLB-2-14	2	14	19	1.5	3	5	0.63	1.09	360
HDCLB-2-16	2	16	19	1.5	3	5	0.63	1.09	400
HDCLB-2-18	2	18	19	1.5	3	5	0.63	1.09	530
HDCLB-2-20	2	20	19	1.5	3	5	0.63	1.09	660
HDCLB-2-24	2	24	20	1.5	3	5	0.63	1.09	790
HDCLB-4-6	4	6	20	1.5	3	5	0.63	1.61	160
HDCLB-4-8	4	8	21	1.5	3	5	0.63	1.61	240
HDCLB-4-10	4	10	22	1.5	3	5	0.63	1.61	310
HDCLB-4-12	4	12	23	1.5	3	5	0.63	1.61	410
HDCLB-4-14	4	14	23	1.5	3	5	0.63	1.61	500
HDCLB-4-16	4	16	25	1.5	3	5	0.63	1.61	725
HDCLB-4-18	4	18	25	1.5	3	5	0.63	1.61	805
HDCLB-4-20	4	20	25	1.5	3	5	0.63	1.61	890
HDCLB-4-24	4	24	26	1.5	3	5	0.63	1.61	1695
HDCLB-6-6	6	6	28	1.5	3	5	0.75	2.08	220
HDCLB-6-8	6	8	29	1.5	3	5	0.75	2.08	300
HDCLB-6-10	6	10	29	1.5	3	5	0.75	2.08	380
HDCLB-6-12	6	12	31	1.5	3	5	0.75	2.08	550
HDCLB-6-14	6	14	31	1.5	3	5	0.75	2.08	640
HDCLB-6-16	6	16	31	1.5	3	5	0.75	2.08	780
HDCLB-6-18	6	18	31	1.5	3	5	0.75	2.08	1310
HDCLB-6-20	6	20	31	1.5	3	5	0.75	2.08	1450
HDCLB-6-24	6	24	32	1.5	3	5	0.75	2.08	1735

*1 US Ton = 2,000 lbs.

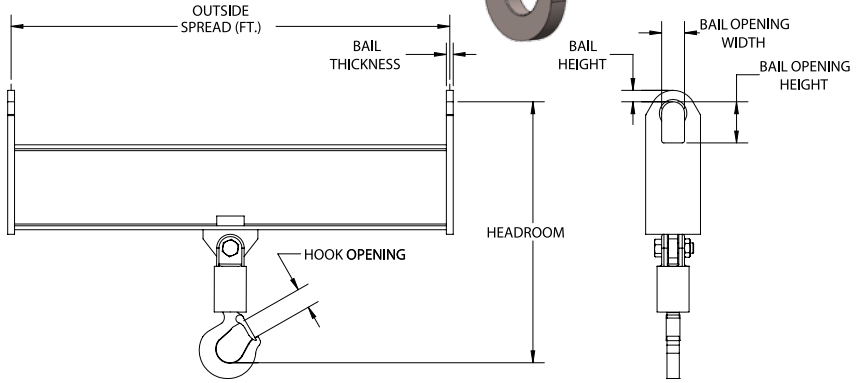
cont.

HDCLB
DUAL CRANE LIFTING BEAM cont.



FEATURES
- This style of lifting beam is utilized with two cranes, where headroom is limited, and comes standard with a swivel hook.
- Roller bearing hook standard on capacities 30 tons and over.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Center bail
- Additional hooks
- Integrated beam stands



Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)						Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HDCLB-10-6	10	6	29	2	4	7	1	2.27	340
HDCLB-10-8	10	8	29	2	4	7	1	2.27	420
HDCLB-10-10	10	10	32	2	4	7	1	2.27	800
HDCLB-10-12	10	12	32	2	4	7	1	2.27	920
HDCLB-10-14	10	14	32	2	4	7	1	2.27	1100
HDCLB-10-16	10	16	32	2	4	7	1	2.27	1220
HDCLB-10-18	10	18	32	2	4	7	1	2.27	1705
HDCLB-10-20	10	20	32	2	4	7	1	2.27	1840
HDCLB-10-24	10	24	33	2	4	7	1	2.27	2230
HDCLB-15-8	15	8	38	2	4	7	1.25	3.02	814
HDCLB-15-10	15	10	38	2	4	7	1.25	3.02	952
HDCLB-15-12	15	12	38	2	4	7	1.25	3.02	1155
HDCLB-15-14	15	14	41	2	4	7	1.25	3.02	2123
HDCLB-15-16	15	16	41	2	4	7	1.25	3.02	2374
HDCLB-15-18	15	18	42	2	4	7	1.25	3.02	2519
HDCLB-15-20	15	20	42	2	4	7	1.25	3.02	2750
HDCLB-15-24	15	24	42	2	4	7	1.25	3.02	2860
HDCLB-20-8	20	8	36	2	4	7	1.25	3.02	913
HDCLB-20-10	20	10	39	2	4	7	1.25	3.02	1243
HDCLB-20-12	20	12	39	2	4	7	1.25	3.02	1393
HDCLB-20-14	20	14	39	2	4	7	1.25	3.02	2119
HDCLB-20-16	20	16	39	2	4	7	1.25	3.02	2416
HDCLB-20-18	20	18	39	2	4	7	1.25	3.02	2673
HDCLB-20-20	20	20	39	2	4	7	1.25	3.02	2783
HDCLB-30-8	30	8	54	2.5	5	9	1.5	3.75	1232
HDCLB-30-10	30	10	54	2.5	5	9	1.5	3.75	1458
HDCLB-30-12	30	12	54	2.5	5	9	1.5	3.75	1771
HDCLB-40-8	40	8	59	2.5	5	9	1.5	4.25	1282
HDCLB-40-10	40	10	59	2.5	5	9	1.5	4.25	1617
HDCLB-40-12	40	12	59	2.5	5	9	1.5	4.25	1870

*1 US Ton = 2,000 lbs.

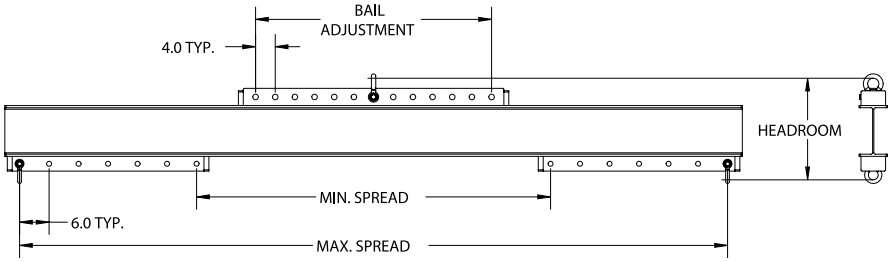
WARNING

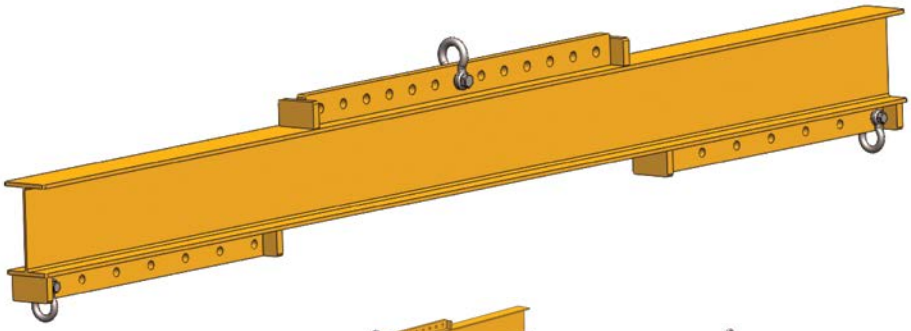
DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

HARRINGTON QUICK SHIP

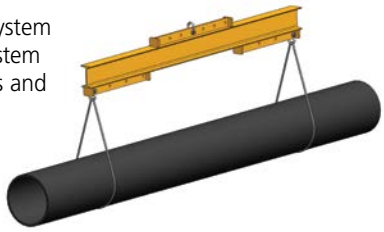
HUNVB
UNIVERSAL LIFTING/SPREADER BEAM

FEATURES
- This style of universal beam can be utilized as a lifting beam where headroom is limited or a spreader beam where extra stability is required.
- As a lifting beam, the upper lift point can be easily adjusted to lift an off center load.
- Can be configured as an optional three or four point lifting system
- Can be supplied with optional chain top rigging.
- Supplied with one upper shackle for adjustable bail positions and two lower shackles for adjustable spreads.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

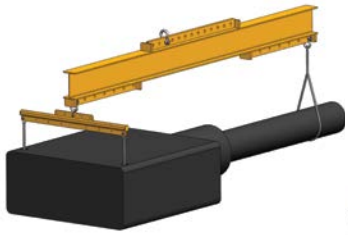




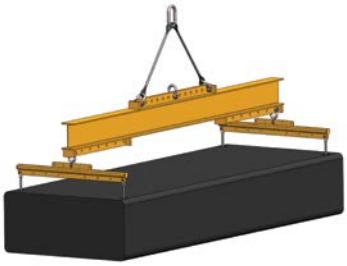
OPTIONS
- Chain top rigging
- Three point lifting system
- Four point lifting system
- Additional lift points and spreads
- Higher capacities
- Additional lengths
- Swivel hooks



Two Point Lifting Beam



Three Point Lifting System



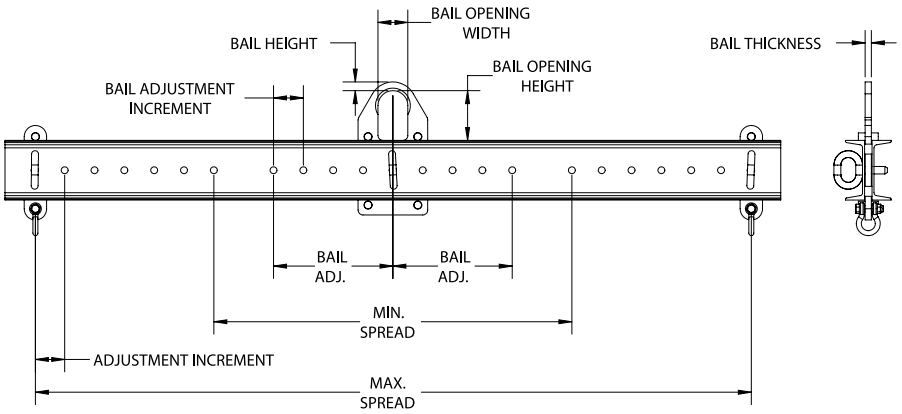
Four Point Lifting System

Model #	Capacity (US Tons)*	Max. Spread (Ft.)	Min. Spread (Ft.)	Dimensions (Inches)				Weight (Lbs.)
				Bail Adjustment	Headroom	Top Shackle (US Tons)*	Bottom Shackle (US Tons)*	
HUNVB-1/4-4	1/4	4	1	16	8	1.5	1.5	45
HUNVB-1/2-4	1/2	4	1	16	8	1.5	1.5	45
HUNVB-1/2-6	1/2	6	3	24	11	1.5	1.5	100
HUNVB-1/2-8	1/2	8	4	32	11	1.5	1.5	135
HUNVB-1/2-10	1/2	10	5	40	11	1.5	1.5	145
HUNVB-1-6	1	6	3	24	11	1.5	1.5	100
HUNVB-1-8	1	8	4	32	12	1.5	1.5	140
HUNVB-1-10	1	10	5	40	12	1.5	1.5	175
HUNVB-2-6	2	6	3	24	14	3.25	2	130
HUNVB-2-8	2	8	4	32	15	3.25	2	200
HUNVB-2-10	2	10	5	40	16	3.25	2	280
HUNVB-4-8	4	8	4	32	18	4.75	4.75	290
HUNVB-4-10	4	10	5	40	20	4.75	4.75	420
HUNVB-4-12	4	12	6	48	20	4.75	4.75	500
HUNVB-5-8	5	8	4	32	20	6.5	4.75	320
HUNVB-5-10	5	10	5	40	21	6.5	4.75	465
HUNVB-5-12	5	12	6	48	21	6.5	4.75	550
HUNVB-7-12	7	12	6	48	25	6.5	6.5	790

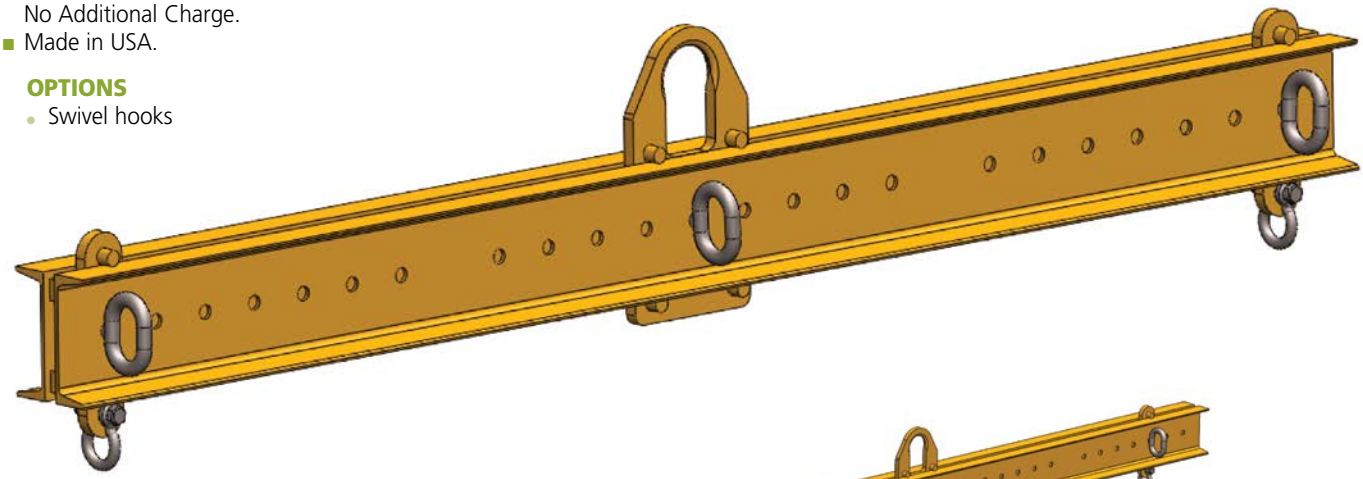
*1 US Ton = 2,000 lbs.

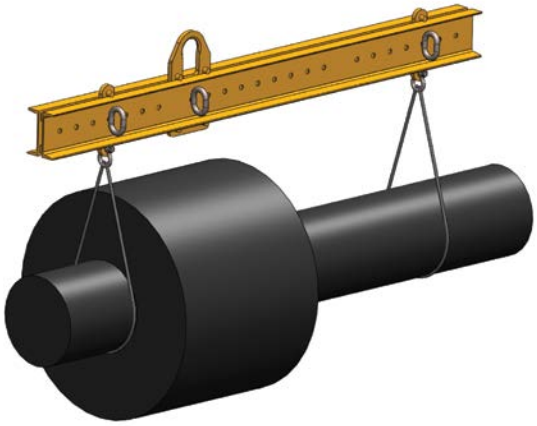
HALB
ADJUSTABLE LIFTING BEAM

FEATURES
- This style of lifting beam can lift off center loads easily by adjusting the bail prior to the lift.
- This lifter can be used where headroom is limited, & comes with multiple spreads that are adjustable to accommodate various load sizes at 6" adjustable increments.
- Supplied with two lower shackles.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.



OPTIONS
- Swivel hooks





Model #	Capacity (US Tons)*	Max. Spread (Ft.)	Min. Spread (Ft.)	Dimensions (Inches)								Weight (Lbs.)
				Head-room	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Bail Adjustment Increments	Bail Travel (Half of Center)	Shackle Size (US Tons)*	
HALB-1.25-6	1.25	6	3	13.5	1	3	5	0.63	3	12	2	120
HALB-2-6	2	6	3	14.5	1	3	5	0.63	3	12	2	140
HALB-4-8	4	8	4.5	20	1.5	4	7	0.75	6	18	3.25	315
HALB-5-10	5	10	5	22	1.5	4	7	1.00	6	18	4.75	440

*1 US Ton = 2,000 lbs.

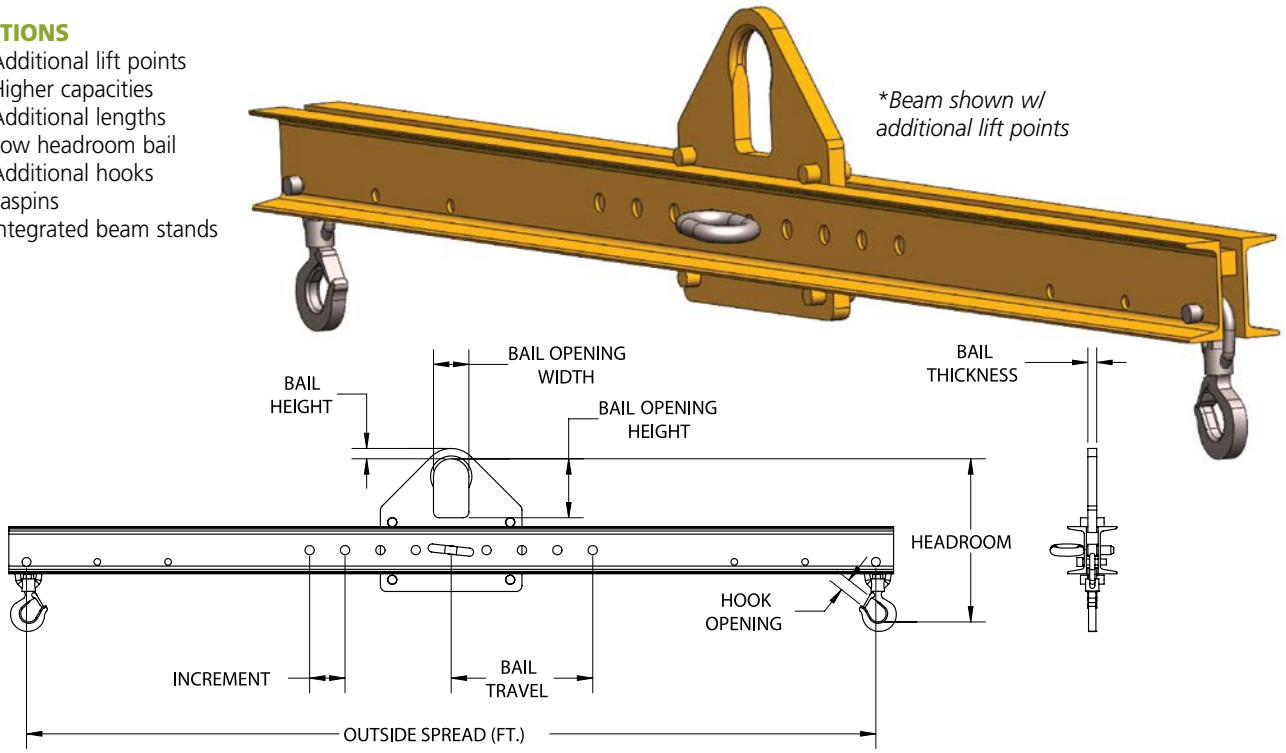
WARNING

DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

HABLB
ADJUSTABLE BAIL LIFTING BEAM

FEATURES
- This style of lifting beam can lift off center loads easily by adjusting the bail prior to the lift.
- This lifter can be used where headroom is limited, & comes standard with one outside spread and two swivel hooks (additional spreads & swivel hooks are available).
- Engineered & manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity & certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks
- Faspins
- Integrated beam stands



Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)								Weight (Lbs.)
			Head-room	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	Bail Adjustment Increments	Bail Travel (Half of Center)	
HABLB-1/2-3	1/2	3	14	1.5	3	5	0.63	1	3	6	52
HABLB-1/2-4	1/2	4	14	1.5	3	5	0.63	1	3	9	62
HABLB-1/2-6	1/2	6	14	1.5	3	5	0.63	1	3	12	83
HABLB-1/2-8	1/2	8	14	1.5	3	5	0.63	1	4	16	90
HABLB-1/2-10	1/2	10	14	1.5	3	5	0.63	1	4	20	105
HABLB-1/2-12	1/2	12	14	1.5	3	5	0.63	1	4	24	162
HABLB-1/2-14	1/2	14	14	1.5	3	5	0.63	1	6	30	185
HABLB-1/2-16	1/2	16	15	1.5	3	5	0.63	1	6	36	281
HABLB-1/2-18	1/2	18	15	1.5	3	5	0.63	1	6	42	306
HABLB-1/2-20	1/2	20	15	1.5	3	5	0.63	1	6	48	334
HABLB-1-3	1	3	14	1.5	3	5	0.63	1	3	6	52
HABLB-1-4	1	4	14	1.5	3	5	0.63	1	3	9	62
HABLB-1-6	1	6	14	1.5	3	5	0.63	1	3	12	91
HABLB-1-8	1	8	15	1.5	3	5	0.63	1	4	16	139
HABLB-1-10	1	10	15	1.5	3	5	0.63	1	4	20	187
HABLB-1-12	1	12	15	1.5	3	5	0.63	1	4	24	218
HABLB-1-14	1	14	16	1.5	3	5	0.63	1	6	30	295

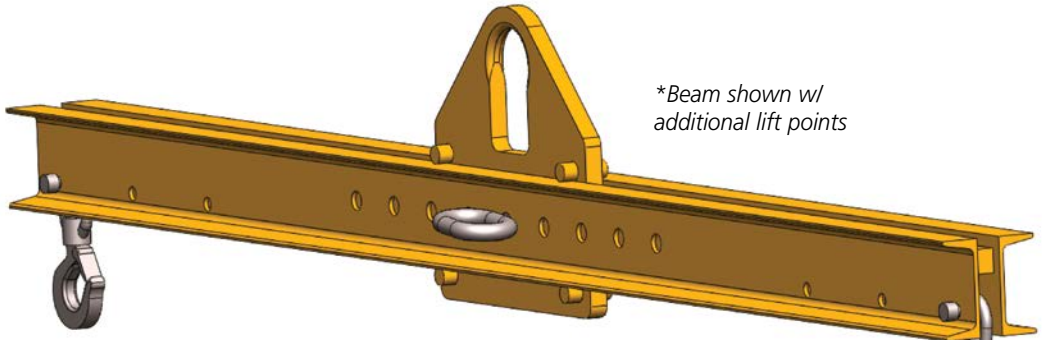
*1 US Ton = 2,000 lbs.

cont.

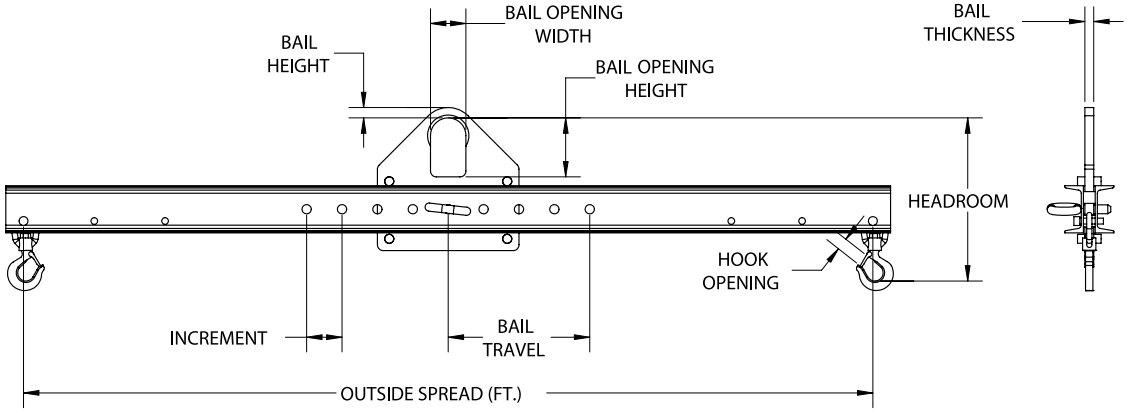
HABLB
ADJUSTABLE BAIL LIFTING BEAM cont.

FEATURES
- This style of lifting beam can lift off center loads easily by adjusting the bail prior to the lift.
- This lifter can be used where headroom is limited, & comes standard with one outside spread and two swivel hooks (additional spreads & swivel hooks are available).
- Engineered & manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity & certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks
- Faspins
- Integrated beam stands



**Beam shown w/ additional lift points*



Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)								Weight (Lbs.)
			Head-room	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	Bail Adjustment Increments	Bail Travel (Half of Center)	
HABLB-1-16	1	16	16	1.5	3	5	0.63	1	6	36	328
HABLB-1-18	1	18	17	1.5	3	5	0.63	1	6	42	450
HABLB-1-20	1	20	17	1.5	3	5	0.63	1	6	48	494
HABLB-2-3	2	3	14	1.5	3	5	0.75	1	3	6	53
HABLB-2-4	2	4	15	1.5	3	5	0.75	1	3	9	98
HABLB-2-6	2	6	15	1.5	3	5	0.75	1	3	12	129
HABLB-2-8	2	8	16	1.5	3	5	0.75	1	4	16	187
HABLB-2-10	2	10	19	1.5	3	5	0.75	1	4	20	264
HABLB-2-12	2	12	17	1.5	3	5	0.75	1	4	24	306
HABLB-2-14	2	14	18	1.5	3	5	0.75	1	6	30	406
HABLB-2-16	2	16	18	1.5	3	5	0.75	1	6	36	458
HABLB-2-18	2	18	20	1.5	3	5	0.75	1	6	42	602
HABLB-2-20	2	20	20	1.5	3	5	0.75	1	6	48	666
HABLB-5-3	5	3	22	2	4	7	1	1.36	3	6	154
HABLB-5-4	5	4	22	2	4	7	1	1.36	3	9	176
HABLB-5-6	5	6	22	2	4	7	1	1.36	3	12	237
HABLB-5-8	5	8	23	2	4	7	1	1.36	4	16	334

*1 US Ton = 2,000 lbs.

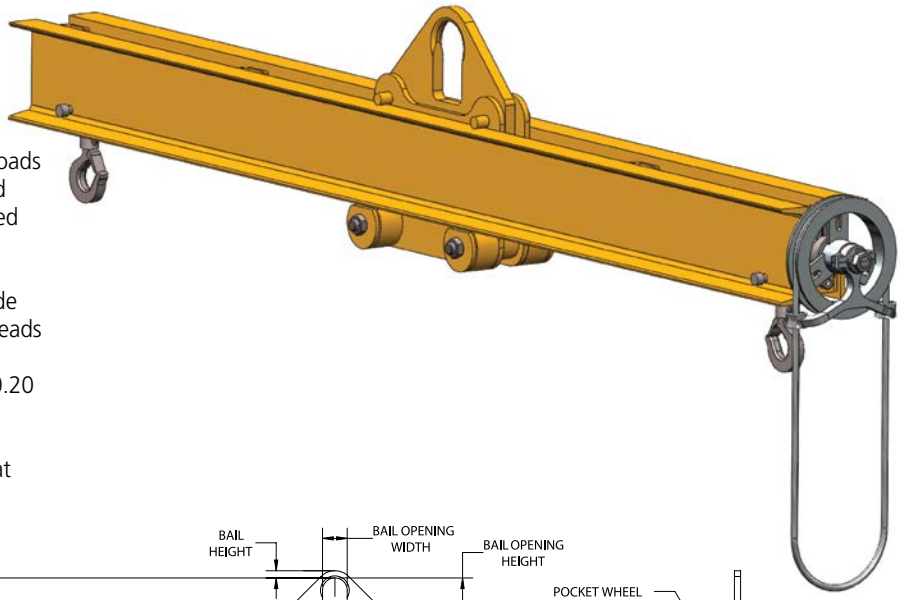
cont.

ADJUSTABLE BAIL LIFTING BEAM cont.

Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)								Weight (Lbs.)
			Head-room	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	Bail Adjustment Increments	Bail Travel (Half of Center)	
HABLB-5-10	5	10	24	2	4	7	1	1.36	4	20	473
HABLB-5-12	5	12	27	2	4	7	1	1.36	4	24	696
HABLB-5-14	5	14	27	2	4	7	1	1.36	6	30	730
HABLB-5-16	5	16	28	2	4	7	1	1.36	6	36	821
HABLB-5-18	5	18	29	2	4	7	1	1.36	6	42	1453
HABLB-5-20	5	20	30	2	4	7	1	1.36	6	48	1678
HABLB-10-3	10	3	26	2	4	7	1.25	2.08	3	6	231
HABLB-10-4	10	4	26	2	4	7	1.25	2.08	3	9	232
HABLB-10-6	10	6	29	2	4	7	1.25	2.08	3	12	475
HABLB-10-8	10	8	29	2	4	7	1.25	2.08	4	16	574
HABLB-10-10	10	10	32	2	4	7	1.25	2.08	4	20	835
HABLB-10-12	10	12	32	2	4	7	1.25	2.08	4	24	1092
HABLB-10-14	10	14	32	2	4	7	1.25	2.08	6	30	1241
HABLB-10-16	10	16	32	2	4	7	1.25	2.08	6	36	1383
HABLB-10-18	10	18	35	2	4	7	1.25	2.08	6	42	1679
HABLB-10-20	10	20	35	2	4	7	1.25	2.08	6	48	1744
HABLB-15-3	15	3	28	2.5	5	9	1.5	2.27	3	6	277
HABLB-15-4	15	4	31	2.5	5	9	1.5	2.27	3	9	363
HABLB-15-6	15	6	34	2.5	5	9	1.5	2.27	3	12	552
HABLB-15-8	15	8	34	2.5	5	9	1.5	2.27	4	16	596
HABLB-15-10	15	10	34	2.5	5	9	1.5	2.27	4	20	970
HABLB-15-12	15	12	37	2.5	5	9	1.5	2.27	4	24	1486
HABLB-15-14	15	14	37	2.5	5	9	1.5	2.27	6	30	1540
HABLB-15-16	15	16	37	2.5	5	9	1.5	2.27	6	36	1623
HABLB-15-18	15	18	37	2.5	5	9	1.5	2.27	6	42	1912
HABLB-15-20	15	20	37	2.5	5	9	1.5	2.27	6	48	2099
HABLB-20-3	20	3	31	2.5	5	9	1.5	2.27	3	6	347
HABLB-20-4	20	4	34	2.5	5	9	1.5	2.27	3	9	439
HABLB-20-6	20	6	37	2.5	5	9	1.5	2.27	3	12	809
HABLB-20-8	20	8	37	2.5	5	9	1.5	2.27	4	16	792
HABLB-20-10	20	10	37	2.5	5	9	1.5	2.27	4	20	1404
HABLB-20-12	20	12	37	2.5	5	9	1.5	2.27	4	24	1601
HABLB-20-14	20	14	37	2.5	5	9	1.5	2.27	6	30	1793
HABLB-20-16	20	16	37	2.5	5	9	1.5	2.27	6	36	1980
HABLB-20-18	20	18	37	2.5	5	9	1.5	2.27	6	42	2063
HABLB-20-20	20	20	37	2.5	5	9	1.5	2.27	6	48	2129

*1 US Ton = 2,000 lbs.

HLLB
LOAD LEVELING BEAM

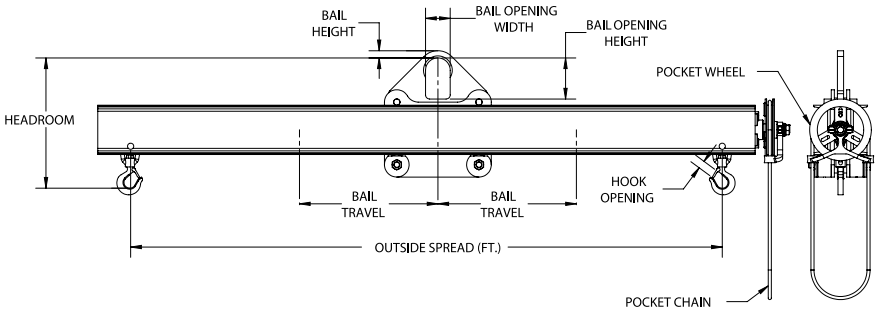


FEATURES

- This style of lifting beam can lift off center loads easily by adjusting the bail with the standard chain wheel prior to the lift and has unlimited adjustment within the span of the bail.
- This lifter can be used where headroom is limited, and comes standard with one outside spread and two swivel hooks (additional spreads and swivel hooks are available).
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS

- Motorized bail
- Additional lift points
- Higher capacities
- Additional lengths
- Low headroom bail
- Additional hooks
- Faspins
- Beam stand



Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)							Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	Bail Travel (Half of Center)	
HLLB-2-4	2	4	16	1.5	3	5	0.63	1	8	169
HLLB-2-6	2	6	16	1.5	3	5	0.63	1	12	231
HLLB-2-8	2	8	17	1.5	3	5	0.63	1	16	325
HLLB-2-10	2	10	18	1.5	3	5	0.63	1	20	411
HLLB-2-12	2	12	18	1.5	3	5	0.63	1	24	471
HLLB-2-14	2	14	19	1.5	3	5	0.63	1	28	601
HLLB-2-16	2	16	19	1.5	3	5	0.63	1	32	673
HLLB-2-18	2	18	20	1.5	3	5	0.63	1	36	850
HLLB-2-20	2	20	20	1.5	3	5	0.63	1	40	938
HLLB-2-24	2	24	21	1.5	3	5	0.63	1	48	1581
HLLB-5-4	5	4	23	2	4	7	1	1.36	8	213
HLLB-5-6	5	6	23	2	4	7	1	1.36	12	338
HLLB-5-8	5	8	25	2	4	7	1	1.36	16	478
HLLB-5-10	5	10	25	2	4	7	1	1.36	20	594
HLLB-5-12	5	12	27	2	4	7	1	1.36	24	851
HLLB-5-14	5	14	27	2	4	7	1	1.36	28	971
HLLB-5-16	5	16	27	2	4	7	1	1.36	32	1188
HLLB-5-18	5	18	30	2	4	7	1	1.36	36	1819
HLLB-5-20	5	20	30	2	4	7	1	1.36	40	2004
HLLB-5-24	5	24	30	2	4	7	1	1.36	48	2931
HLLB-10-4	10	4	27	2	4	7	1.25	2.08	8	321
HLLB-10-6	10	6	30	2	4	7	1.25	2.08	12	550
HLLB-10-8	10	8	30	2	4	7	1.25	2.08	16	625
HLLB-10-10	10	10	33	2	4	7	1.25	2.08	20	1175
HLLB-10-12	10	12	33	2	4	7	1.25	2.08	24	1368

*1 US Ton = 2,000 lbs.

cont.

LOAD LEVELING BEAM cont.

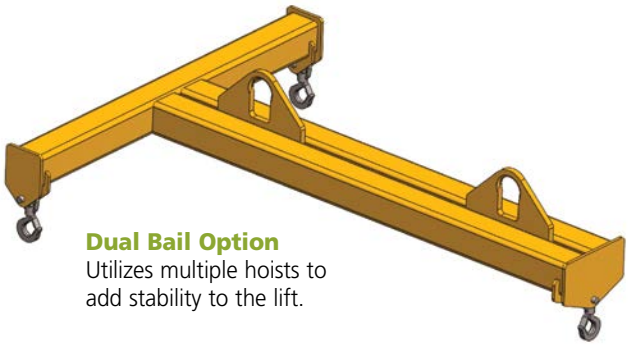
Model #	Capacity (US Tons)*	Outside Spread (Ft.)	Dimensions (Inches)							Weight (Lbs.)
			Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	Bail Travel (Half of Center)	
HLLB-10-14	10	14	33	2	4	7	1.25	2.08	28	1554
HLLB-10-16	10	16	33	2	4	7	1.25	2.08	32	1735
HLLB-10-18	10	18	36	2	4	7	1.25	2.08	36	2344
HLLB-10-20	10	20	36	2	4	7	1.25	2.08	40	2406
HLLB-10-24	10	24	36	2	4	7	1.25	2.08	48	3063
HLLB-15-4	15	4	32	2.5	5	9	1.5	2.27	8	470
HLLB-15-6	15	6	35	2.5	5	9	1.5	2.27	12	706
HLLB-15-8	15	8	35	2.5	5	9	1.5	2.27	16	778
HLLB-15-10	15	10	35	2.5	5	9	1.5	2.27	20	1215
HLLB-15-12	15	12	38	2.5	5	9	1.5	2.27	24	1649
HLLB-15-14	15	14	38	2.5	5	9	1.5	2.27	28	1773
HLLB-15-16	15	16	38	2.5	5	9	1.5	2.27	32	1891
HLLB-15-18	15	18	38	2.5	5	9	1.5	2.27	36	2375
HLLB-15-20	15	20	38	2.5	5	9	1.5	2.27	40	2570
HLLB-15-24	15	24	38	2.5	5	9	1.5	2.27	48	3200
HLLB-20-4	20	4	35	2.5	5	9	1.5	2.27	8	556
HLLB-20-6	20	6	38	2.5	5	9	1.5	2.27	12	998
HLLB-20-8	20	8	38	2.5	5	9	1.5	2.27	16	1125
HLLB-20-10	20	10	38	2.5	5	9	1.5	2.27	20	1313
HLLB-20-12	20	12	38	2.5	5	9	1.5	2.27	24	2813
HLLB-20-14	20	14	38	2.5	5	9	1.5	2.27	28	2938
HLLB-20-16	20	16	38	2.5	5	9	1.5	2.27	32	3063
HLLB-20-18	20	18	38	2.5	5	9	1.5	2.27	36	3688
HLLB-20-20	20	20	38	2.5	5	9	1.5	2.27	40	3938
HLLB-20-24	20	24	38	2.5	5	9	1.5	2.27	48	4188

*1 US Ton = 2,000 lbs.

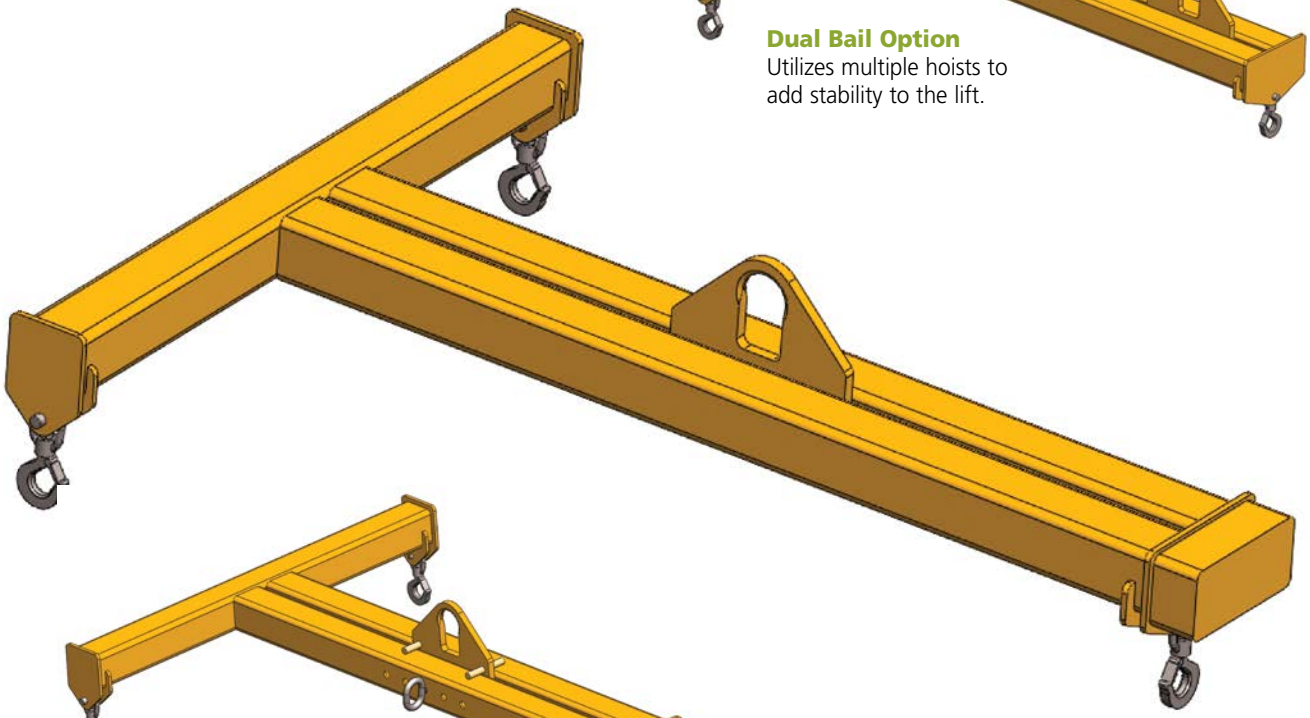
HTPLB
THREE POINT LIFTING BEAM

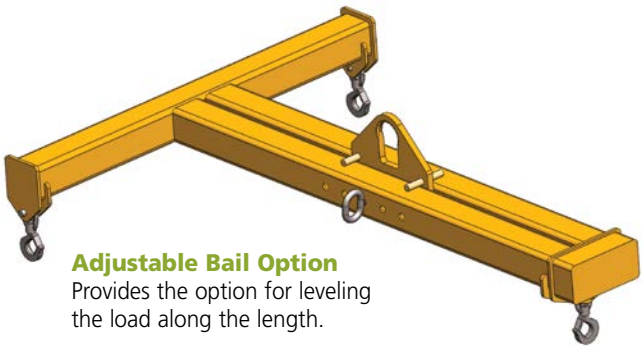
FEATURES
- This style of lifting beam can be utilized where headroom is limited and when lifting objects that require multiple lift points.
- Designed to meet your specific lifting requirements.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Multiple lift points
- Dual bails
- Low headroom bail
- Adjustable spread
- Adjustable bail
- Swivel hooks
- Shackle lugs
- Faspins
- Beam stand

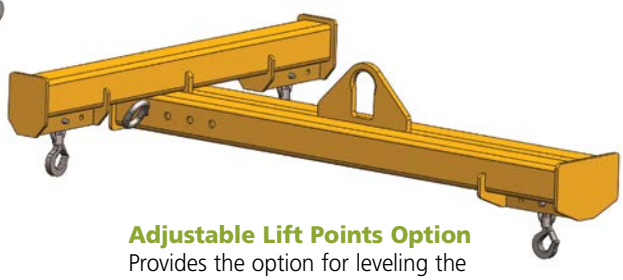


Dual Bail Option
Utilizes multiple hoists to add stability to the lift.





Adjustable Bail Option
Provides the option for leveling the load along the length.



Adjustable Lift Points Option
Provides the option for leveling the load along the length and width.

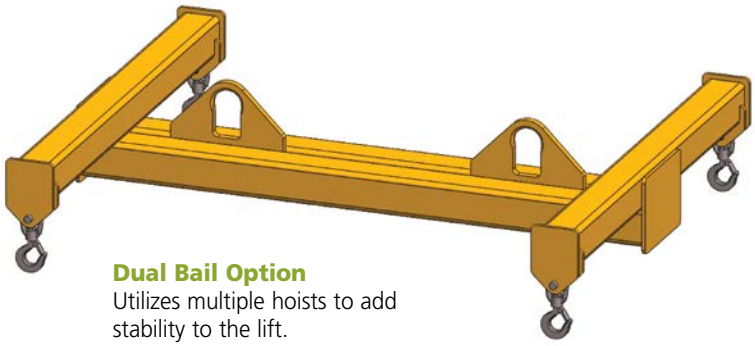
WARNING

DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

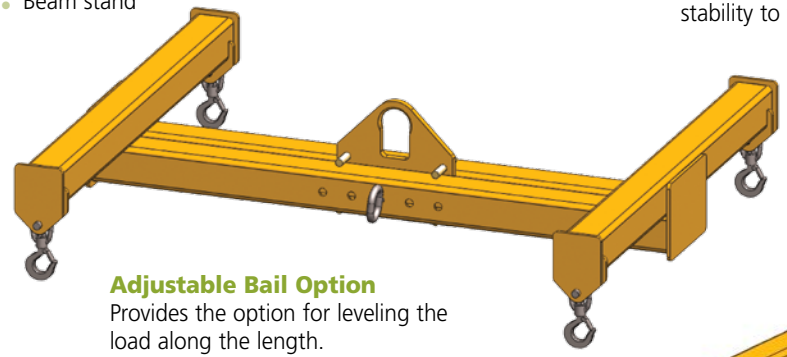
HFPLB
FOUR POINT LIFTING BEAM

FEATURES
- This style of lifting beam can be utilized where headroom is limited and when lifting objects that require multiple lift points.
- Designed to meet your specific lifting requirements.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Multiple lift points
- Dual bails
- Low headroom bail
- Adjustable spread
- Adjustable bail
- Swivel hooks
- Drop chains
- Shackle lugs
- Faspins
- Beam stand

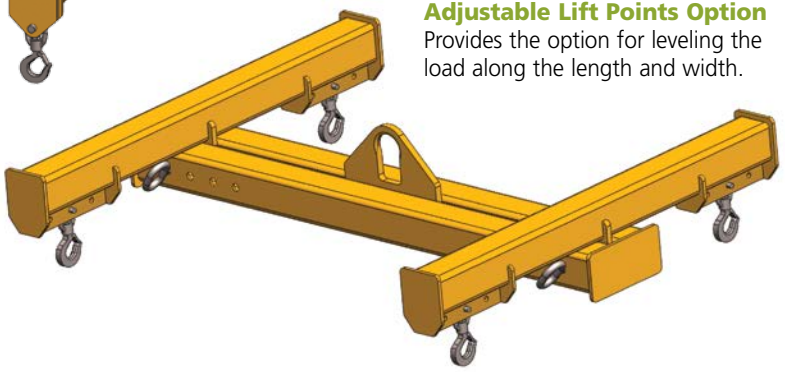


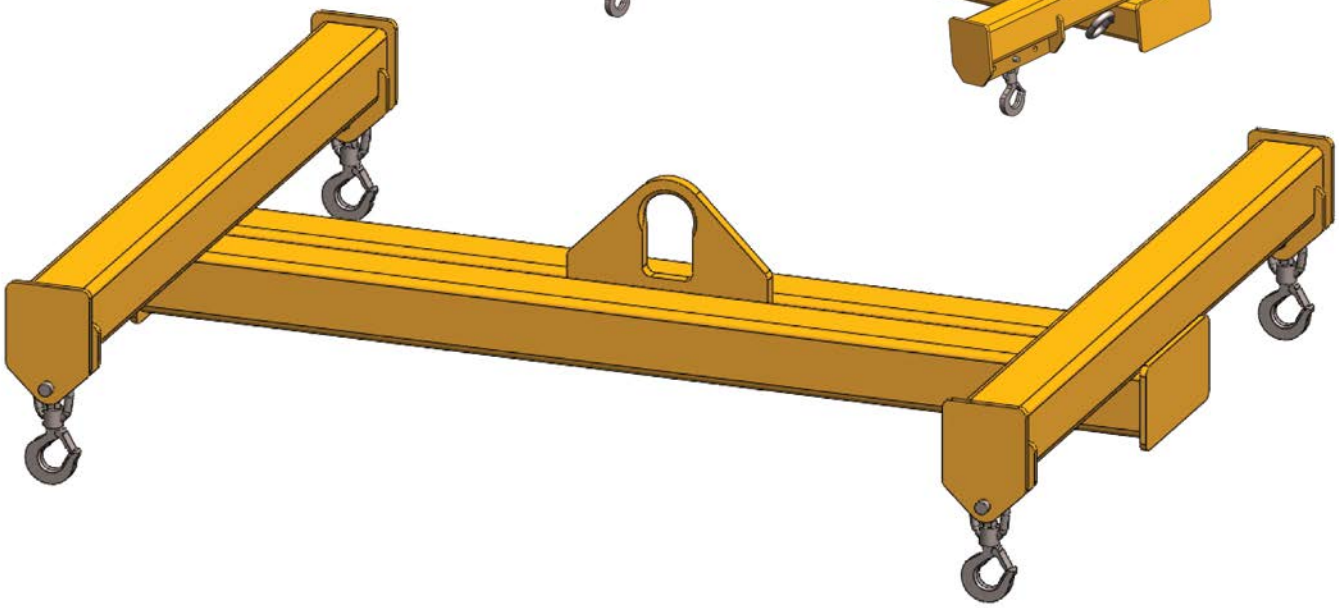
Dual Bail Option
Utilizes multiple hoists to add stability to the lift.



Adjustable Bail Option
Provides the option for leveling the load along the length.

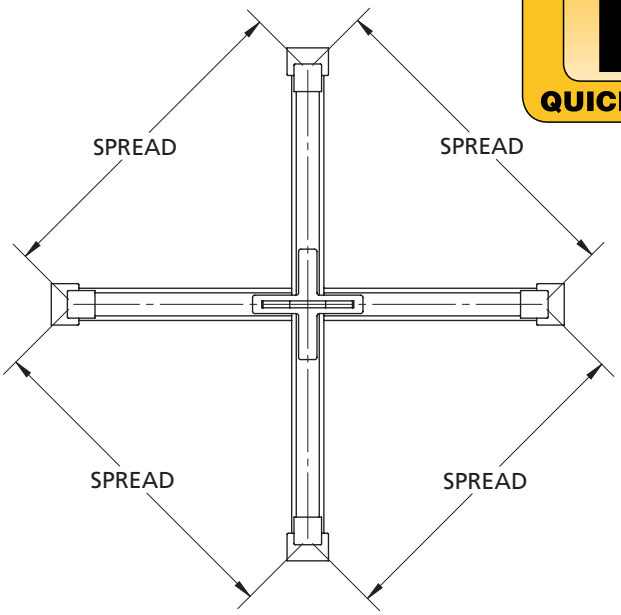
Adjustable Lift Points Option
Provides the option for leveling the load along the length and width.





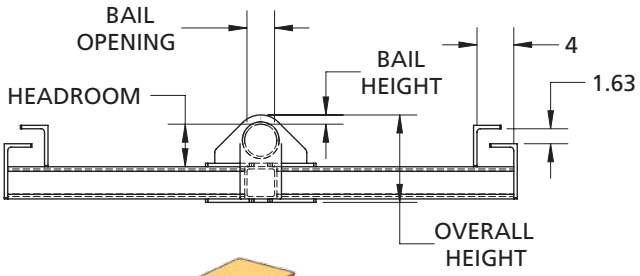
HARRINGTON H QUICK SHIP

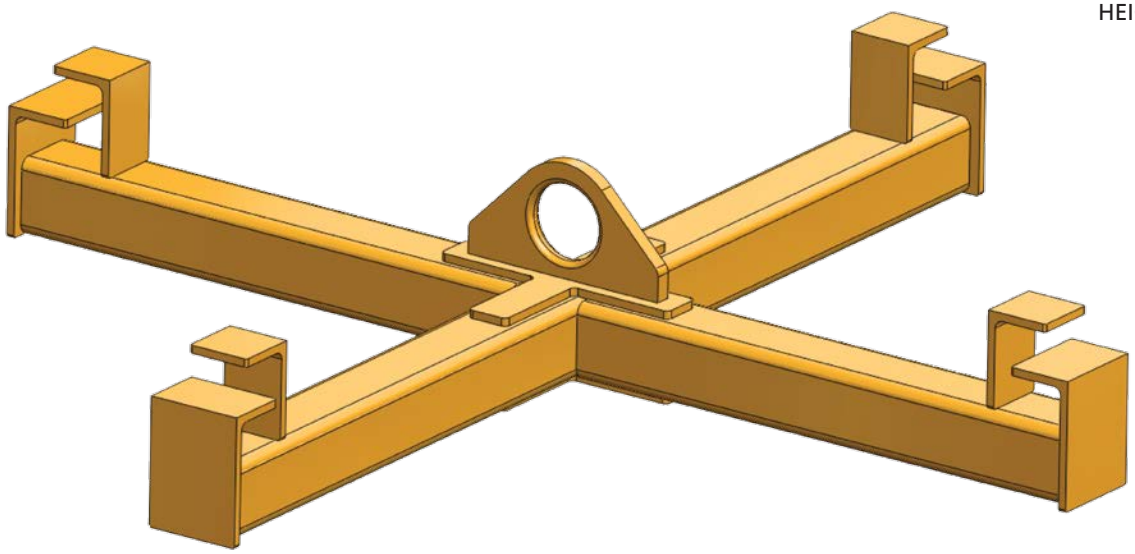
HFPSL
FOUR POINT SACK LIFTER BEAM



FEATURES
- This style of lifting beam is designed to lift bulk container sacks.
- Standard Sling Keeper design provides improved sling containment during the lift.
- Low headroom design that meets metric rating requirements.
- Smooth edge design to minimize wear on lifting straps.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Sling spacers
- Additional sizes are available





Model #	Capacity (Metric Tons)	Dimensions (Inches)					
		Outside Spread	Headroom	Bail Height	Bail Opening	Overall Height	Weight (Lbs.)
HFPSL-1-36SK	1	36	4.63	1	3.5	9	120
HFPSL-1-48SK	1	48	4.63	1	3.5	9	145
HFPSL-2-36SK	2	36	4.63	1	3.5	9.5	140
HFPSL-2-48SK	2	48	4.63	1	3.5	9.5	170

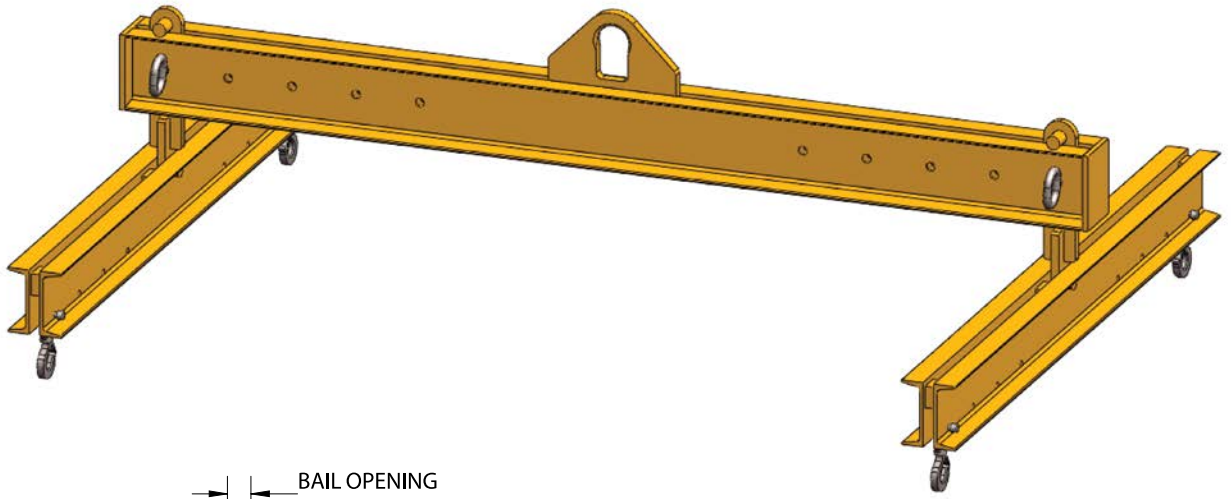
WARNING

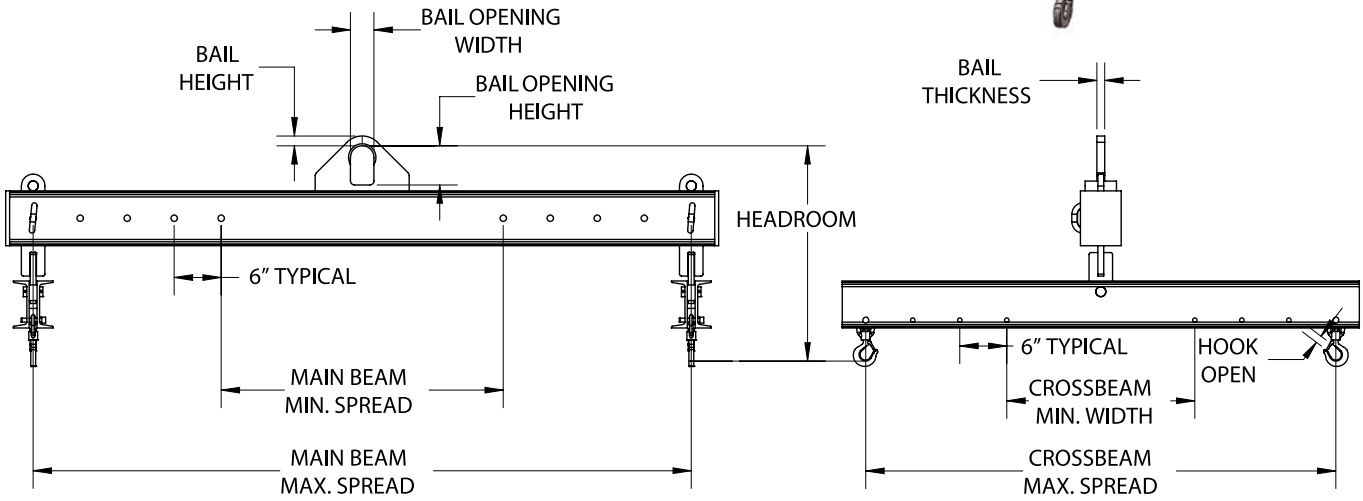
DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

HFPAB
FOUR POINT ADJUSTABLE BEAM

FEATURES
- This standard four point adjustable spread style of lifting beam can be utilized where headroom is limited and when lifting objects that require multiple lift points.
- Supplied with four swivel hooks.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Beam stand
- Additional sizes and options are available





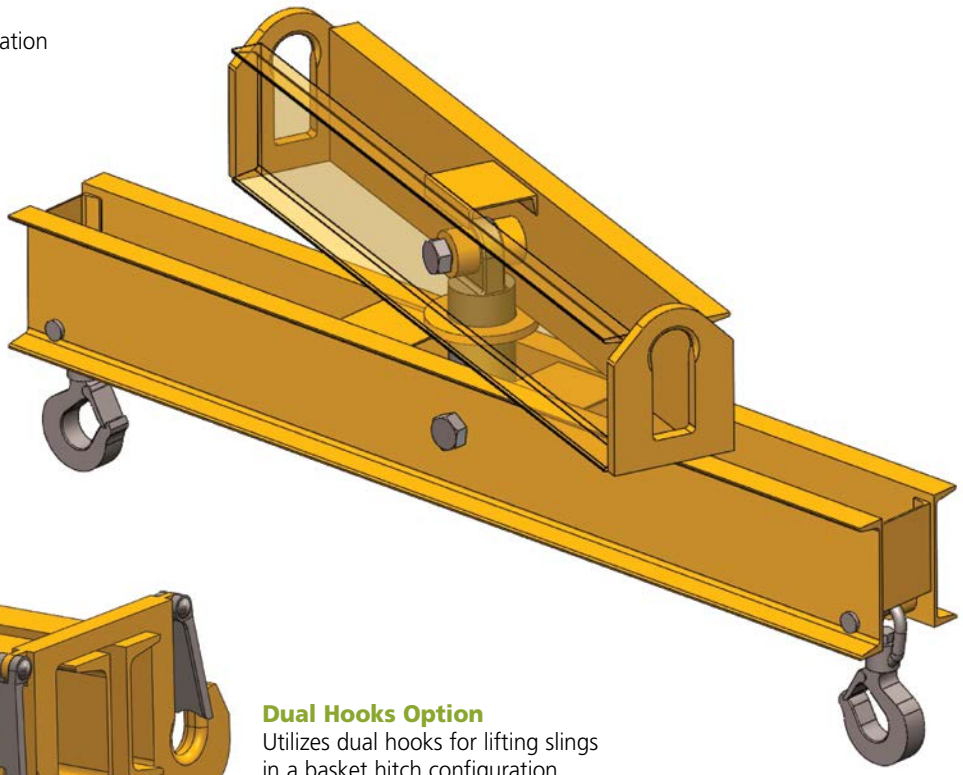
Model #	Capacity (US Tons)*	Main Beam Min/Max Spread	Cross Beam Min/Max Spread	Dimensions (Inches)						Weight (Lbs.)
				Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	Hook Opening	
HFPAB-3-84/60	3	36/84	24/60	28	1.25	3	5	1	0.91	473
HFPAB-5-120/96	5	48/120	36/96	33	2	4	7	1.25	1	958
HFPAB-10-144/96	10	72/144	36/96	42	2	4	7	1.25	1.36	1928

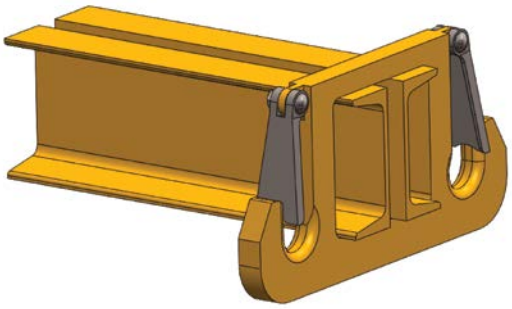
*1 US Ton = 2,000 lbs.

HDCRB
DUAL CRANE ROTATING BEAM

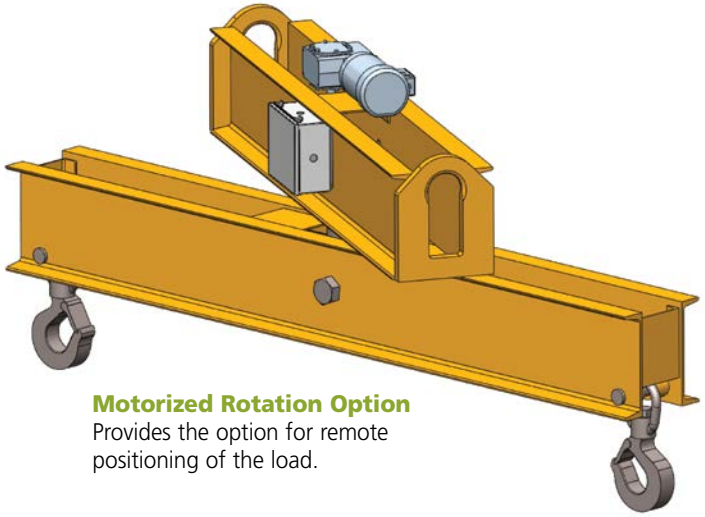
FEATURES
- This style of lifting beam is designed to be utilized with dual hoists and can rotate the load parallel.
- Designed to meet your specific lifting requirements.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Manual or motorized beam rotation
- Dual hooks
- J-Hooks
- Low headroom bail
- Swivel hooks
- Shackle lugs
- Faspins
- Beam stand

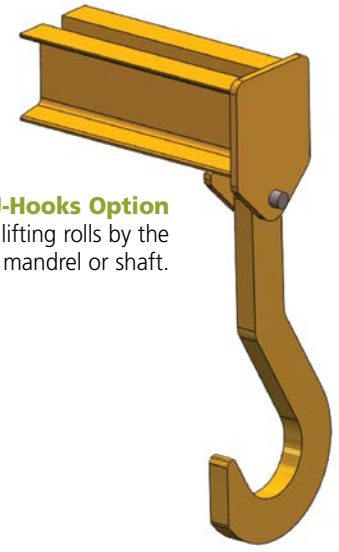




Dual Hooks Option
Utilizes dual hooks for lifting slings in a basket hitch configuration.



Motorized Rotation Option
Provides the option for remote positioning of the load.



J-Hooks Option
Utilized when lifting rolls by the mandrel or shaft.

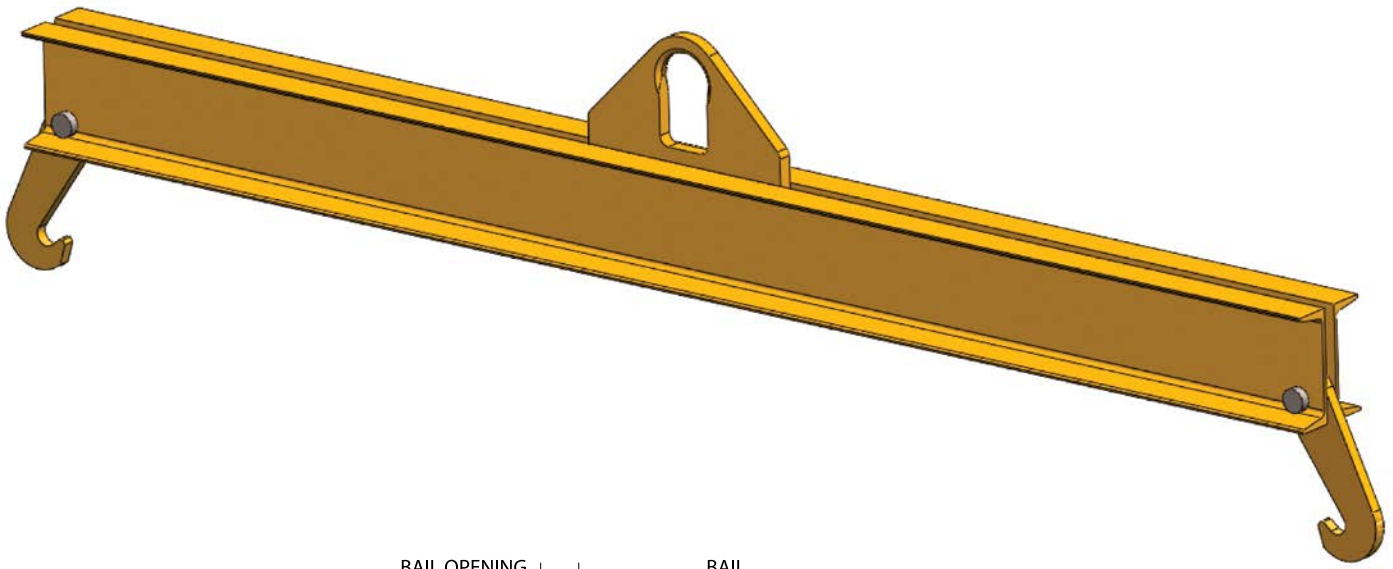
WARNING
DO NOT EXCEED CAPACITY!
See the SAFETY GUIDELINES section before using these products. Pages 92–95.

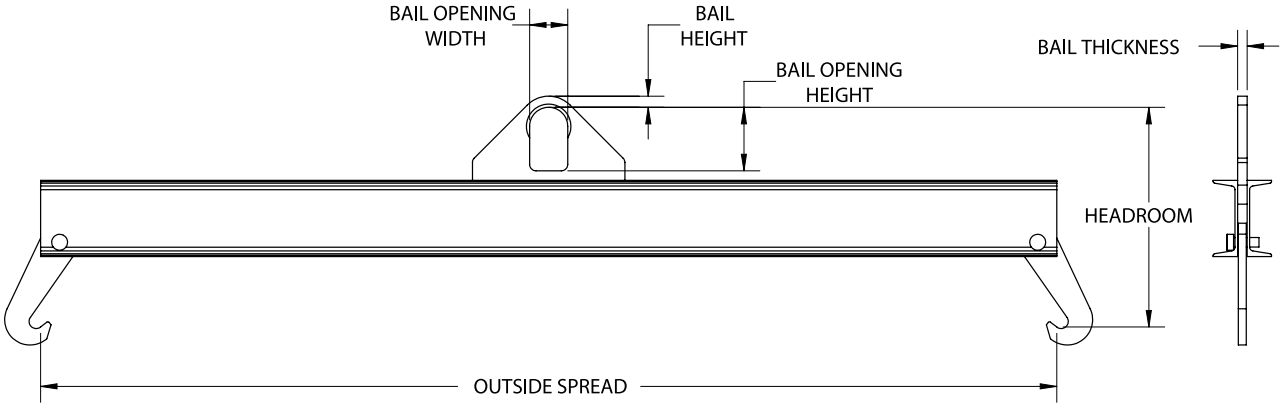
HCGCLB
CHLORINE GAS CYLINDER LIFTING BEAM

HARRINGTON QUICK SHIP

FEATURES
- This style of lifting beam is designed to lift chlorine gas cylinders.
- Low headroom design.
- Smooth edge design to minimize wear on lifting straps.
- Engineered and manufactured to ASME B30.20 & BTH-1 Design Category B Service Class 2.
- 100% of ALL lifting beams are Proof-Tested to 125% capacity and certificates supplied at No Additional Charge.
- Made in USA.

OPTIONS
- Additional sizes are available





Model #	Capacity (US Tons)*	Dimensions (Inches)						Weight (Lbs.)
		Outside Spread	Headroom	Bail Height	Bail Opening Width	Bail Opening Height	Bail Thickness	
HCGCLB-2-80/82	2	80.75 - 82.25	18.5 - 17.5	0.88	3	5	0.75	125

*1 US Ton = 2,000 lbs.

LIFTING BEAMS
Custom Application Form

HARRINGTON HOISTS AND CRANES

For pricing information: Fax completed form & contact info to 717-665-2861
or email Customer Service at customerservice@harringtonhoists.com

LOAD INFORMATION:

Describe the material you are planning to lift: _____

Lifting Beam Stand Required: ☐ Yes ☐ No

Total Number of Lifting Points:_____ Spacing Between Points_____

Is The CG (center of gravity) Of The Load Between Outer Lifting Points:
☐ Yes ☐ No If No, Describe CG Location_____

Type Of Rigging Used To Attach To Load: Swivel Hooks Shackles
Slings (specific type)_____ Other (specific type)_____

Load Dimensions:

	Min (in)	Max (in)
Height		
Width		
Length		
Weight		

CRANE SPECIFICATIONS:

Crane Configuration: ☐ Single ☐ Double

Distance Between Top Of The Load To The Crane Hook High Position(s): _____

Capacity Of The Crane(s): _____ Distance Between Cranes (if applicable):_____
Required Duty Cycle Of The Lifting Beam: Lifts Per Hour_____ Lifts Per Day_____

Crane Classification(s): ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F

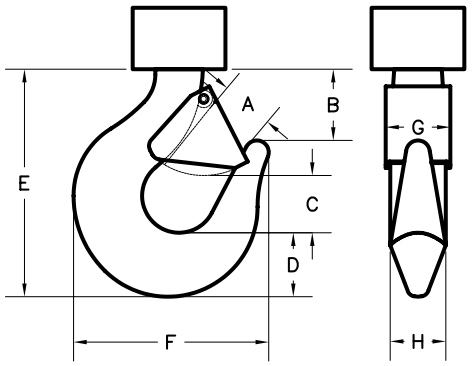
DUAL CRANE ROTATING BEAM APPLICATION:

Operation: ☐ Manual ☐ Motorized: ☐ AC ☐ DC Voltage_____ Phase_____ Cycle_____

Controls Required: ☐ Yes ☐ No If Yes: Specify Type_____ ☐ Furnish Loose ☐ Mounted On Lifter

CRANE HOOK SPECIFICATIONS (Inches) :

A:___ B:___ C:___ D:___ E:___ F:___ G:___ H:___



Please provide pertinent application information not supplied above *(extreme product or operating temperature, extreme environmental conditions such as temperature or moisture, space or headroom restrictions, additional specifications)*:

_____

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_____

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Application forms available online at ***www.harringtonhoists.com***

INDUSTRY STANDARDS

The American Society of Mechanical Engineers (ASME) developed standards that apply specifically to the devices Harrington Hoists, Inc. designs and manufacturers. These standards serve as a guide to government authorities, manufacturers, purchasers and operators of below-the-hook lifting devices.

ASME B30.20-2013

- Provides detailed information on the classifications, marking, construction, installation, inspection, testing, maintenance and operation of below-the-hook lifting devices.

ASME BTH-1-2014

- Provides detailed information on the design criteria of below-the-hook lifting devices.

MARKINGS, IDENTIFICATION & GENERAL CONSTRUCTION

The rated load of the lifting device is visibly marked on the main structure of the device, as well as on a tag attached to the lifter. If the below-the-hook lifting device consists of individually detachable lifters, then each of the individual lifters shall be marked and tagged with their individual rated loads.

All Harrington below-the-hook lifting devices are tagged with the following information:

- Manufacturer's name and address
- Serial number
- Lifter weight, if over 100 lbs. (45 kg)
- Cold current (amps) (when applicable)
- Rated voltage (when applicable)
- Rated load
- Manufacture date
- ASME BTH-1 Design category
- ASME BTH-1 Service class

All Harrington structural and mechanical lifting devices are designed and manufactured by qualified personnel. Harrington designs are in accordance with ASME BTH-1 and take into consideration the stresses that result from the application of the rated load along with the weight of the actual lifter and are designed to ASME BTH-1 Design Category B. Service Class is determined by taking into consideration the fatigue life criteria based on the expected number of load cycles.

DESIGN CATEGORY

Design category B shall be utilized when the size, scale, and variation of loads applied to the lifter are not always predictable or clearly defined, and where the environmental and loading conditions vary or could be severe.

SERVICE CLASS

- Service Class is determined by the specified fatigue life of the lifter.
  - Service Class 0 is 0 to 20,000 load cycles.
  - Service Class 1 is 20,001 to 100,000 load cycles.
  - Service Class 2 is 100,001 to 500,000 load cycles.
  - Service Class 3 is 500,001 to 2,000,000 load cycles.
  - Service Class 4 is over 2,000,000 load cycles

SERVICE CLASS LIFE

Cycles Per Day	Desired Life (Years)				
	1	5	10	20	30
5	0	0	0	1	1
10	0	0	1	1	2
25	0	1	1	2	2
50	0	1	2	2	3
100	1	2	2	3	3
200	1	2	3	3	4
300	2	3	3	4	4
750	2	3	4	4	4
1,000	2	3	4	4	4

All welding shall be in accordance with ANSI/AWS D14.1 and ASME BTH-1

Exposed moving parts such as gears, projecting shafts and chain drives that constitute a hazard under normal operating conditions are guarded.

Electrical equipment and wiring shall comply with ANSI/NFPA 70 and ASME BTH-1.

FOR INFORMATION ON MODIFICATIONS OR REPAIRS TO YOUR LIFTING DEVICE, CONTACT HARRINGTON HOISTS, INC. TO ENSURE COMPLIANCE WITH THE CURRENT ASME STANDARDS.

PROOF TEST

100% OF ALL HARRINGTON BELOW-THE-HOOK LIFTING DEVICES ARE PROOF-TESTED TO 125% CAPACITY AND CERTIFICATES SUPPLIED AT NO ADDITIONAL CHARGE.

Requirements & Recommendations:

Requirements of the ASME standard are noted by the word **shall**.
Recommendations of the ASME standard are noted by the word **should**.

OPERATION PRACTICES FOR LIFTING DEVICES

Below-the-hook lifting devices shall only be operated by the following qualified personnel:

- Personnel designated to operate the lifter.
- Trainees who are under the direct supervision of designated personnel.
- Personnel designated to maintenance and/or conduct testing on the lifter.
- Personnel designated to inspect the lifter.

The below-the-hook lifting device shall not be overloaded beyond its manufactured rated capacity nor shall it be utilized to handle any load that it was not designed to handle.

When rigging is utilized in conjunction with the lifter, the operator shall ensure that it is not kinked and the multiple part lines are not twisted around each other.

The operator shall ensure that the load is correctly distributed for the lifter prior to the lift.

The operator shall ensure that the temperature of the load does not exceed the maximum allowable limits of the lifting device.

The operator shall ensure that the lifter is moved into place over the load in such a way as to minimize swinging.

The operator shall ensure that sudden acceleration or deceleration of the load is prevented.

The operator shall ensure that the lifter and the load do not come into contact with any obstruction.

The operator shall ensure that the load is not transported over people.

The operator shall ensure that the lifter is not utilized for side pulls or sliding the load unless explicitly authorized by a qualified person.

The operator shall ensure that suspended loads are not left unattended.

The operator shall ensure that no person rides the load or the lifter.

The operation of the lifter shall be observed prior to and during a shift. Any observed deficiency in the lifter shall be examined by designated personnel. Any deficiency that constitutes a hazard shall be removed from service and tagged "Out of Service". All hazardous deficiencies shall be reported to qualified personnel for evaluation.

All loads shall be guided in a manner to avoid endangering any part of the body as it is lowered or accidently dropped.

Miscellaneous Operating Practices

An operator shall not utilize a below-the-hook lifter that has an "out of service" tag or has been designated as non-functioning.

Only designated personnel shall be given the authority to remove "Out of service" tags on lifting devices.

When not in use the below-the-hook device should be stored in an assigned location.

Lifter markings and tags shall not be removed or damaged. Lifter markings and tags that are missing or illegible shall be replaced.

INSPECTION

Initial Inspection:

Prior to initial use, all new, altered, modified, or repaired lifting devices shall be inspected by a qualified person to ensure compliance with the provisions of the ASME B30.20 standard.

Inspection Intervals:

Below-the-hook lifters in regular service require three general types of inspection classification procedures; every lift, frequent, and periodic. The intervals for inspection are determinant upon the severity of use of the below-the-hook device, the extent of the exposure to wear and tear, as well as any history of malfunction experienced by the lifter.

Every Lift Inspection:

A visual examination performed by the operator of the below-the-hook lifter conducted prior to and during every lift.

cont.

Frequent Inspection:

Are comprised of visual inspections performed by either the lifter operator or other assigned personnel (records are not required by the ASME standard).

- Normal use – once a month
- Heavy use – once a week to once a monthly
- Severe use – once a day to once a week
- Special or infrequent use – outlined as specified by a qualified individual prior to and following each use.
- Any lifter that has been idle for a period of one month to a year shall undergo a frequent inspection prior to use.

The following items listed below shall be included within the regular inspection schedule and shall be thoroughly inspected and an assessment formed as to the extent of the issue and the level of subsequent hazard resulting from it.

- Structural deformation
- Cracks in welds or structural members
- Excessive wear
  - Loose or missing parts, tags, safety guards, fasteners, stops, and/or housings..
  - Out of adjustment conditions that interfere with the normal operation and functionality of all mechanisms including automatic hold and release components.
  - Contact Harrington Hoists, Inc. for replacements of missing identification tags and nameplates.

Periodic Inspections:

Are comprised of visual inspections performed by assigned personnel who record the current condition of the below-the-hook lifter in order to provide the basis for a continuing program of recorded evaluation. Dated reports for periodic inspections shall be maintained.

- Normal use – annual inspection typically performed on-site.
- Heavy use – disassembly by a qualified individual should be performed semi-annually in order to facilitate a detailed inspection.
- Severe use - disassembly by a qualified individual should be performed quarterly in order to facilitate a detailed inspection.
- Special or infrequent use – outlined as specified by a qualified individual prior to and following each use.
- Any lifter that has been idle for a period of one year or more shall undergo a periodic inspection prior to use.

Below-the-hook lifting devices shall undergo a thorough inspection based upon the previously defined intervals of every lift, frequent, and periodic. Any and all issues such as the following (as listed below) shall be investigated and a conclusion made as to if the extent of the issue and to if it is severe enough in its nature to represent a hazard. Dated inspection reports of the following critical items shall be made.

- All requirements outlined within the frequent inspection process.
- Missing or loose nuts, bolts, or fasteners.
- Fractured gears, pulleys, sheaves, sprockets, bearings, chain and belts.
- Excessive wear of linkages, gears, pulleys, sprockets, sheaves, chain, belts, bearings, hardware, and other mechanical parts.
- Excessive wear at the bail or other load bearing points.

All repairs or modifications shall be documented on dated inspection reports.

MAINTENANCE:

Preventive Maintenance:

A preventive maintenance program shall be established and be based on recommendations made by Harrington Hoists, Inc. It can be determined to be appropriate as designated by a qualified person to add to the maintenance program following a review of the use of the below-the-hook lifter.

Any hazards disclosed during an inspection shall be corrected before the lifting device is put back into service. Any repairs and/or adjustments shall be done only under the direction of or by a qualified person.

Replacement parts shall be equivalent to the Harrington Hoists, Inc.'s specifications.

For more information or to purchase a copy of the standard, visit ASME website, www.ASME.org.

CONTACT YOUR NEARBY HARRINGTON DISTRIBUTOR

DACO

(877) 247-3834 - dacocorp.com

Warranty

All products sold by Harrington Hoists, Inc. are warranted to be free from defects in material and workmanship from date of shipment by Harrington for the following periods:

1 year—Electric and Air Powered Hoists (excluding (N)ER2 Enhanced Features Models), Powered Trolleys, Powered Tiger Track Jibs and Gantries, Crane Components, Spare/Replacement Parts, Below-The-Hook and Material Handling Equipment

2 years—Manual Hoists & Trolleys, Beam Clamps

3 years—(N)ER2 Enhanced Features Model Hoists

5 years—Manual Tiger Track Jibs and Gantries, TNER Pull-Rotor Motor Brake

10 years—(N)ER2 "The Guardian" Smart Brake

The product must be used in accordance with manufacturer's recommendations and must not have been subject to abuse, lack of maintenance, misuse, negligence, or unauthorized repairs or alterations.

Should any defect in material or workmanship occur during the above time period in any product, as determined by Harrington Hoist's inspection of the product, Harrington Hoists, Inc. agrees, at its discretion, either to replace (not including installation) or repair the part or product free of charge and deliver said item F.O.B. Harrington Hoists, Inc. place of business to customer.

Customer must obtain a Return Goods Authorization as directed by Harrington or Harrington's published repair center prior to shipping product for warranty evaluation. An explanation of the complaint must accompany the product. Product must be returned freight prepaid. Upon repair, the product will be covered for the remainder of the original warranty period. Replacement parts installed after the original warranty period will only be eligible for replacement (not including installation) for a period of one year from the installation date. If it is determined there is no defect, or that the defect resulted from causes not within the scope of Harrington's warranty, the customer will be responsible for the costs of returning the product.

Harrington Hoists, Inc. disclaims any and all other warranties of any kind expressed or implied as to the product's merchantability or fitness for a particular application. Harrington will not be liable for death, injuries to persons or property or for incidental, contingent, special or consequential damages, loss or expense arising in connection with the use or inability whatever, regardless of whether damage, loss or expense results from any act or failure to act by Harrington, whether negligent or willful, or from any other reason.

HARRINGTON HOISTS AND CRANES

www.harringtonhoists.com

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Item No. C-BTHMHE

Specifications and dimensions are subject to change without notice.