

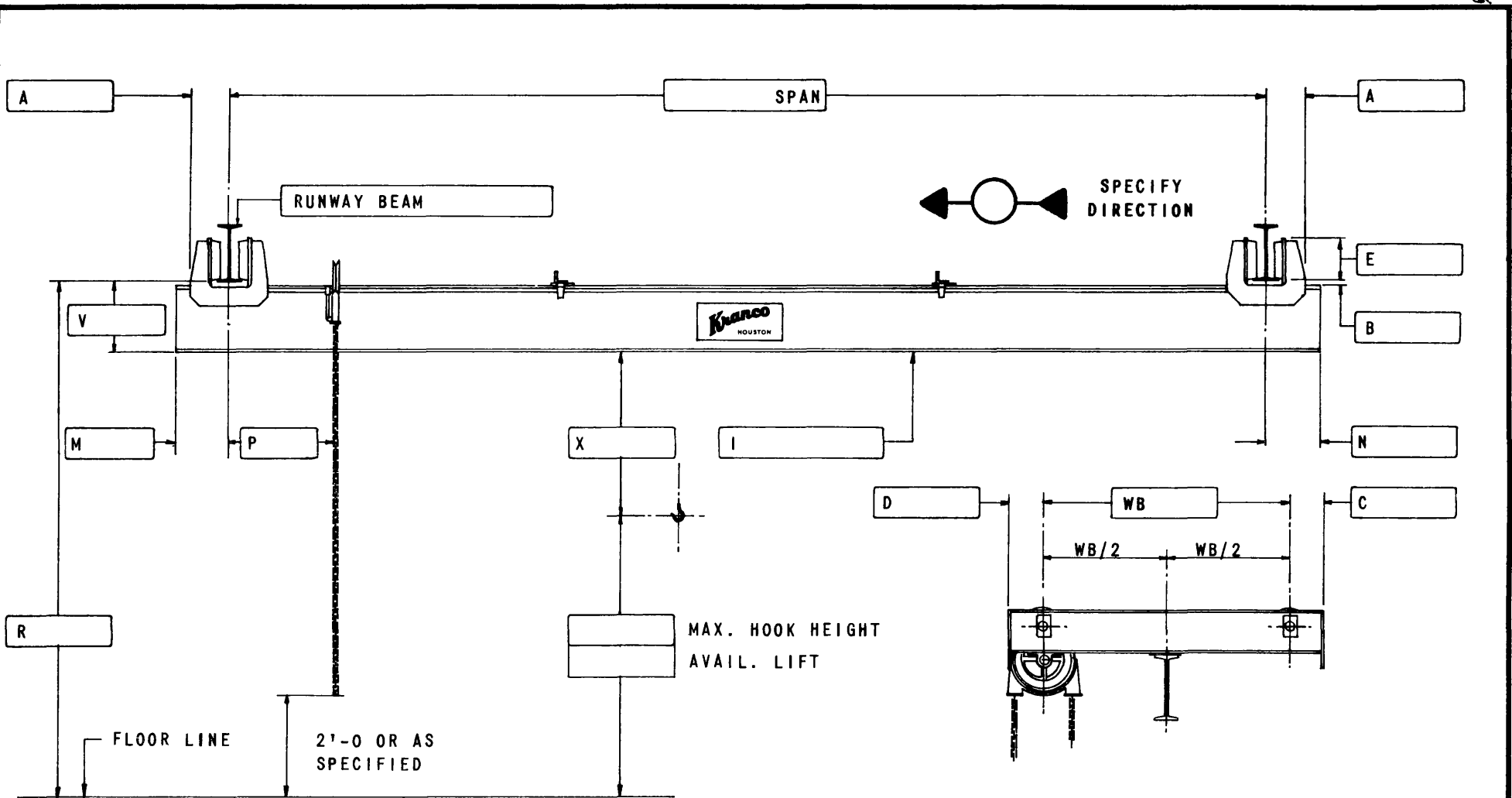
Kranco

OVERHEAD CRANES

ENGINEERING DATA CATALOG

EUCLID DIVISION
1365 Chardon Road
Cleveland, Ohio 44117
216-692-0470

HOUSTON DIVISION
10543 Fisher Road
Houston, Texas 77041
713-486-7541



CAPACITY _____
 WHEEL LOAD _____ (NO IMPACT)

TOTAL WEIGHT _____
 HOIST WEIGHT _____
 BRIDGE WEIGHT _____

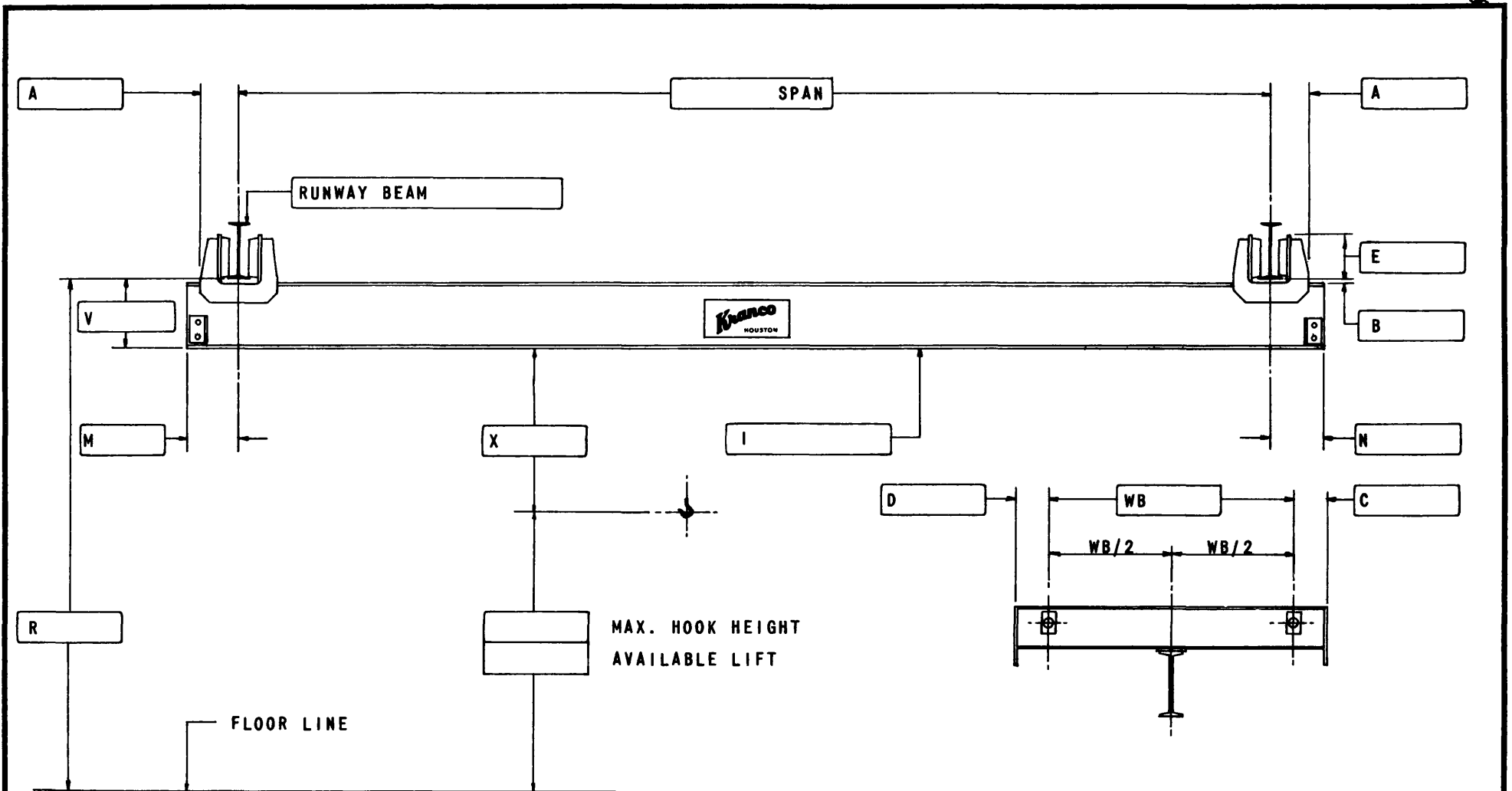
HOIST _____
 TROLLEY _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NT6
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

UNDERHUNG HAND GEARED SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. UHG	
REV. 6/67	



CAPACITY _____
 WHEEL LOAD _____ (NO IMPACT)

TOTAL WEIGHT _____
 HOIST WEIGHT _____
 BRIDGE WEIGHT _____

HOIST _____
 TROLLEY _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS

UNDERHUNG PUSH TYPE SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. UHP	
REV. 6/67	

KRANCO, INC.

UNDERHUNG HAND GEARED SINGLE GIRDER CRANES

TYPE
UHG

1/2 TON CAPACITY

1000 LBS.

A = 7 B = 1 5/8 C, D = 7 E = 5 3/8 M, N = 1'-0 P = 2'-0

RUNWAY: 6" to 12" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	4'-6	7 5/8	625	735
12	6 12.5	4'-6	7 5/8	670	745
14	6 12.5	4'-6	7 5/8	705	755
16	6 12.5	4'-6	7 5/8	735	765
18	8 18.4	4'-6	9 5/8	890	800
20	8 18.4	4'-6	9 5/8	940	815
22	8 18.4	4'-6	9 5/8	995	830
24	8 18.4	4'-6	9 5/8	1040	840
26	10 25.4	4'-6	11 5/8	1280	900
28	10 25.4	4'-6	11 5/8	1340	915
30	10 25.4	4'-6	11 5/8	1400	930
32	12 31.8	4'-6	1'-1 5/8	1690	1000
34	12 31.8	4'-6	1'-1 5/8	1765	1020
36	12 31.8	4'-6	1'-1 5/8	1835	1040
38	12 31.8	5'-6	1'-1 5/8	2000	1080
40	15 42.9	5'-6	1'-4 5/8	2540	1215
42	15 42.9	5'-6	1'-4 5/8	2650	1245
44	15 42.9	5'-6	1'-4 5/8	2745	1265
46	18 54.7	5'-6	1'-7 5/8	3410	1430
48	18 54.7	5'-6	1'-7 5/8	3525	1460
50	18 54.7	5'-6	1'-7 5/8	3645	1490

1 TON CAPACITY

2000 LBS.

A = 7 B = 1 5/8 C, D = 7 E = 5 3/8 M, N = 1'-0 P = 2'-0

RUNWAY: 6" to 12" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	4'-6	7 5/8	625	1245
12	6 12.5	4'-6	7 5/8	670	1260
14	8 18.4	4'-6	9 5/8	800	1290
16	8 18.4	4'-6	9 5/8	845	1300
18	8 18.4	4'-6	9 5/8	890	1310
20	10 25.4	4'-6	11 5/8	1090	1365
22	10 25.4	4'-6	11 5/8	1165	1380
24	10 25.4	4'-6	11 5/8	1220	1395
26	12 31.8	4'-6	1'-1 5/8	1460	1455
28	12 31.8	4'-6	1'-1 5/8	1535	1475
30	12 31.8	4'-6	1'-1 5/8	1605	1490
32	15 42.9	4'-6	1'-4 5/8	2070	1610
34	15 42.9	4'-6	1'-4 5/8	2165	1630
36	15 42.9	4'-6	1'-4 5/8	2260	1655
38	15 42.9	5'-6	1'-4 5/8	2445	1700
40	12 31.8/ 8 C 11.5	5'-6	1'-1 5/8	2420	1695
42	12 31.8/ 8 C 11.5	5'-6	1'-1 5/8	2545	1725
44	15 42.9/ 8 C 11.5	5'-6	1'-4 5/8	3080	1860
46	15 42.9/ 8 C 11.5	5'-6	1'-4 5/8	3210	1890
48	15 42.9/ 8 C 11.5	5'-6	1'-4 5/8	3340	1925
50	15 42.9/ 9 C 13.4	5'-6	1'-4 5/8	3530	1975

Letter dimensions pertain to drawing "UHG"

Wheel loads include no impact allowance and are based on standard overhang and hoist weights of:

1/2 ton - 160 lbs., 1 ton - 180 lbs.

Net weights do not include weight of hoist.

1½ TON CAPACITY

3000 LBS.

A = 7 B = 1½ C, D = 7 E = 5¾ M, N = 1'-0 P = 2'-0

RUNWAY: 6" to 12" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	4'-6	7¾	625	1765
12	8 18.4	4'-6	9¾	755	1800
14	8 18.4	4'-6	9¾	800	1810
16	8 18.4	4'-6	9¾	845	1820
18	10 25.4	4'-6	11¾	1030	1865
20	10 25.4	4'-6	11¾	1090	1885
22	10 25.4	4'-6	11¾	1165	1900
24	12 31.8	4'-6	1'-1½	1390	1960
26	12 31.8	4'-6	1'-1½	1460	1975
28	15 42.9	4'-6	1'-4½	1865	2075
30	15 42.9	4'-6	1'-4½	1960	2100
32	15 42.9	4'-6	1'-4½	2070	2125
34	12 31.8/ 8 C 11.5	4'-6	1'-1½	2050	2125
36	12 31.8/ 8 C 11.5	4'-6	1'-1½	2170	2150
38	15 42.9/ 8 C 11.5	5'-6	1'-4½	2710	2285
40	15 42.9/ 8 C 11.5	5'-6	1'-4½	2855	2325
42	15 42.9/ 8 C 11.5	5'-6	1'-4½	3010	2360
44	15 42.9/ 8 C 11.5	5'-6	1'-4½	3140	2395
46	15 42.9/ 8 C 11.5	5'-6	1'-4½	3270	2425
48	15 42.9/10 C 15.3	5'-6	1'-4½	3550	2495
50	15 42.9/10 C 15.3	5'-6	1'-4½	3690	2530

2 TON CAPACITY

4000 LBS.

A = 8 B = 1½ C, D = 7 E = 7¾ M, N = 1'-0 P = 2'-0

RUNWAY: 8" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	4'-6	9¾	910	2350
12	8 18.4	4'-6	9¾	970	2365
14	8 18.4	4'-6	9¾	1015	2380
16	10 25.4	4'-6	11¾	1185	2420
18	10 25.4	4'-6	11¾	1245	2435
20	12 31.8	4'-6	1'-1½	1445	2485
22	12 31.8	4'-6	1'-1½	1530	2510
24	15 42.9	4'-6	1'-4½	1890	2600
26	15 42.9	4'-6	1'-4½	1985	2620
28	15 42.9	4'-6	1'-4½	2080	2645
30	12 31.8/ 8 C 11.5	4'-6	1'-1½	2075	2645
32	12 31.8/ 8 C 11.5	4'-6	1'-1½	2195	2675
34	15 42.9/ 8 C 11.5	4'-6	1'-4½	2665	2760
36	15 42.9/ 8 C 11.5	4'-6	1'-4½	2805	2830
38	15 42.9/ 8 C 11.5	5'-6	1'-4½	2995	2875
40	15 42.9/ 8 C 11.5	5'-6	1'-4½	3130	2910
42	15 42.9/ 8 C 11.5	5'-6	1'-4½	3275	2945
44	15 42.9/10 C 15.3	5'-6	1'-4½	3540	3010
46	18 54.7/ 8 C 11.5	5'-6	1'-7¾	4090	3150
48	18 54.7/ 8 C 11.5	5'-6	1'-7¾	4225	3170
50	18 54.7/ 9 C 13.4	5'-6	1'-7¾	4450	3240

Letter dimensions pertain to drawing "UHG"

Wheel loads include no impact allowance and are based on standard overhang and hoist weights of:

1½ ton - 220 lbs., 2 ton - 250 lbs.

Net weights do not include weight of hoist.

KRANCO, INC.

UNDERHUNG HAND GEARED SINGLE GIRDER CRANES

TYPE
UHG

3 TON CAPACITY

6000 LBS.

A = 8 B = 1⁵/₈ C, D = 7 E = 7³/₈ M, N = 1'-0 P = 2'-0

RUNWAY: 8" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	4'-6	9 ⁵ / ₈	910	3400
12	10 25.4	4'-6	11 ⁵ / ₈	1065	3440
14	10 25.4	4'-6	11 ⁵ / ₈	1125	3455
16	10 25.4	4'-6	11 ⁵ / ₈	1185	3470
18	12 31.8	4'-6	1'-1 ⁵ / ₈	1370	3520
20	15 42.9	4'-6	1'-4 ⁵ / ₈	1690	3600
22	15 42.9	4'-6	1'-4 ⁵ / ₈	1800	3625
24	15 42.9	4'-6	1'-4 ⁵ / ₈	1890	3650
26	18 54.7	4'-6	1'-7 ⁵ / ₈	2320	3750
28	18 54.7	4'-6	1'-7 ⁵ / ₈	2435	3785
30	20 65.4	4'-6	1'-9 ⁵ / ₈	2895	3900
32	20 65.4	4'-6	1'-9 ⁵ / ₈	3050	3935
34	20 65.4	4'-6	1'-9 ⁵ / ₈	3175	3970
36	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3200	3975
38	18 54.7/ 8 C 11.5	5'-6	1'-7 ⁵ / ₈	3455	4050
40	18 54.7/ 8 C 11.5	5'-6	1'-7 ⁵ / ₈	3600	4075
42	18 54.7/ 8 C 11.5	5'-6	1'-7 ⁵ / ₈	3760	4115
44	18 54.7/ 9 C 13.4	5'-6	1'-7 ⁵ / ₈	4015	4180
46	18 54.7/ 9 C 13.4	5'-6	1'-7 ⁵ / ₈	4160	4215
48	18 54.7/ 9 C 13.4	5'-6	1'-7 ⁵ / ₈	4315	4255
50	18 54.7/10 C 15.3	5'-6	1'-7 ⁵ / ₈	4545	4310

4 TON CAPACITY

8000 LBS.

A = 8¹/₄ B = 1⁵/₈ C, D = 7 E = 9⁵/₈ M, N = 1'-0 P = 2'-0

RUNWAY: 10" to 20" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	4'-6	11 ⁵ / ₈	1320	4545
12	10 25.4	4'-6	11 ⁵ / ₈	1400	4565
14	12 31.8	4'-6	1'-1 ⁵ / ₈	1560	4605
16	12 31.8	4'-6	1'-1 ⁵ / ₈	1630	4625
18	15 42.9	4'-6	1'-4 ⁵ / ₈	1925	4695
20	15 42.9	4'-6	1'-4 ⁵ / ₈	2025	4720
22	18 54.7	4'-6	1'-7 ⁵ / ₈	2415	4820
24	18 54.7	4'-6	1'-7 ⁵ / ₈	2530	4845
26	18 54.7	4'-6	1'-7 ⁵ / ₈	2650	4875
28	20 65.4	4'-6	1'-9 ⁵ / ₈	3090	4985
30	20 65.4	4'-6	1'-9 ⁵ / ₈	3240	5025
32	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3260	5030
34	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3425	5070
36	18 54.7/ 9 C 13.4	4'-6	1'-7 ⁵ / ₈	3630	5120
38	18 54.7/ 9 C 13.4	5'-6	1'-7 ⁵ / ₈	3910	5190
40	18 54.7/ 9 C 13.4	5'-6	1'-7 ⁵ / ₈	4085	5235
42	18 54.7/10 C 15.3	5'-6	1'-7 ⁵ / ₈	4300	5290
44	18 54.7/10 C 15.3	5'-6	1'-7 ⁵ / ₈	4465	5330
46	18 54.7/12 C 20.7	5'-6	1'-7 ⁵ / ₈	4835	5425
48	20 65.4/10 C 15.3	5'-6	1'-9 ⁵ / ₈	5250	5525
50	20 65.4/10 C 15.3	5'-6	1'-9 ⁵ / ₈	5435	5575

Letter dimensions pertain to drawing "UHG"

Wheel loads include no impact allowance and are based on standard overhang and hoist weights of:

3 ton - 350 lbs., 4 ton - 430 lbs.

Net weights do not include weight of hoist.

5 TON CAPACITY

10,000 LBS.

A = 8³/₄ B = 1⁵/₈ C, D = 7 E = 9⁵/₈ M, N = 1'-0 P = 2'-0 RUNWAY: 10" to 20" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	4'-6	1 ⁵ / ₈	1325	5630
12	10 25.4	4'-6	1 ⁵ / ₈	1400	5650
14	12 31.8	4'-6	1'-1 ⁵ / ₈	1560	5690
16	15 42.9	4'-6	1'-4 ⁵ / ₈	1830	5760
18	15 42.9	4'-6	1'-4 ⁵ / ₈	1925	5780
20	18 54.7	4'-6	1'-7 ⁵ / ₈	2285	5870
22	18 54.7	4'-6	1'-7 ⁵ / ₈	2415	5905
24	20 65.4	4'-6	1'-9 ⁵ / ₈	2810	6000
26	20 65.4	4'-6	1'-9 ⁵ / ₈	2950	6035
28	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3000	6050
30	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3160	6090
32	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3315	6130
34	18 54.7/ 9 C 13.4	4'-6	1'-7 ⁵ / ₈	3510	6175
36	18 54.7/ 9 C 13.4	4'-6	1'-7 ⁵ / ₈	3645	6210
38	18 54.7/ 9 C 13.4	5'-6	1'-7 ⁵ / ₈	3935	6285
40	18 54.7/10 C 15.3	5'-6	1'-7 ⁵ / ₈	4150	6310
42	18 54.7/12 C 20.7	5'-6	1'-7 ⁵ / ₈	4540	6435
44	20 65.4/10 C 15.3	5'-6	1'-9 ⁵ / ₈	4945	6540
46	20 65.4/10 C 15.3	5'-6	1'-9 ⁵ / ₈	5110	6575
48	20 65.4/12 C 20.7	5'-6	1'-9 ⁵ / ₈	5530	6680
50	24 79.9/12 C 20.7	5'-6	2'-1 ⁵ / ₈	6565	6940

6 TON CAPACITY

12,000 LBS.

A = 8³/₄ B = 1⁵/₈ C, D = 7 E = 9⁵/₈ M, N = 1'-0 P = 2'-0 RUNWAY: 10" to 20" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	4'-6	1 ⁵ / ₈	1325	6630
12	12 31.8	4'-6	1'-1 ⁵ / ₈	1490	6670
14	15 42.9	4'-6	1'-4 ⁵ / ₈	1740	6735
16	15 42.9	4'-6	1'-4 ⁵ / ₈	1830	6755
18	18 54.7	4'-6	1'-7 ⁵ / ₈	2165	6840
20	18 54.7	4'-6	1'-7 ⁵ / ₈	2285	6870
22	20 65.4	4'-6	1'-9 ⁵ / ₈	2670	6965
24	20 65.4	4'-6	1'-9 ⁵ / ₈	2810	7000
26	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	2950	7035
28	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3000	7045
30	18 54.7/ 8 C 11.5	4'-6	1'-7 ⁵ / ₈	3160	7085
32	18 54.7/ 9 C 13.4	4'-6	1'-7 ⁵ / ₈	3365	7140
34	18 54.7/ 9 C 13.4	4'-6	1'-7 ⁵ / ₈	3510	7180
36	18 54.7/10 C 15.3	4'-6	1'-7 ⁵ / ₈	3745	7235
38	20 65.4/ 9 C 13.4	5'-6	1'-9 ⁵ / ₈	4320	7380
40	20 65.4/10 C 15.3	5'-6	1'-9 ⁵ / ₈	4585	7445
42	20 65.4/10 C 15.3	5'-6	1'-9 ⁵ / ₈	4770	7490
44	20 65.4/12 C 20.7	5'-6	1'-9 ⁵ / ₈	5165	7590
46	20 65.4/12 C 20.7	5'-6	1'-9 ⁵ / ₈	5345	7635
48	24 79.9/10 C 15.3	5'-6	2'-1 ⁵ / ₈	6100	7825
50	24 79.9/12 C 20.7	5'-6	2'-1 ⁵ / ₈	6565	7940

Letter dimensions pertain to drawing "UHG"

Wheel loads include no impact allowance and are based on standard overhang and hoist weights of:

5 ton - 600 lbs., 6 ton - 600 lbs.

Net weights do not include weight of hoist.

8 TON CAPACITY

16,000 LBS.

A = 10 B = 1½ C, D = 7¾ E = 11½ M, N = 1'-3 P = 2'-0

RUNWAY: 12" to 24" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	4'-6	1'-1½	2125	8850
12	15 42.9	4'-6	1'-4½	2370	8910
14	15 42.9	4'-6	1'-4½	2465	8935
16	18 54.7	4'-6	1'-7½	2780	9015
18	18 54.7	4'-6	1'-7½	2895	9045
20	20 65.4	4'-6	1'-9½	3260	9135
22	20 65.4	4'-6	1'-9½	3410	9170
24	18 54.7/ 8 C 11.5	4'-6	1'-7½	3580	9190
26	18 54.7/ 8 C 11.5	4'-6	1'-7½	3600	9225
28	18 54.7/ 8 C 11.5	4'-6	1'-7½	3765	9260
30	18 54.7/ 8 C 11.5	4'-6	1'-7½	3895	9295
32	18 54.7/10 C 15.3	4'-6	1'-7½	4170	9360
34	20 65.4/ 9 C 13.4	4'-6	1'-9½	4635	9480
36	20 65.4/10 C 15.3	4'-6	1'-9½	4960	9555
38	20 65.4/12 C 20.7	5'-6	1'-9½	5485	9690
40	20 65.4/12 C 20.7	5'-6	1'-9½	5670	9735
42	24 79.9/10 C 15.3	5'-6	2'-1½	6270	9885
44	24 79.9/12 C 20.7	5'-6	2'-1½	6705	9995
46	24 79.9/12 C 20.7	5'-6	2'-1½	6915	10,050
48	24 79.9/15 C 33.9	5'-6	2'-1½	7760	10,260
50	24 79.9/15 C 33.9	5'-6	2'-1½	8000	10,320

10 TON CAPACITY

20,000 LBS.

A = 10 B = 1½ C, D = 7¾ E = 11½ M, N = 1'-3 P = 2'-0

RUNWAY: 12" to 24" STD. I BEAMS

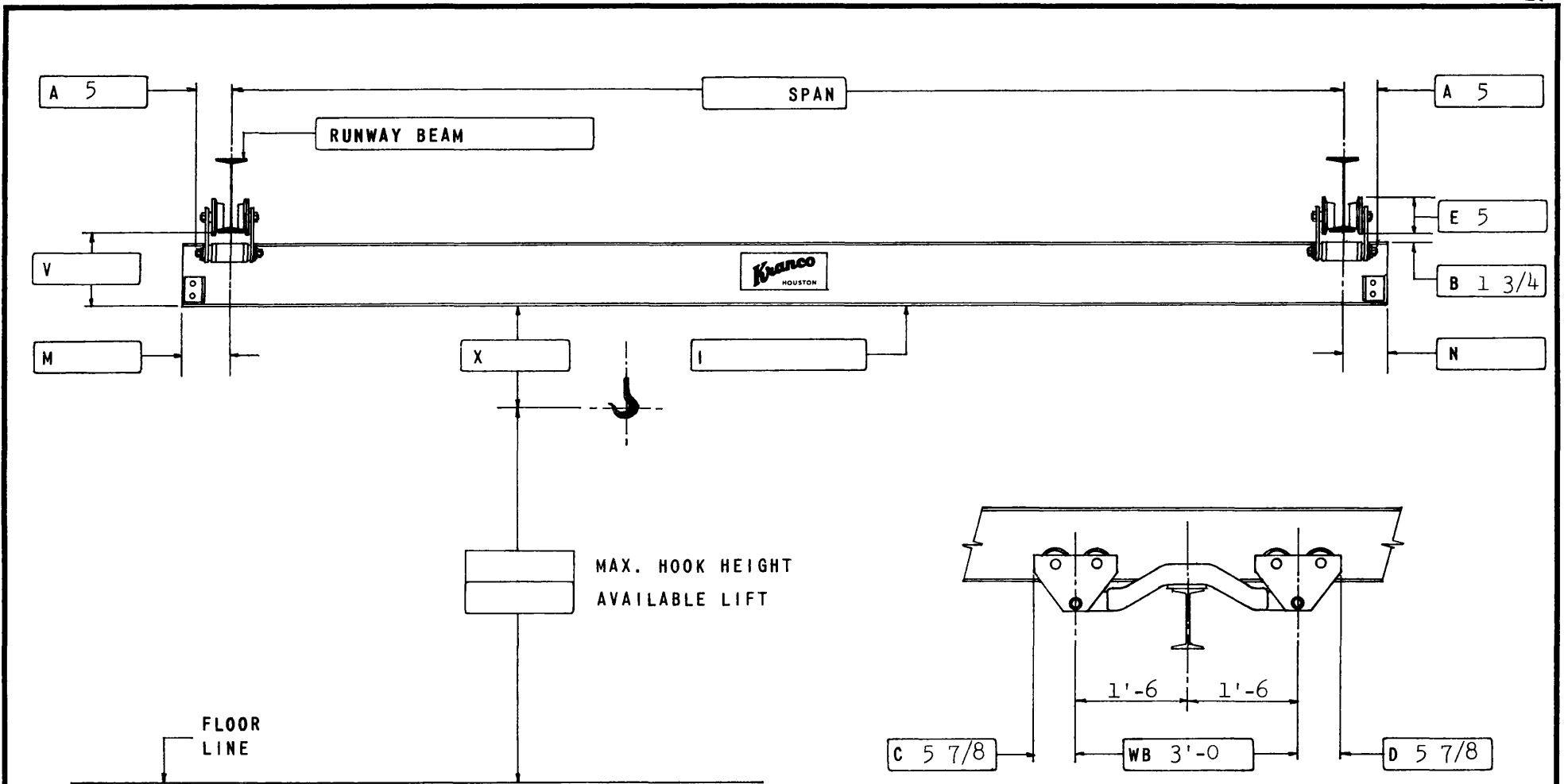
SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	NET WEIGHT (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	4'-6	1'-1½	2125	10,850
12	15 42.9	4'-6	1'-4½	2370	10,910
14	18 54.7	4'-6	1'-7½	2660	10,985
16	18 54.7	4'-6	1'-7½	2780	11,015
18	20 65.4	4'-6	1'-9½	3115	11,100
20	20 65.4	4'-6	1'-9½	3260	11,135
22	18 54.7/ 8 C 11.5	4'-6	1'-7½	3375	11,180
24	18 54.7/ 8 C 11.5	4'-6	1'-7½	3480	11,215
26	18 54.7/ 8 C 11.5	4'-6	1'-7½	3600	11,225
28	18 54.7/10 C 15.3	4'-6	1'-7½	3860	11,285
30	20 65.4/ 9 C 13.4	4'-6	1'-9½	4305	11,395
32	20 65.4/ 9 C 13.4	4'-6	1'-9½	4495	11,445
34	20 65.4/10 C 15.3	4'-6	1'-9½	4720	11,500
36	20 65.4/12 C 20.7	4'-6	1'-9½	5085	11,590
38	24 79.9/10 C 15.3	5'-6	2'-1½	5840	11,780
40	24 79.9/12 C 20.7	5'-6	2'-1½	6270	11,885
42	24 79.9/12 C 20.7	5'-6	2'-1½	6495	11,945
44	24 79.9/15 C 33.9	5'-6	2'-1½	7285	12,140
46	24 79.9/15 C 33.9	5'-6	2'-1½	7520	12,200
48	24 79.9/15 C 33.9	5'-6	2'-1½	7760	12,260
50	24 90.0/15 C 33.9	5'-6	2'-1½	8535	12,460

Letter dimensions pertain to drawing "UHG"

Wheel loads include no impact allowance and are based on standard overhang and hoist weights of:

8 ton - 640 lbs., 10 ton - 640 lbs.

Net weights do not include weight of hoist.



CAPACITY _____
 WHEEL LOAD _____ (NO IMPACT)

TOTAL WEIGHT _____
 HOIST WEIGHT _____
 BRIDGE WEIGHT _____

HOIST _____
 TROLLEY _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

UNDERHUNG ECONO-LIFT SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. ELU	
REV. 6/67	

1/2 TON CAPACITY

1000 LBS.

A=5 B=1³/₄ C,D=5⁷/₈ E=5 M,N=1'-0

RUNWAY: 5" TO 12" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM	WHEEL BASE	V	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	3'-0	7 ³ / ₄	395	680
12	6 12.5	3'-0	7 ³ / ₄	420	685
14	6 12.5	3'-0	7 ³ / ₄	445	690
16	6 12.5	3'-0	7 ³ / ₄	470	700
18	8 18.4	3'-0	9 ³ / ₄	615	735
20	8 18.4	3'-0	9 ³ / ₄	650	740
22	8 18.4	3'-0	9 ³ / ₄	690	750
24	8 18.4	3'-0	9 ³ / ₄	725	760
26	10 25.4	3'-0	11 ³ / ₄	955	820
28	10 25.4	3'-0	11 ³ / ₄	1010	830
30	10 25.4	3'-0	11 ³ / ₄	1060	845

1 TON CAPACITY

2000 LBS.

A=5 B=1³/₄ C,D=5⁷/₈ E=5 M,N=1'-0

RUNWAY: 5" TO 12" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM	WHEEL BASE	V	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	3'-0	7 ³ / ₄	395	1190
12	6 12.5	3'-0	7 ³ / ₄	420	1195
14	8 18.4	3'-0	9 ³ / ₄	540	1225
16	8 18.4	3'-0	9 ³ / ₄	575	1235
18	8 18.4	3'-0	9 ³ / ₄	615	1245
20	10 25.4	3'-0	11 ³ / ₄	805	1290
22	10 25.4	3'-0	11 ³ / ₄	855	1305
24	10 25.4	3'-0	11 ³ / ₄	905	1330
26	12 31.8	3'-0	1'-1 ³ / ₄	1135	1375
28	12 31.8	3'-0	1'-1 ³ / ₄	1200	1390
30	12 31.8	3'-0	1'-1 ³ / ₄	1265	1405

1 1/2 TON CAPACITY

3000 LBS.

A=5 B=1³/₄ C,D=5⁷/₈ E=5 M,N=1'-0

RUNWAY: 5" TO 12" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM	WHEEL BASE	V	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	3'-0	7 ³ / ₄	395	1710
12	8 18.4	3'-0	9 ³ / ₄	505	1735
14	8 18.4	3'-0	9 ³ / ₄	540	1745
16	8 18.4	3'-0	9 ³ / ₄	575	1755
18	10 25.4	3'-0	11 ³ / ₄	755	1800
20	10 25.4	3'-0	11 ³ / ₄	805	1810
22	10 25.4	3'-0	11 ³ / ₄	855	1825
24	12 31.8	3'-0	1'-1 ³ / ₄	1075	1880
26	12 31.8	3'-0	1'-1 ³ / ₄	1135	1895
28	15 42.9	3'-0	1'-4 ³ / ₄	1535	1995
30	15 42.9	3'-0	1'-4 ³ / ₄	1620	2015

See Notes at Bottom of Page 12-6.

2 TON CAPACITY

4000 LBS.

A=5 B=1³/₄ C,D=5⁷/₈ E=5 M,N=1'-0

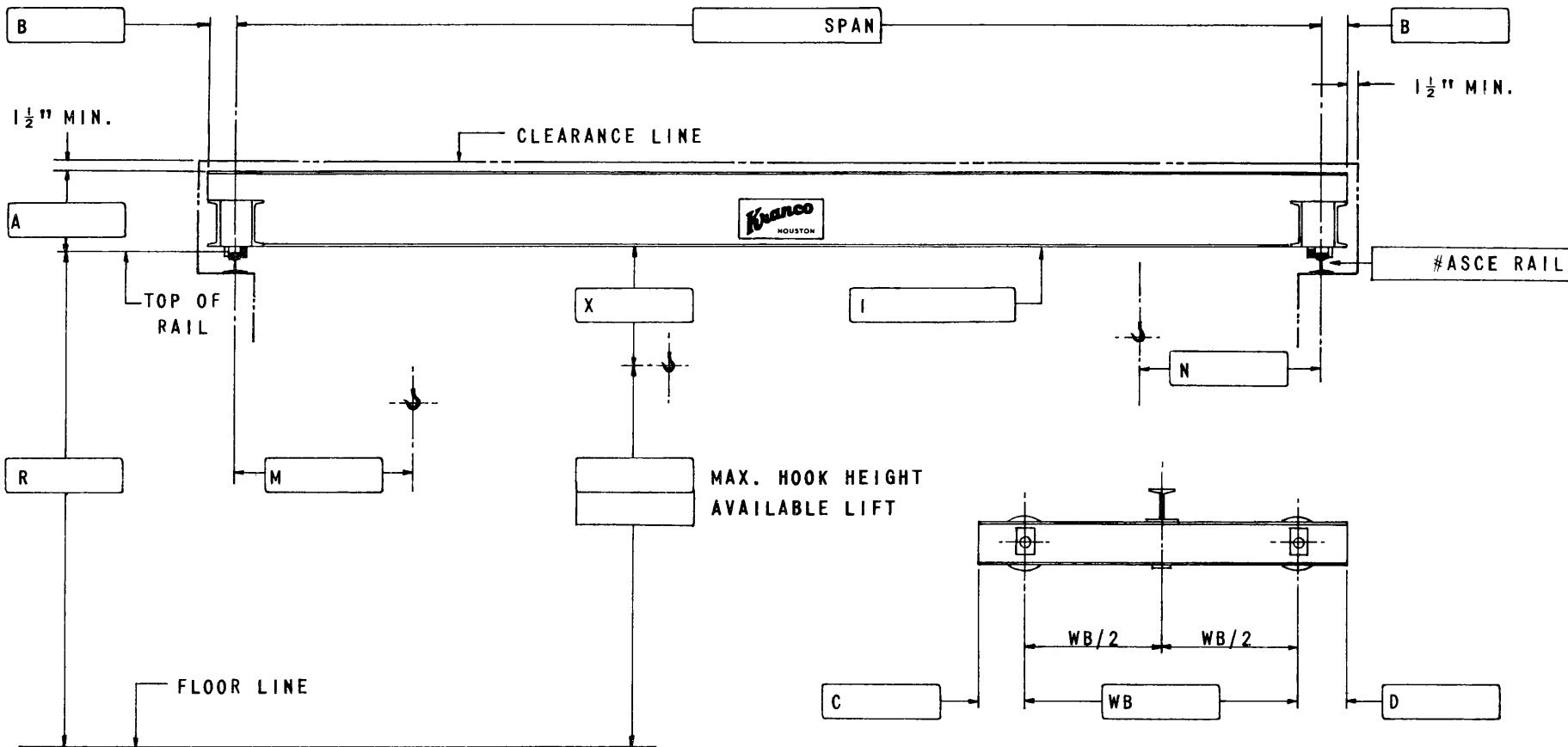
RUNWAY: 5" TO 12" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM	WHEEL BASE	V	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	3'-0	9 ³ / ₄	465	2240
12	8 18.4	3'-0	9 ³ / ₄	504	2250
14	8 18.4	3'-0	9 ³ / ₄	540	2260
16	10 25.4	3'-0	11 ³ / ₄	705	2300
18	10 25.4	3'-0	11 ³ / ₄	755	2315
20	12 31.8	3'-0	1'-1 ³ / ₄	945	2360
22	12 31.8	3'-0	1'-1 ³ / ₄	1010	2375
24	15 42.9	3'-0	1'-4 ³ / ₄	1360	2465
26	15 42.9	3'-0	1'-4 ³ / ₄	1445	2485
28	15 42.9	3'-0	1'-4 ³ / ₄	1535	2510
30	12 31.8/8 C 11.5	3'-0	1'-1 ³ / ₄	1515	2505

Letter dimensions pertain to drawing "ELU".

Wheel loads include no impact allowance and are based on standard overhang and hoist weights of: ½ ton - 160 lbs., 1 ton - 180 lbs., 1½ ton - 220 lbs., 2 ton - 250 lbs.

Net weights do not include weight of hoist.



CAPACITY _____
 WHEEL LOAD _____ (NO IMPACT)

TOTAL WEIGHT _____
 HOIST WEIGHT _____
 BRIDGE WEIGHT _____

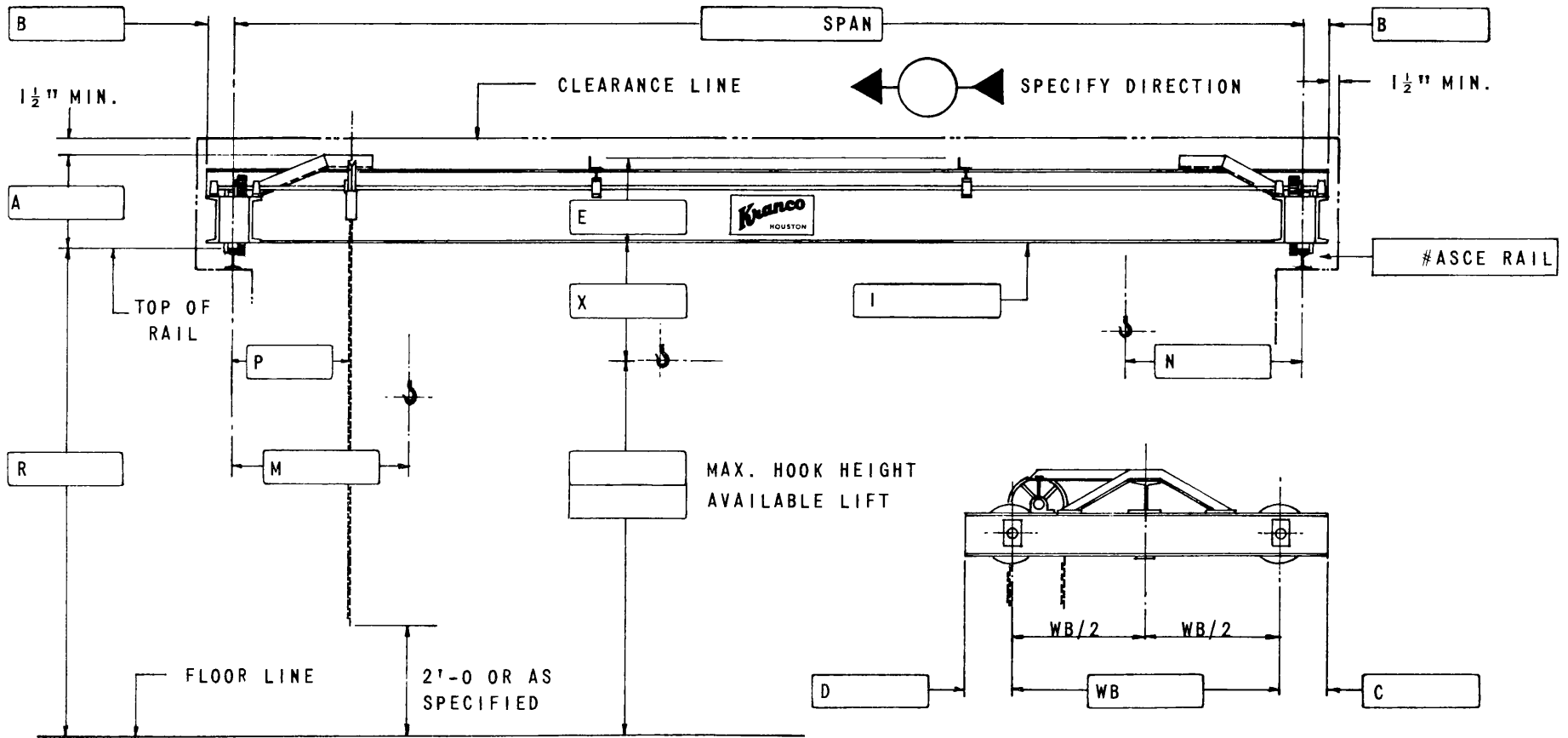
HOIST _____
 TROLLEY _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

TOP RUNNING PUSH TYPE SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. TRP	
REV. 6/67	



CAPACITY _____
 WHEEL LOAD _____ (NO IMPACT)

TOTAL WEIGHT _____
 HOIST WEIGHT _____
 BRIDGE WEIGHT _____

HOIST _____
 TROLLEY _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

TOP RUNNING HAND GEARED SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. TRG	
REV. 6/67	

1/2 TON CAPACITY

1000 LBS.

B = 4 1/2 C = 9 1/2 D = 9 1/2 P = 2'-0

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	4'-6	1'-5	8 1/2	900	805
12	6 12.5	4'-6	1'-5	8 1/2	935	815
14	6 12.5	4'-6	1'-5	8 1/2	970	825
16	6 12.5	4'-6	1'-5	8 1/2	1000	830
18	8 18.4	4'-6	1'-7	10 1/2	1145	870
20	8 18.4	4'-6	1'-7	10 1/2	1205	880
22	8 18.4	4'-6	1'-7	10 1/2	1250	895
24	8 18.4	4'-6	1'-7	10 1/2	1295	905
26	10 25.4	4'-6	1'-6	1'-0 1/2	1530	965
28	10 25.4	4'-6	1'-6	1'-0 1/2	1590	980
30	10 25.4	4'-6	1'-6	1'-0 1/2	1660	995
32	12 31.8	4'-6	1'-4	1'-2 1/2	1930	1065
34	12 31.8	4'-6	1'-4	1'-2 1/2	2000	1080
36	12 31.8	4'-6	1'-4	1'-2 1/2	2075	1100
38	12 31.8	5'-6	1'-4	1'-2 1/2	2260	1145
40	15 42.9	5'-6	1'-7	1'-5 1/2	2805	1280
42	15 42.9	5'-6	1'-7	1'-5 1/2	2900	1305
44	15 42.9	5'-6	1'-7	1'-5 1/2	2990	1330
46	18 54.7	5'-6	1'-10	1'-8 1/2	3640	1490
48	18 54.7	5'-6	1'-10	1'-8 1/2	3760	1520
50	18 54.7	5'-6	1'-10	1'-8 1/2	3890	1550

1 TON CAPACITY

2000 LBS.

B = 4 1/2 C = 9 1/2 D = 9 1/2 P = 2'-0

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	4'-6	1'-5	8 1/2	900	1315
12	6 12.5	4'-6	1'-5	8 1/2	935	1325
14	8 18.4	4'-6	1'-7	10 1/2	1055	1380
16	8 18.4	4'-6	1'-7	10 1/2	1100	1365
18	8 18.4	4'-6	1'-7	10 1/2	1145	1375
20	10 25.4	4'-6	1'-6	1'-0 1/2	1350	1430
22	10 25.4	4'-6	1'-6	1'-0 1/2	1410	1445
24	10 25.4	4'-6	1'-6	1'-0 1/2	1470	1460
26	12 31.8	4'-6	1'-4	1'-2 1/2	1700	1515
28	12 31.8	4'-6	1'-4	1'-2 1/2	1775	1535
30	12 31.8	4'-6	1'-4	1'-2 1/2	1860	1555
32	15 42.9	4'-6	1'-7	1'-5 1/2	2300	1665
34	15 42.9	4'-6	1'-7	1'-5 1/2	2395	1690
36	15 42.9	4'-6	1'-7	1'-5 1/2	2485	1715
38	15 42.9	5'-6	1'-7	1'-5 1/2	2690	1765
40	12 31.8/ 8 C 11.5	5'-6	1'-4	1'-2 1/2	2820	1795
42	12 31.8/ 8 C 11.5	5'-6	1'-4	1'-2 1/2	2915	1820
44	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5 1/2	3510	1970
46	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5 1/2	3625	2000
48	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5 1/2	3745	2025
50	15 42.9/ 9 C 13.4	5'-6	1'-7	1'-5 1/2	3970	2110

Letter dimensions pertain to drawing "TRG".

"A" and "E" dimensions are to top of steel or top of handwheel, whichever is higher.

Wheel loads include no impact allowance and are based on hoist weights of: 1/2 ton - 160 lbs., 1 ton - 180 lbs.

Net weights do not include weight of hoist.

1½ TON CAPACITY

3000 LBS.

B = 4½ C = 9½ D = 9½ P = 2'-0

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	6 12.5	4'-6	1'-5	8½	900	1835
12	8 18.4	4'-6	1'-7	10½	1010	1865
14	8 18.4	4'-6	1'-7	10½	1055	1875
16	8 18.4	4'-6	1'-7	10½	1100	1885
18	10 25.4	4'-6	1'-6	1'-0½	1280	1930
20	10 25.4	4'-6	1'-6	1'-0½	1350	1950
22	10 25.4	4'-6	1'-6	1'-0½	1410	1965
24	12 31.8	4'-6	1'-4	1'-2½	1630	2020
26	12 31.8	4'-6	1'-4	1'-2½	1700	2035
28	15 42.9	4'-6	1'-7	1'-5½	2095	2135
30	15 42.9	4'-6	1'-7	1'-5½	2200	2160
32	15 42.9	4'-6	1'-7	1'-5½	2300	2185
34	12 31.8/ 8 C 11.5	4'-6	1'-4	1'-2½	2405	2210
36	12 31.8/ 8 C 11.5	4'-6	1'-4	1'-2½	2500	2235
38	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3140	2395
40	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3275	2430
42	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3390	2460
44	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3510	2490
46	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3625	2515
48	15 42.9/10 C 15.3	5'-6	1'-7	1'-5½	3930	2595
50	15 42.9/10 C 15.3	5'-6	1'-7	1'-5½	4070	2625

2 TON CAPACITY

4000 LBS.

B = 4½ C = 9½ D = 9½ P = 2'-0

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	4'-6	1'-7	10½	965	2365
12	8 18.4	4'-6	1'-7	10½	1010	2380
14	8 18.4	4'-6	1'-7	10½	1055	2390
16	10 25.4	4'-6	1'-6	1'-0½	1220	2430
18	10 25.4	4'-6	1'-6	1'-0½	1280	2445
20	12 31.8	4'-6	1'-4	1'-2½	1485	2495
22	12 31.8	4'-6	1'-4	1'-2½	1560	2515
24	15 42.9	4'-6	1'-7	1'-5½	1910	2600
26	15 42.9	4'-6	1'-7	1'-5½	2000	2625
28	15 42.9	4'-6	1'-7	1'-5½	2095	2650
30	12 31.8/ 8 C 11.5	4'-6	1'-4	1'-2½	2215	2680
32	12 31.8/ 8 C 11.5	4'-6	1'-4	1'-2½	2300	2700
34	15 42.9/ 8 C 11.5	4'-6	1'-7	1'-5½	2810	2825
36	15 42.9/ 8 C 11.5	4'-6	1'-7	1'-5½	2925	2855
38	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3140	2910
40	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3275	2945
42	15 42.9/ 8 C 11.5	5'-6	1'-7	1'-5½	3390	2975
44	15 42.9/10 C 15.3	5'-6	1'-7	1'-5½	3680	3045
46	18 54.7/ 8 C 11.5	5'-6	1'-10	1'-8½	4180	3170
48	18 54.7/ 8 C 11.5	5'-6	1'-10	1'-8½	4320	3205
50	18 54.7/ 8 C 11.5	5'-6	1'-10	1'-8½	4480	3245

Letter dimensions pertain to drawing "TRG".

"A" and "E" dimensions are to top of steel or top of handwheel, whichever is higher.

Wheel loads include no impact allowance and are based on hoist weights of: 1½ ton - 220 lbs. 2 ton - 250 lbs.

Net weights do not include weight of hoist.

3 TON CAPACITY

B = 4½ C = 9½ D = 9½ P = 2'-0

6000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	4'-6	1'-7	10½	965	3415
12	10 25.4	4'-6	1'-6	1'-0½	1100	3450
14	10 25.4	4'-6	1'-6	1'-0½	1160	3465
16	10 25.4	4'-6	1'-6	1'-0½	1220	3480
18	12 31.8	4'-6	1'-4	1'-2½	1400	3525
20	15 42.9	4'-6	1'-7	1'-5½	1720	3605
22	15 42.9	4'-6	1'-7	1'-5½	1815	3630
24	15 42.9	4'-6	1'-7	1'-5½	1910	3650
26	18 54.7	4'-6	1'-10	1'-8½	2320	3755
28	18 54.7	4'-6	1'-10	1'-8½	2440	3785
30	20 65.4	4'-6	2'-0	1'-10½	2905	3900
32	20 65.4	4'-6	2'-0	1'-10½	3035	3935
34	20 65.4	4'-6	2'-0	1'-10½	3105	3950
36	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	3350	4010
38	18 54.7/ 8 C 11.5	5'-6	1'-10	1'-8½	3605	4075
40	18 54.7/ 8 C 11.5	5'-6	1'-10	1'-8½	3760	4115
42	18 54.7/ 8 C 11.5	5'-6	1'-10	1'-8½	3900	4150
44	18 54.7/ 9 C 13.4	5'-6	1'-10	1'-8½	4125	4210
46	18 54.7/ 9 C 13.4	5'-6	1'-10	1'-8½	4270	4245
48	18 54.7/ 9 C 13.4	5'-6	1'-10	1'-8½	4415	4280
50	18 54.7/10 C 15.3	5'-6	1'-10	1'-8½	4670	4345

4 TON CAPACITY

B = 4½ C = 9½ D = 9½ P = 2'-0

8000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	4'-6	1'-6	1'-0½	1040	4480
12	10 25.4	4'-6	1'-6	1'-0½	1100	4495
14	12 31.8	4'-6	1'-4	1'-2½	1255	4535
16	12 31.8	4'-6	1'-4	1'-2½	1330	4550
18	15 42.9	4'-6	1'-7	1'-5½	1610	4620
20	15 42.9	4'-6	1'-7	1'-5½	1720	4650
22	18 54.7	4'-6	1'-10	1'-8½	2085	4740
24	18 54.7	4'-6	1'-10	1'-8½	2205	4770
26	18 54.7	4'-6	1'-10	1'-8½	2320	4800
28	20 65.4	4'-6	2'-0	1'-10½	2750	4905
30	20 65.4	4'-6	2'-0	1'-10½	2905	4945
32	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	3060	4985
34	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	3210	5020
36	18 54.7/ 9 C 13.4	4'-6	1'-10	1'-8½	3420	5075
38	18 54.7/ 9 C 13.4	5'-6	1'-10	1'-8½	3675	5130
40	18 54.7/ 9 C 13.4	5'-6	1'-10	1'-8½	3835	5170
42	18 54.7/10 C 15.3	5'-6	1'-10	1'-8½	4065	5225
44	18 54.7/10 C 15.3	5'-6	1'-10	1'-8½	4210	5265
46	18 54.7/12 C 20.7	5'-6	1'-10	1'-8½	4615	5365
48	20 65.4/10 C 15.3	5'-6	2'-0	1'-10½	5035	5470
50	20 65.4/10 C 15.3	5'-6	2'-0	1'-10½	5215	5510

Letter dimensions pertain to drawing "TRG".

"A" and "E" dimensions are to top of steel or top of handwheel, whichever is higher.

Wheel loads include no impact allowance and are based on hoist weights of: 3 ton - 350 lbs. 4 ton - 430 lbs.

Net weights do not include weight of hoist.

5 TON CAPACITY

10,000 LBS.

B = 5 C = 9½ D = 9½ P = 2'-0

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	4'-6	1'-7½	1'-1	1255	5615
12	10 25.4	4'-6	1'-7½	1'-1	1315	5630
14	12 31.8	4'-6	1'-9	1'-2½	1470	5665
16	15 42.9	4'-6	1'-7½	1'-6	1730	5735
18	15 42.9	4'-6	1'-7½	1'-6	1825	5755
20	18 54.7	4'-6	1'-10	1'-8½	2180	5845
22	18 54.7	4'-6	1'-10	1'-8½	2300	5875
24	20 65.4	4'-6	2'-0	1'-10½	2685	5975
26	20 65.4	4'-6	2'-0	1'-10½	2825	6005
28	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2995	6050
30	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	3150	6090
32	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	3270	6120
34	18 54.7/ 9 C 13.4	4'-6	1'-10	1'-8½	3490	6175
36	18 54.7/ 9 C 13.4	4'-6	1'-10	1'-8½	3630	6205
38	18 54.7/ 9 C 13.4	5'-6	1'-10	1'-8½	3905	6275
40	18 54.7/10 C 15.3	5'-6	1'-10	1'-8½	4145	6335
42	18 54.7/12 C 20.7	5'-6	1'-10	1'-8½	4525	6430
44	20 65.4/10 C 15.3	5'-6	2'-0	1'-10½	4930	6530
46	20 65.4/10 C 15.3	5'-6	2'-0	1'-10½	5095	6575
48	20 65.4/12 C 20.7	5'-6	2'-0	1'-10½	5530	6680
50	24 79.9/12 C 20.7	5'-6	2'-4	2'-2½	6565	6915

6 TON CAPACITY

12,000 LBS.

B = 5 C = 9½ D = 9½ P = 2'-0

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	4'-6	1'-7½	1'-1	1255	6615
12	12 31.8	4'-6	1'-9	1'-2½	1400	6650
14	15 42.9	4'-6	1'-7½	1'-6	1635	6710
16	15 42.9	4'-6	1'-7½	1'-6	1730	6735
18	18 54.7	4'-6	1'-10	1'-8½	2050	6815
20	18 54.7	4'-6	1'-10	1'-8½	2180	6845
22	20 65.4	4'-6	2'-0	1'-10½	2545	6935
24	20 65.4	4'-6	2'-0	1'-10½	2685	6970
26	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2850	7005
28	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2990	7045
30	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	3150	7085
32	18 54.7/ 9 C 13.4	4'-6	1'-10	1'-8½	3345	7135
34	18 54.7/ 9 C 13.4	4'-6	1'-10	1'-8½	3490	7175
36	18 54.7/10 C 15.3	4'-6	1'-10	1'-8½	3700	7225
38	20 65.4/ 9 C 13.4	5'-6	2'-0	1'-10½	4320	7380
40	20 65.4/10 C 15.3	5'-6	2'-0	1'-10½	4620	7455
42	20 65.4/10 C 15.3	5'-6	2'-0	1'-10½	4790	7500
44	20 65.4/12 C 20.7	5'-6	2'-0	1'-10½	5205	7600
46	20 65.4/12 C 20.7	5'-6	2'-0	1'-10½	5350	7635
48	24 79.9/10 C 15.3	5'-6	2'-4	2'-2½	5975	7795
50	24 79.9/12 C 20.7	5'-6	2'-4	2'-2½	6465	7915

Letter dimensions pertain to drawing "TRG".

"A" and "E" dimensions are to top of steel or top of handwheel, whichever is higher.

Wheel loads include no impact allowance and are based on hoist weights of: 5 ton - 600 lbs. 6 ton - 600 lbs.

Net weights do not include weight of hoist.

8 TON CAPACITY

B = 5 C = 9½ D = 9½ P = 2'-0

16,000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	4'-6	1'-9	1'-2½	1325	8650
12	15 42.9	4'-6	1'-7½	1'-6	1545	8705
14	15 42.9	4'-6	1'-7½	1'-6	1635	8725
16	18 54.7	4'-6	1'-10	1'-8½	1930	8800
18	18 54.7	4'-6	1'-10	1'-8½	2050	8830
20	20 65.4	4'-6	2'-0	1'-10½	2405	8920
22	20 65.4	4'-6	2'-0	1'-10½	2545	8955
24	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2705	8995
26	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2845	9040
28	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2985	9065
30	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	3135	9100
32	18 54.7/10 C 15.3	4'-6	1'-10	1'-8½	3495	9165
34	20 65.4/ 9 C 13.4	4'-6	2'-0	1'-10½	3865	9285
36	20 65.4/10 C 15.3	4'-6	2'-0	1'-10½	4085	9340
38	20 65.4/12 C 20.7	5'-6	2'-0	1'-10½	4615	9475
40	20 65.4/12 C 20.7	5'-6	2'-0	1'-10½	4810	9525
42	24 79.9/10 C 15.3	5'-6	2'-4	2'-2½	5395	9670
44	24 79.9/12 C 20.7	5'-6	2'-4	2'-2½	5835	9780
46	24 79.9/12 C 20.7	5'-6	2'-4	2'-2½	6045	9830
48	24 79.9/15 C 33.9	5'-6	2'-4	2'-2½	6900	10,045
50	24 79.9/15 C 33.9	5'-6	2'-4	2'-2½	7150	10,105

10 TON CAPACITY

B = 6 (5' thru 36' Span) C = 10 D = 10 P = 2'-0

20,000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

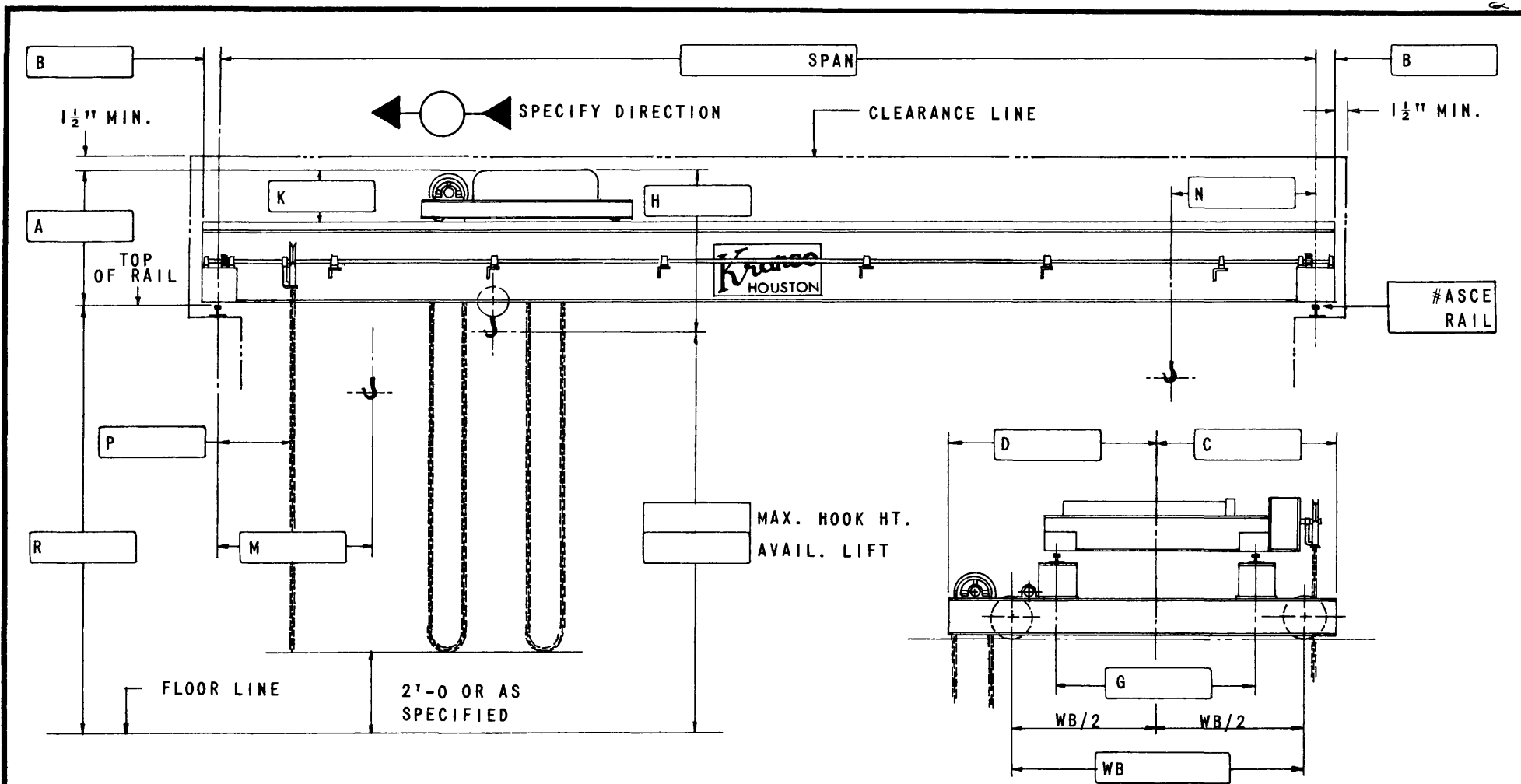
SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	4'-6	1'-9	1'-2½	1325	10,650
12	15 42.9	4'-6	1'-7½	1'-6	1545	10,705
14	18 54.7	4'-6	1'-10	1'-8½	1815	10,770
16	18 54.7	4'-6	1'-10	1'-8½	1930	10,800
18	20 65.4	4'-6	2'-0	1'-10½	2255	10,880
20	20 65.4	4'-6	2'-0	1'-10½	2405	10,920
22	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2555	10,955
24	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2705	10,995
26	18 54.7/ 8 C 11.5	4'-6	1'-10	1'-8½	2845	11,030
28	18 54.7/10 C 15.3	4'-6	1'-10	1'-8½	3095	11,090
30	20 65.4/ 9 C 13.4	4'-6	2'-0	1'-10½	3530	11,200
32	20 65.4/ 9 C 13.4	4'-6	2'-0	1'-10½	3695	11,160
34	20 65.4/10 C 15.3	4'-6	2'-0	1'-10½	3930	11,300
36	20 65.4/12 C 20.7	4'-6	2'-0	1'-10½	4300	11,390
38	24 79.9/10 C 15.3	5'-6	2'-4	2'-2½	5560	11,705
40	24 79.9/12 C 20.7	5'-6	2'-4	2'-2½	5995	11,820
42	24 79.9/12 C 20.7	5'-6	2'-4	2'-2½	6200	11,870
44	24 79.9/15 C 33.9	5'-6	2'-4	2'-2½	7005	12,070
46	24 79.9/15 C 33.9	5'-6	2'-4	2'-2½	7245	12,130
48	24 79.9/15 C 33.9	5'-6	2'-4	2'-2½	7480	12,190
50	24 90.0/15 C 33.9	5'-6	2'-4	2'-2½	8250	12,385

Letter dimensions pertain to drawing "TRG".

"A" and "E" dimensions are to top of steel or top of handwheel, whichever is higher.

Wheel loads include no impact allowance and are based on hoist weights of: 8 ton - 640 lbs., 10 ton - 640 lbs.

Net weights do not include weight of hoist.



CAPACITY _____
 WHEEL LOAD _____ (NO IMPACT)

TOTAL WEIGHT _____
 TROLLEY WEIGHT _____
 BRIDGE WEIGHT _____

HOIST _____
 TROLLEY _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

TOP RUNNING HAND GEARED DOUBLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. TRG-D	
REV. 6/67	

5 TON CAPACITY

10,000 LBS.

G=4'-6 H=3'-9 K=1'-7 M=2'-8 N=3'-0
TROLLEY WT. 2950 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	14WF30	6'-10	3'-1	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	5950	6480
25	16WF36	6'-10	3'-3	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	6665	6840
30	18WF50	6'-10	3'-5	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	8025	7345
35	21WF62	6'-10	3'-8	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	9490	7805
40	24WF76	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	11,445	8420
45	24WF84	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	13,050	8905
50	24WF94	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	15,045	9475
55	24WF100	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	16,765	9605
60	24WF110	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	19,120	10,510

7 1/2 TON CAPACITY

15,000 LBS.

G=4'-6 H=3'-9 K=1'-7 M=2'-8 N=3'-0
TROLLEY WT. 3150 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	16WF36	6'-10	3'-3	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	6405	8770
25	18WF50	6'-10	3'-5	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	7595	9365
30	21WF62	6'-10	3'-8	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	8970	9890
35	24WF76	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	10,690	10,470
40	24WF76	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	11,645	10,840
45	24WF94	6'-10	3'-11	4 ⁷ / ₈	4'-2 ¹ / ₂	4'-5	14,170	11,575
50	24WF100	6'-10	3'-11	5 ³ / ₄	4'-3	4'-9	16,495	12,225
55	24WF110	6'-10	3'-11	5 ³ / ₄	4'-3	4'-9	18,725	12,485
60	24WF120	6'-10	3'-11	5 ³ / ₄	4'-3	4'-9	21,180	13,555

10 TON CAPACITY

20,000 LBS.

G=5'-6 H=4'-0 K=1'-7 M=2'-8 N=3'-0
TROLLEY WT. 3300 LBS.

RECOMMENDED RAIL: 30 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	16WF40	7'-10	3'-3	4 ⁷ / ₈	4'-8 ¹ / ₂	4'-11	6730	10,995
25	18WF50	7'-10	3'-5	4 ⁷ / ₈	4'-8 ¹ / ₂	4'-11	7755	11,640
30	21WF62	7'-10	3'-8	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	9770	12,385
35	24WF76	7'-10	3'-11	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	11,495	13,005
40	24WF84	7'-10	3'-11	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	13,100	13,570
45	24WF100	7'-10	3'-11	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	15,520	14,275
50	24WF110	7'-10	3'-11	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	16,680	14,675
55	24WF120	7'-10	3'-11	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	20,010	15,585
60	24WF130	7'-10	3'-11	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	22,560	16,325

Letter dimensions pertain to drawing "TRG-D"

Clearances are based on use of two speed wire rope hand hoists with 25'-0 lift. Chain hoists can be supplied but clearances are affected.

15 TON CAPACITY

30,000 LBS.

G=5'-6 H=4'-3 K=1'-8 M=2'-8 N=3'-0

TROLLEY WT. 3450 LBS.

RECOMMENDED RAIL: 30 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	18WF50	7'-10	3'-7	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	7940	15,265
25	21WF62	7'-10	3'-10	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	9165	16,125
30	24WF76	7'-10	4'-1	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	10,785	16,935
35	24WF94	7'-10	4'-1	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	12,945	17,780
40	24WF100	7'-10	4'-1	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	14,565	18,400
45	24WF110	7'-10	4'-1	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	16,590	19,085
50	24WF130	7'-10	4'-1	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	19,870	20,055
55	27WF145	7'-10	4'-4	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	22,955	20,935
60	27WF160	7'-10	4'-4	5 ³ / ₄	4'-9 ¹ / ₂	5'-3	26,370	21,950

20 TON CAPACITY

40,000 LBS.

G=6'-0 H=4'-9 K=1'-10 M=2'-10 N=3'-3

TROLLEY WT. 3450 LBS.

RECOMMENDED RAIL: 40 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	21WF62	8'-4	4'-0	5 ³ / ₄	5'-0 ¹ / ₂	5'-6	9,115	19,900
25	24WF76	8'-4	4'-3	5 ³ / ₄	5'-0 ¹ / ₂	5'-6	10,595	20,990
30	24WF84	8'-4	4'-3	5 ³ / ₄	5'-0 ¹ / ₂	5'-6	12,015	21,880
35	24WF100	8'-4	4'-3	5 ³ / ₄	5'-0 ¹ / ₂	5'-6	14,135	22,740
40	24WF110	8'-4	4'-3	5 ³ / ₄	5'-0 ¹ / ₂	5'-6	16,120	23,550
45	24WF130	8'-4	4'-3	5 ³ / ₄	5'-0 ¹ / ₂	5'-6	19,190	24,545
50	27WF145	8'-8	4'-6	6 ⁷ / ₈	5'-4	5'-11 ¹ / ₄	23,475	25,810
55	27WF160	8'-8	4'-6	6 ⁷ / ₈	5'-4	5'-11 ¹ / ₄	26,730	26,805
60	30WF172	8'-8	4'-9	6 ⁷ / ₈	5'-4	5'-11 ¹ / ₄	29,960	27,755

25 TON CAPACITY

50,000 LBS.

G=7'-0 H=4'-9 K=1'-10 M=2'-10 N=3'-3

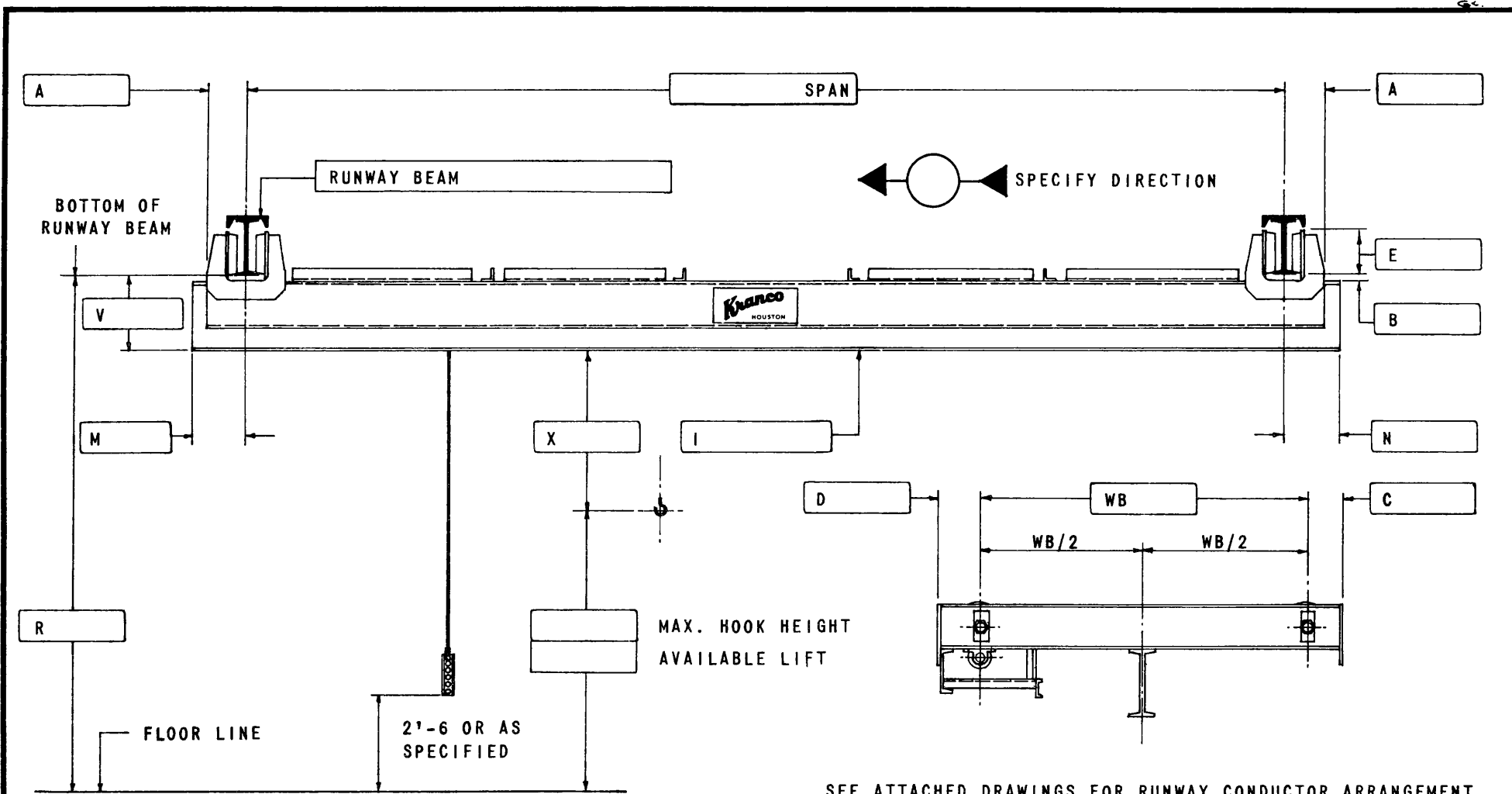
TROLLEY WT. 4200 LBS.

RECOMMENDED RAIL: 40 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	21WF62	9'-8	4'-0	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	10,605	24,420
25	24WF84	9'-8	4'-3	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	12,500	25,825
30	24WF100	9'-8	4'-3	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	14,495	27,020
35	24WF100	9'-8	4'-3	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	15,625	27,730
40	24WF110	9'-8	4'-3	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	17,610	28,570
45	24WF130	9'-8	4'-3	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	20,680	29,570
50	27WF145	9'-8	4'-6	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	23,675	30,610
55	27WF160	9'-8	4'-6	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	26,930	31,605
60	30WF172	9'-8	4'-9	6 ⁷ / ₈	5'-10	6'-5 ¹ / ₄	30,160	32,605

Letter dimensions pertain to drawing "TRG-D"

Clearances are based on use of two speed wire rope hand hoists with 25'-0 lift. Chain hoists can be supplied but clearances are affected.



SEE ATTACHED DRAWINGS FOR RUNWAY CONDUCTOR ARRANGEMENT

CAPACITY _____	WHEEL LOAD _____ (NO IMPACT)	HOIST _____
WEATHERPROOF _____ INDOORS _____	HOIST WEIGHT _____	TROLLEY _____
POWER SUPPLY _____	BRIDGE WEIGHT _____	PUSHBUTTON _____
(SPECIFY ONE VOLTAGE ONLY)	TOTAL WEIGHT _____	PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS

UNDERHUNG ELECTRIC SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO.	UHE-S
REV. 6/67	

1 TON CAPACITY

2000 LBS.

A = 8 B = 1⁵/₈ C = 6⁷/₈ D = 9³/₈ E = 7³/₈ M, N = 1'-0" RUNWAY: 6" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	v	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	6'-0	9 ⁵ / ₈	1/2	1570	1665
12	8 18.4	6'-0	9 ⁵ / ₈	1/2	1650	1685
14	8 18.4	6'-0	9 ⁵ / ₈	1/2	1820	1730
16	8 18.4	6'-0	9 ⁵ / ₈	1/2	1895	1750
18	10 25.4	6'-0	11 ⁵ / ₈	1/2	2115	1805
20	10 25.4	6'-0	11 ⁵ / ₈	1/2	2205	1825
22	10 25.4	6'-0	11 ⁵ / ₈	1/2	2295	1850
24	10 25.4	6'-0	11 ⁵ / ₈	1/2	2385	1870
26	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2655	1940
28	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2855	1990
30	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	3080	2045
32	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	3570	2170
34	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	3700	2200
36	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	4035	2285
38	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	4280	2345
40	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	4420	2380
42	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	5245	2585
44	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	6010	2780
46	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	6205	2825
48	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	6400	2875
50	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	6595	2925

1 1/2 TON CAPACITY

3000 LBS.

A = 8 B = 1⁵/₈ C = 6⁷/₈ D = 9³/₈ E = 7³/₈ M, N = 1'-0" RUNWAY: 6" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	v	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	6'-0	9 ⁵ / ₈	1/2	1570	2165
12	8 18.4	6'-0	9 ⁵ / ₈	1/2	1650	2185
14	8 18.4	6'-0	9 ⁵ / ₈	1/2	1820	2230
16	10 25.4	6'-0	11 ⁵ / ₈	1/2	2025	2280
18	10 25.4	6'-0	11 ⁵ / ₈	1/2	2115	2305
20	10 25.4	6'-0	11 ⁵ / ₈	1/2	2205	2325
22	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2450	2385
24	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2555	2415
26	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2655	2440
28	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	3190	2570
30	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	3435	2635
32	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	3570	2670
34	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	3700	2700
36	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	4035	2785
38	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	4750	2965
40	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	4915	3005
42	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	5245	3085
44	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	6010	3280
46	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	6205	3325
48	20 65.4	8'-0	1'-9 ⁵ / ₈	3/4	6935	3510
50	20 65.4	8'-0	1'-9 ⁵ / ₈	3/4	7150	3565

Letter dimensions pertain to drawing "UHE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 1 ton-550 lbs., 1 1/2 ton-550 lbs.
Net weights do not include weight of hoist.

2 TON CAPACITY

4000 LBS.

A = 8 B = 15/8 C = 67/8 D = 93/8 E = 73/8 M, N = 1'-0 RUNWAY: 8" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	8 18.4	6'-0	9 ⁵ / ₈	1/2	1570	2665
12	8 18.4	6'-0	9 ⁵ / ₈	1/2	1650	2685
14	10 25.4	6'-0	11 ⁵ / ₈	1/2	1930	2760
16	10 25.4	6'-0	11 ⁵ / ₈	1/2	2025	2780
18	10 25.4	6'-0	11 ⁵ / ₈	1/2	2115	2805
20	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2345	2860
22	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2450	2885
24	12 31.8	6'-0	1'-1 ⁵ / ₈	1/2	2555	2915
26	15 42.9	6'-0	1'-4 ⁵ / ₈	1/2	2965	3015
28	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	3190	3070
30	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	3435	3135
32	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	3570	3170
34	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	3700	3200
36	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	4485	3395
38	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	4750	3465
40	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	4915	3505
42	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	5245	3585
44	18 54.7	8'-0	1'-7 ⁵ / ₈	3/4	6010	3780
46	20 65.4	8'-0	1'-9 ⁵ / ₈	3/4	6720	3955
48	20 65.4	8'-0	1'-9 ⁵ / ₈	1	6935	4010
50	20 65.4	8'-0	1'-9 ⁵ / ₈	1	7150	4065

3 TON CAPACITY

6000 LBS.

A = 8 B = 15/8 C = 67/8 D = 93/8 E = 73/8 M, N = 1'-0 RUNWAY: 8" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	6'-0	11 ⁵ / ₈	3/4	1655	3965
12	10 25.4	6'-0	11 ⁵ / ₈	3/4	1745	3985
14	10 25.4	6'-0	11 ⁵ / ₈	3/4	1930	4035
16	12 31.8	6'-0	1'-1 ⁵ / ₈	3/4	2140	4085
18	12 31.8	6'-0	1'-1 ⁵ / ₈	3/4	2240	4110
20	12 31.8	6'-0	1'-1 ⁵ / ₈	3/4	2345	4135
22	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	2715	4230
24	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	2840	4260
26	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	2965	4290
28	15 42.9	6'-0	1'-4 ⁵ / ₈	3/4	3190	4350
30	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	3810	4505
32	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	3970	4545
34	18 54.7	6'-0	1'-7 ⁵ / ₈	3/4	4125	4580
36	18 54.7	6'-0	1'-7 ⁵ / ₈	1	4485	4670
38	18 54.7	6'-0	1'-7 ⁵ / ₈	1	4750	4740
40	20 65.4	6'-0	1'-9 ⁵ / ₈	1	5365	4890
42	20 65.4	8'-0	1'-9 ⁵ / ₈	1	5715	4980
44	20 65.4	8'-0	1'-9 ⁵ / ₈	1	6505	5175
46	24 79.9	8'-0	2'-1 ⁵ / ₈	1	7415	5405
48	24 79.9	8'-0	2'-1 ⁵ / ₈	1	7660	5465
50	24 79.9	8'-0	2'-1 ⁵ / ₈	1	7905	5525

Letter dimensions pertain to drawing "UHE-S"
Wheel loads include no impact allowance and are based on hoist weights of: 2 ton-550 lbs., 3 ton-1100 lbs.
Net weights do not include weight of hoist.

4 TON CAPACITY

8000 LBS.

A = 8¹/₄ B = 1⁵/₈ C = 7 D = 9¹/₂ E = 9⁵/₈ M, N = 1'-0" RUNWAY: 10" to 20" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	6'-0	1' 1 ⁵ / ₈	1	2170	5145
12	10 25.4	6'-0	1' 1 ⁵ / ₈	1	2260	5165
14	12 31.8	6'-0	1'-1 ⁵ / ₈	1	2550	5240
16	12 31.8	6'-0	1'-1 ⁵ / ₈	1	2650	5265
18	12 31.8	6'-0	1'-1 ⁵ / ₈	1	2755	5290
20	15 42.9	6'-0	1'-4 ⁵ / ₈	1	3105	5375
22	15 42.9	6'-0	1'-4 ⁵ / ₈	1	3230	5410
24	15 42.9	6'-0	1'-4 ⁵ / ₈	1	3355	5440
26	15 42.9	6'-0	1'-4 ⁵ / ₈	1	3480	5470
28	18 54.7	6'-0	1'-7 ⁵ / ₈	1	4055	5615
30	18 54.7	6'-0	1'-7 ⁵ / ₈	1	4325	5680
32	18 54.7	6'-0	1'-7 ⁵ / ₈	1	4480	5720
34	18 54.7	6'-0	1'-7 ⁵ / ₈	1	4640	5760
36	20 65.4	6'-0	1'-9 ⁵ / ₈	1 ¹ / ₂	5405	5950
38	20 65.4	6'-0	1'-9 ⁵ / ₈	1 ¹ / ₂	5690	6025
40	20 65.4	6'-0	1'-9 ⁵ / ₈	1 ¹ / ₂	5880	6070
42	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	6895	6325
44	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	7710	6520
46	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	7960	6590
48	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	8205	6650
50	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	8450	6715

5 TON CAPACITY

10,000 LBS.

A = 8¹/₄ B = 1⁵/₈ C = 7 D = 9¹/₂ E = 9⁵/₈ M, N = 1'-0" RUNWAY: 10" to 20" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	6'-0	1'-1 ⁵ / ₈	1	2245	6235
12	12 31.8	6'-0	1'-1 ⁵ / ₈	1	2350	6265
14	12 31.8	6'-0	1'-1 ⁵ / ₈	1 ¹ / ₂	2550	6315
16	12 31.8	6'-0	1'-1 ⁵ / ₈	1 ¹ / ₂	2650	6340
18	15 42.9	6'-0	1'-4 ⁵ / ₈	1 ¹ / ₂	2980	6420
20	15 42.9	6'-0	1'-4 ⁵ / ₈	1 ¹ / ₂	3105	6450
22	15 42.9	6'-0	1'-4 ⁵ / ₈	1 ¹ / ₂	3230	6485
24	18 54.7	6'-0	1'-7 ⁵ / ₈	1 ¹ / ₂	3660	6590
26	18 54.7	6'-0	1'-7 ⁵ / ₈	1 ¹ / ₂	3810	6630
28	18 54.7	6'-0	1'-7 ⁵ / ₈	1 ¹ / ₂	4055	6690
30	18 54.7	6'-0	1'-7 ⁵ / ₈	1 ¹ / ₂	4325	6755
32	20 65.4	6'-0	1'-9 ⁵ / ₈	1 ¹ / ₂	4850	6890
34	20 65.4	6'-0	1'-9 ⁵ / ₈	1 ¹ / ₂	5025	6930
36	20 65.4	6'-0	1'-9 ⁵ / ₈	1 ¹ / ₂	5405	7025
38	24 79.9	6'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	6270	7245
40	24 79.9	6'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	6490	7300
42	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	6895	7400
44	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	7710	7595
46	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	7960	7665
48	24 79.9	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	8205	7725
50	24 79.9/10 C 15.3	8'-0	2'-1 ⁵ / ₈	1 ¹ / ₂	8910	7910

Letter dimensions pertain to drawing "UHE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 4 ton-1200 lbs., 5 ton-1350 lbs.
Net weights do not include weight of hoist.

6 TON CAPACITY

12,000 LBS.

A = 8¼ B = 1⅝ C = 7 D = 9½ E = 9⅝ M, N = 1'-0 RUNWAY: 10" to 20" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	6'-0	1'-15/8	1½	2245	7360
12	12 31.8	6'-0	1'-15/8	1½	2350	7390
14	12 31.8	6'-0	1'-15/8	1½	2550	7440
16	15 42.9	6'-0	1'-45/8	1½	2850	7515
18	15 42.9	6'-0	1'-45/8	1½	2980	7545
20	15 42.9	6'-0	1'-45/8	1½	3105	7575
22	15 42.9	6'-0	1'-45/8	1½	3230	7610
24	18 54.7	6'-0	1'-75/8	1½	3660	7715
26	18 54.7	6'-0	1'-75/8	1½	3810	7755
28	18 54.7	6'-0	1'-75/8	1½	4055	7815
30	20 65.4	6'-0	1'-95/8	1½	4670	7970
32	20 65.4	6'-0	1'-95/8	1½	4850	8015
34	20 65.4	6'-0	1'-95/8	1½	5025	8055
36	24 79.9	6'-0	2'-15/8	1½	5955	8290
38	24 79.9	6'-0	2'-15/8	1½	6270	8370
40	24 79.9	6'-0	2'-15/8	1½	6690	8475
42	24 79.9	8'-0	2'-15/8	2	7670	8720
44	24 79.9	8'-0	2'-15/8	2	7910	8780
46	24 79.9	8'-0	2'-15/8	2	8160	8840
48	24 79.9/10 C 15.3	8'-0	2'-15/8	2	8730	8990
50	24 79.9/10 C 15.3	8'-0	2'-15/8	2	9110	9090

7½ TON CAPACITY

15,000 LBS.

A=10 B=1⅝ C=8 D=10½ E=11⅝ M, N=1'-3 RUNWAY: 12" to 24" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	15 42.9	6'-0	1'-45/8	2	2945	9335
12	15 42.9	6'-0	1'-45/8	2	3070	9370
14	15 42.9	6'-0	1'-45/8	2	3290	9425
16	15 42.9	6'-0	1'-45/8	2	3420	9455
18	15 42.9	6'-0	1'-45/8	2	3545	9485
20	18 54.7	6'-0	1'-75/8	2	3935	9585
22	18 54.7	6'-0	1'-75/8	2	4085	9620
24	18 54.7	6'-0	1'-75/8	2	4530	9730
26	18 54.7	6'-0	1'-75/8	2	4690	9775
28	20 65.4	6'-0	1'-95/8	2	5265	9915
30	20 65.4	6'-0	1'-95/8	2	5445	9960
32	24 79.9	6'-0	2'-15/8	2	6305	10,175
34	24 79.9	6'-0	2'-15/8	2	6525	10,230
36	24 79.9	6'-0	2'-15/8	2	6740	10,285
38	24 79.9	6'-0	2'-15/8	2	7055	10,365
40	24 79.9	6'-0	2'-15/8	2	7275	10,420
42	24 79.9/10 C 15.3	8'-0	2'-15/8	2	8800	10,835
44	24 79.9/10 C 15.3	8'-0	2'-15/8	3	9050	10,860
46	24 79.9/12 C 20.7	8'-0	2'-15/8	3	9440	10,960
48	24 79.9/15 C 33.9	8'-0	2'-15/8	3	10,150	11,130
50	24 105.9/12 C 20.7	8'-0	2'-15/8	3	11,340	11,450

Letter dimensions pertain to drawing "UHE-S"
Wheel loads include no impact allowance and are based on hoist weights of: 6 ton-1600 lbs., 7½ ton 2200 lbs.
Net weights do not include weight of hoist.

KRANCO, INC.

UNDERHUNG ELECTRIC SINGLE GIRDER CRANES

TYPE
UHE-S

10 TON CAPACITY

A=10 B=1⁵/₈ C=8 D=10¹/₂ E=11⁵/₈ M, N=1'-3

20,000 LBS.

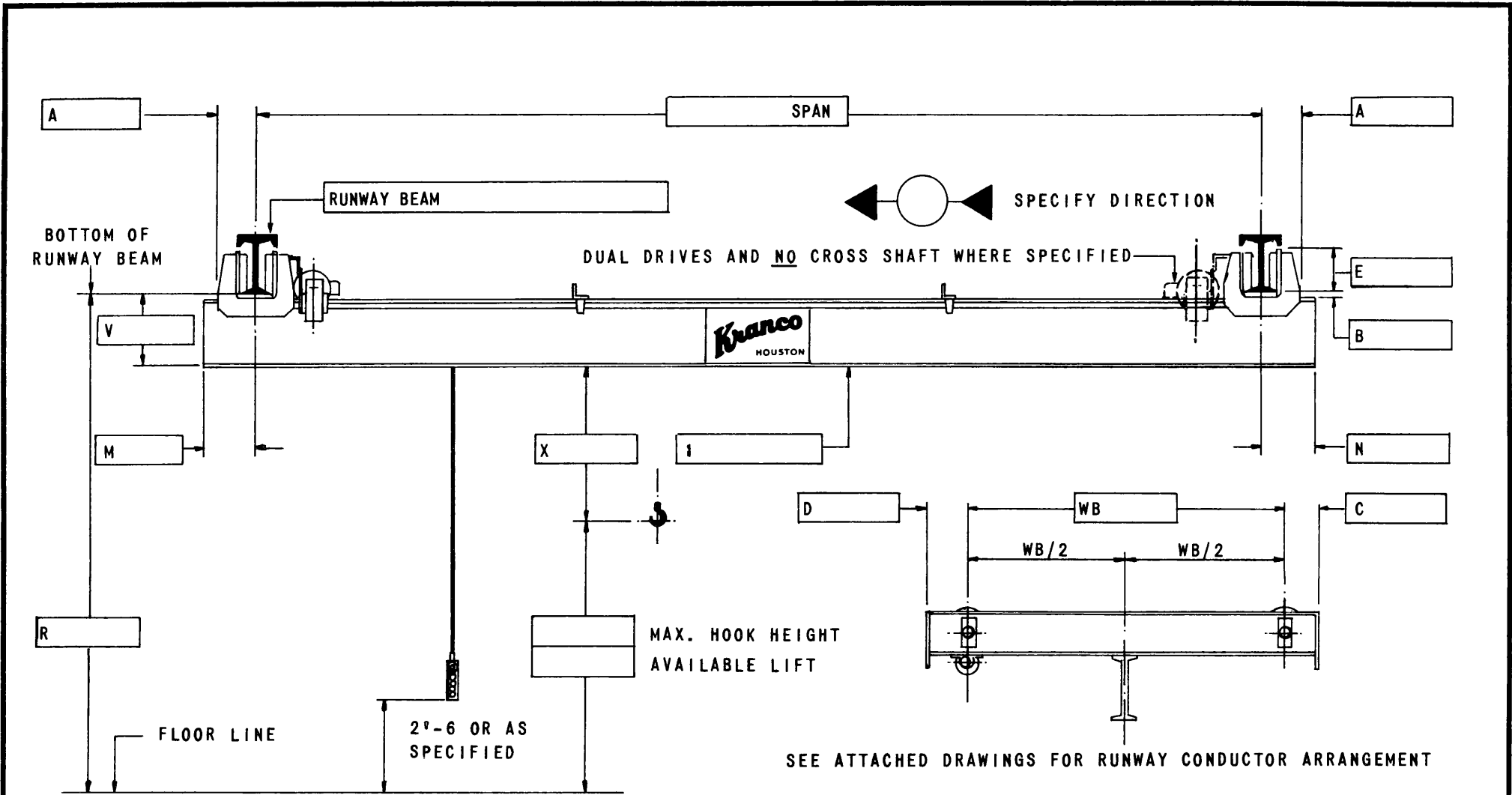
RUNWAY: 12" to 24" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	15 42.9	6'-0	1'-4 ⁵ / ₈	2	3145	12,185
12	15 42.9	6'-0	1'-4 ⁵ / ₈	2	3270	12,220
14	18 54.7	6'-0	1'-7 ⁵ / ₈	3	3585	12,320
16	18 54.7	6'-0	1'-7 ⁵ / ₈	3	3835	12,360
18	18 54.7	6'-0	1'-7 ⁵ / ₈	3	3985	12,395
20	18 54.7	6'-0	1'-7 ⁵ / ₈	3	4135	12,435
22	20 65.4	6'-0	1'-9 ⁵ / ₈	3	4545	12,535
24	20 65.4	6'-0	1'-9 ⁵ / ₈	3	4815	12,605
26	20 65.4	6'-0	1'-9 ⁵ / ₈	3	4995	12,650
28	24 79.9	6'-0	2'-1 ⁵ / ₈	3	5710	12,830
30	24 79.9	6'-0	2'-1 ⁵ / ₈	3	5915	12,880
32	24 79.9	6'-0	2'-1 ⁵ / ₈	3	6305	12,975
34	24 79.9	6'-0	2'-1 ⁵ / ₈	3	6525	13,030
36	24 79.9/10 C 15.3	6'-0	2'-1 ⁵ / ₈	3	7290	13,220
38	24 79.9/10 C 15.3	6'-0	2'-1 ⁵ / ₈	3	7540	13,310
40	24 79.9/10 C 15.3	6'-0	2'-1 ⁵ / ₈	3	7760	13,370
42	24 90.0/12 C 20.7	8'-0	2'-1 ⁵ / ₈	3	9300	13,780
44	24 105.9/12 C 20.7	8'-0	2'-1 ⁵ / ₈	3	10,300	14,050
46	24 105.9/12 C 20.7	8'-0	2'-1 ⁵ / ₈	3	10,550	14,100
48	24 105.9/15 C 33.9	8'-0	2'-1 ⁵ / ₈	3	11,350	14,350
50	24 120/15 C 33.9	8'-0	2'-1 ⁵ / ₈	3	12,500	14,600

Letter dimensions pertain to drawing "UHE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 10 ton-2800 lbs.

Net weights do not include weight of hoist.



CAPACITY _____ WHEEL LOAD _____ (NO IMPACT) HOIST _____
 WEATHERPROOF _____ INDOORS _____ HOIST WEIGHT _____ TROLLEY _____
 POWER SUPPLY _____ BRIDGE WEIGHT _____ PUSHBUTTON _____
 (SPECIFY ONE VOLTAGE ONLY) TOTAL WEIGHT _____ PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS

UNDERHUNG ELECTRIC SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. UHE-SC	
REV. 1/70	

1 TON CAPACITY

2000 LBS.

A=8 B=1 $\frac{5}{8}$ C=6 $\frac{7}{8}$ D=9 $\frac{3}{8}$ E=7 $\frac{3}{8}$ M,N=1'-0

RUNWAY: 8" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	10 25.4	6-0	11 $\frac{5}{8}$	1/2	1480	1620
20	10 25.4	6-0	11 $\frac{5}{8}$	1/2	1640	1660
25	12 31.8	6-0	1-1 $\frac{5}{8}$	1/2	2000	1750
30	15 42.9	6-0	1-4 $\frac{5}{8}$	1/2	2540	1885
35	15 42.9/8 C 11.5	6-0	1-4 $\frac{5}{8}$	1/2	3110	2030
40	15 42.9/8 C 11.5	6-0	1-4 $\frac{5}{8}$	1/2	3410	2100
45	15 42.9/8 C 11.5	8-0	1-4 $\frac{5}{8}$	2@1/2	3650	2160
50	18 54.7/8 C 11.5	8-0	1-7 $\frac{3}{8}$	2@1/2	4540	2380
55	18 54.7/9 C 13.4	8-0	1-7 $\frac{3}{8}$	2@1/2	4960	2485

2 TON CAPACITY

4000 LBS.

A=8 B=1 $\frac{5}{8}$ C=6 $\frac{7}{8}$ D=9 $\frac{3}{8}$ E=7 $\frac{3}{8}$ M,N=1'-0

RUNWAY: 8" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	10 25.4	6-0	11 $\frac{5}{8}$	1/2	1480	2620
20	12 31.8	6-0	1-1 $\frac{5}{8}$	1/2	1780	2695
25	15 42.9	6-0	1-4 $\frac{5}{8}$	1/2	2300	2825
30	15 42.9/8 C 11.5	6-0	1-4 $\frac{5}{8}$	1/2	2780	2945
35	15 42.9/8 C 11.5	6-0	1-4 $\frac{5}{8}$	1/2	3110	3025
40	15 42.9/9 C 13.4	6-0	1-4 $\frac{5}{8}$	1/2	3470	3115
45	18 54.7/9 C 13.4	8'-0	1-7 $\frac{3}{8}$	2@1/2	4260	3315
50	20 65.4/9 C 13.4	8'-0	1-9 $\frac{3}{8}$	2@1/2	5160	3540
55	20 65.4/10 C 15.3	8'-0	1-9 $\frac{3}{8}$	2@1/2	5645	4910

3 TON CAPACITY

6000 LBS.

A=8 B=1 $\frac{5}{8}$ C=6 $\frac{7}{8}$ D=9 $\frac{3}{8}$ E=7 $\frac{3}{8}$ M,N=1'-0

RUNWAY: 8" to 15" STD. I BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	12 31.8	6-0	1-1 $\frac{5}{8}$	3/4	1595	3900
20	15 42.9	6-0	1-4 $\frac{5}{8}$	3/4	2030	4010
25	15 42.9/8 C 11.5	6-0	1-4 $\frac{5}{8}$	3/4	2485	4125
30	18 54.7/8 C 11.5	6-0	1-7 $\frac{3}{8}$	3/4	3165	4295
35	18 54.7/9 C 13.4	6-0	1-7 $\frac{3}{8}$	3/4	3600	4400
40	20 65.4/9 C 13.4	6-0	1-9 $\frac{3}{8}$	3/4	4420	4605
45	20 65.4/9 C 13.4	8-0	1-9 $\frac{3}{8}$	2@1/2	4770	4695
50	20 65.4/10 C 15.3	8-0	1-9 $\frac{3}{8}$	2@1/2	5235	4810
55	20 65.4/10 C 15.3	8-0	1-9 $\frac{3}{8}$	2@1/2	5645	4910

Letter dimensions pertain to drawing "UHE-SC"

Wheel loads include no impact allowance and are based on hoist weights of:

1 ton-500 lbs., 2 ton-500 lbs., 3 ton-1000 lbs.

Net weights do not include weight of hoist.

5 TON CAPACITY

10,000 LBS.

A=8¹/₄* B=1⁵/₈* C=7* D=9¹/₂* E=9⁵/₈* M,N=1-0

RUNWAY: 10" to 20" STD. 1 BEAMS*

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	15 42.9	6-0	1-4 ⁵ / ₈	1	1790	6050
20	18 54.7	6-0	1-7 ⁵ / ₈	1	2290	6175
25	18 54.7/8 C 11.5	6-0	1-7 ⁵ / ₈	1	2810	6305
30	18 54.7/10 C 15.3	6-0	1-7 ⁵ / ₈	1	3250	6415
35	20 65.4/9 C 13.4	6-0	1-9 ⁵ / ₈	1	4000	6600
40	20 65.4/10 C 15.3	6-0	1-9 ⁵ / ₈	1 ¹ / ₂	5010	6850
45	24 79.9/10 C 15.3	8-0	2-1 ⁵ / ₈	2@ ³ / ₄	6060	7110
50	24 79.9/12 C 20.7	8-0	2-1 ⁵ / ₈	2@ ³ / ₄	6740	7280
55	24 79.9/15 C 33.9	8-0	2-1 ⁵ / ₈	2@ ³ / ₄	7775	7540

7¹/₂ TON CAPACITY

15,000 LBS.

A=10* B=1⁵/₈* C=8* D=10¹/₂* E=11⁵/₈* M,N=1-3

RUNWAY: 12" to 24" STD. 1 BEAMS*

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	18 54.7	6-0	1-7 ⁵ / ₈	1 ¹ / ₂	2515	8930
20	20 65.4	6-0	1-9 ⁵ / ₈	1 ¹ / ₂	3050	9060
25	20 65.4/9 C 13.4	6-0	1-9 ⁵ / ₈	1 ¹ / ₂	3660	9210
30	20 65.4/9 C 13.4	6-0	1-9 ⁵ / ₈	1 ¹ / ₂	4075	9315
35	20 65.4/12 C 20.7	6-0	1-9 ⁵ / ₈	1 ¹ / ₂	4715	9475
40	24 79.9/10 C 15.3	6-0	2-1 ⁵ / ₈	2@1	6000	9795
45	24 79.9/15 C 33.9	8-0	2-1 ⁵ / ₈	2@1	7215	10100
50	24 90/15 C 33.9	8-0	2-1 ⁵ / ₈	2@1	8315	10375

10 TON CAPACITY

20,000 LBS.

A=10 B=1⁵/₈ C=8 D=10¹/₂ E=11⁵/₈ M,N=1-3

RUNWAY: 12" to 24" STD. 1 BEAMS

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	V	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	20 65.4	6-0	1-9 ⁵ / ₈	2@1	3260	11820
20	20 65.4/9 C 13.4	6-0	1-9 ⁵ / ₈	2@1	3740	11940
25	20 65.4/9 C 13.4	6-0	1-9 ⁵ / ₈	2@1	4140	12040
30	20 65.4/12 C 20.7	6-0	1-9 ⁵ / ₈	2@1	4700	12180
35	24 79.9/10 C 15.3	6-0	2-1 ⁵ / ₈	2@1 ¹ / ₂	5540	12390
40	24 79.9/15 C 33.9	6-0	2-1 ⁵ / ₈	2@1 ¹ / ₂	6600	12650
45	24 105/12 C 20.7	8-0	2-1 ⁵ / ₈	2@1 ¹ / ₂	8050	13010
50	24 105/15 C 33.9	8-0	2-1 ⁵ / ₈	2@1 ¹ / ₂	9160	13785

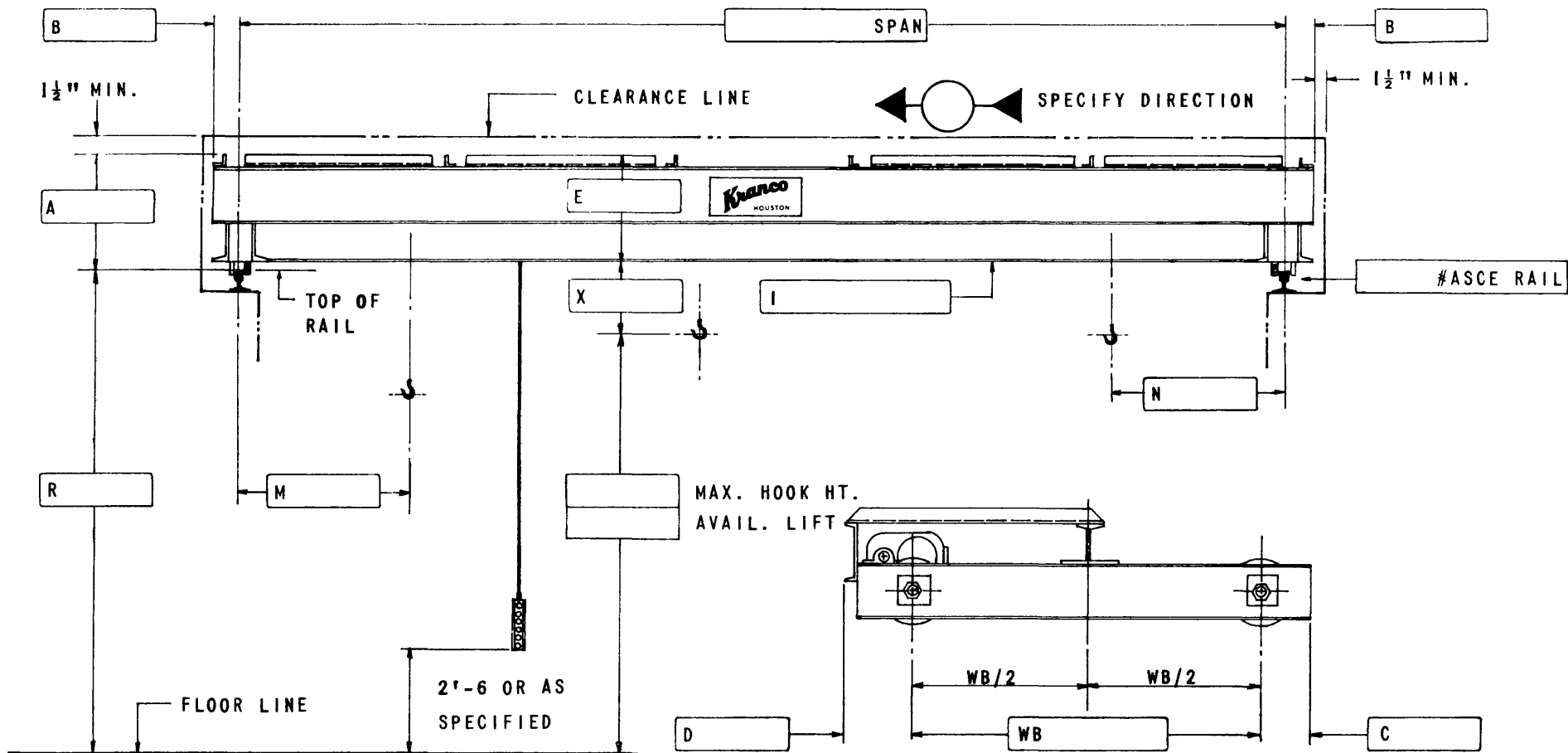
Letter dimensions pertain to drawing "UHE-SC"

Wheel loads include no impact allowance and are based on hoist weights of:

5-ton-1200 lbs., 7¹/₂-ton-1600 lbs., 10 ton-2000 lbs.

Net weights do not include weight of hoist.

*A, B, C, D, and E dimensions for 5-ton cranes thru 35'-0 span are the same as shown for 3-ton cranes and will operate on the same size runway beams. A, B, C, D, and E dimensions for 7¹/₂-ton cranes thru 35'-0 span are the same as shown for 5-ton cranes and will operate on the same size runway beams.



SEE ATTACHED DRAWINGS FOR RUNWAY CONDUCTOR ARRANGEMENT

CAPACITY _____	WHEEL LOAD _____ (NO IMPACT)	HOIST _____
WEATHERPROOF _____ INDOORS _____	HOIST WEIGHT _____	TROLLEY _____
POWER SUPPLY _____	BRIDGE WEIGHT _____	PUSHBUTTON _____
(SPECIFY ONE VOLTAGE ONLY)	TOTAL WEIGHT _____	PAINT _____

	BY	DATE	SCALE	KRANCO, INC. HOUSTON, TEXAS TOP RUNNING ELECTRIC SINGLE GIRDER CRANE	ESTIMATE NO.
DRAWN			NTS		JOB NO.
CHK'D					DRAWING NO. TRE-S
APPR.					REV. 6/67

1 TON CAPACITY

2000 LBS.

B=4½ C=9½ D=1'-1½

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	6'-0	1'-4½	1'-1	½	1680	1695
12	10 25.4	6'-0	1'-4½	1'-1	½	1770	1720
14	10 25.4	6'-0	1'-4½	1'-1	½	1955	1765
16	10 25.4	6'-0	1'-4½	1'-1	½	2045	1785
18	10 25.4	6'-0	1'-4½	1'-1	½	2140	1810
20	10 25.4	6'-0	1'-4½	1'-1	½	2230	1830
22	10 25.4	6'-0	1'-4½	1'-1	½	2320	1855
24	10 25.4	6'-0	1'-4½	1'-1	½	2410	1880
26	12 31.8	6'-0	1'-4½	1'-3	½	2675	1945
28	12 31.8	6'-0	1'-4½	1'-3	½	2875	1995
30	12 31.8	6'-0	1'-4½	1'-3	½	2980	2020
32	15 42.9	6'-0	1'-7½	1'-6	½	3575	2170
34	15 42.9	6'-0	1'-7½	1'-6	½	3710	2200
36	15 42.9	6'-0	1'-7½	1'-6	½	4045	2285
38	15 42.9	6'-0	1'-7½	1'-6	¾	4285	2345
40	15 42.9	6'-0	1'-7½	1'-6	¾	4430	2380
42	18 54.7	8'-0	1'-10½	1'-9	¾	5265	2590
44	18 54.7	8'-0	1'-10½	1'-9	¾	6025	2780
46	18 54.7	8'-0	1'-10½	1'-9	¾	6220	2830
48	18 54.7	8'-0	1'-10½	1'-9	¾	6410	2880
50	18 54.7	8'-0	1'-10½	1'-9	¾	6605	2925

1½ TON CAPACITY

3000 LBS.

B=4½ C=9½ D=1'-1½

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	6'-0	1'-4½	1'-1	½	1680	2195
12	10 25.4	6'-0	1'-4½	1'-1	½	1770	2220
14	10 25.4	6'-0	1'-4½	1'-1	½	1955	2265
16	10 25.4	6'-0	1'-4½	1'-1	½	2045	2285
18	10 25.4	6'-0	1'-4½	1'-1	½	2140	2310
20	10 25.4	6'-0	1'-4½	1'-1	½	2230	2330
22	12 31.8	6'-0	1'-4½	1'-3	½	2465	2390
24	12 31.8	6'-0	1'-4½	1'-3	½	2570	2420
26	12 31.8	6'-0	1'-4½	1'-3	½	2675	2445
28	15 42.9	6'-0	1'-7½	1'-6	¾	3195	2575
30	15 42.9	6'-0	1'-7½	1'-6	¾	3440	2635
32	15 42.9	6'-0	1'-7½	1'-6	¾	3575	2670
34	15 42.9	6'-0	1'-7½	1'-6	¾	3710	2700
36	15 42.9	6'-0	1'-7½	1'-6	¾	4045	2785
38	18 54.7	6'-0	1'-10½	1'-9	¾	4745	2960
40	18 54.7	6'-0	1'-10½	1'-9	¾	4910	3005
42	18 54.7	8'-0	1'-10½	1'-9	¾	5265	3090
44	18 54.7	8'-0	1'-10½	1'-9	¾	6025	3280
46	18 54.7	8'-0	1'-10½	1'-9	¾	6220	3330
48	20 65.4	8'-0	2'-0½	1'-11	1	6935	3510
50	20 65.4	8'-0	2'-0½	1'-11	1	7150	3565

Letter dimensions pertain to drawing "TRE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 1 ton-550 lbs., 1½ ton-550 lbs. Net weights do not include weight of hoist.

2 TON CAPACITY

B=4½ C=9½ D=1'-1½

4000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	6'-0	1'-4½	1'-1	¾	1680	2695
12	10 25.4	6'-0	1'-4½	1'-1	¾	1770	2720
14	10 25.4	6'-0	1'-4½	1'-1	¾	1955	2765
16	10 25.4	6'-0	1'-4½	1'-1	¾	2045	2785
18	10 25.4	6'-0	1'-4½	1'-1	¾	2140	2810
20	12 31.8	6'-0	1'-4½	1'-3	¾	2370	2865
22	12 31.8	6'-0	1'-4½	1'-3	¾	2465	2890
24	12 31.8	6'-0	1'-4½	1'-3	¾	2570	2920
26	15 42.9	6'-0	1'-7½	1'-6	¾	2975	3020
28	15 42.9	6'-0	1'-7½	1'-6	¾	3195	3075
30	15 42.9	6'-0	1'-7½	1'-6	¾	3440	3135
32	15 42.9	6'-0	1'-7½	1'-6	¾	3575	3170
34	15 42.9	6'-0	1'-7½	1'-6	¾	3710	3200
36	18 54.7	6'-0	1'-10½	1'-9	¾	4480	3395
38	18 54.7	6'-0	1'-10½	1'-9	¾	4745	3460
40	18 54.7	6'-0	1'-10½	1'-9	¾	4910	3505
42	18 54.7	8'-0	1'-10½	1'-9	¾	5265	3590
44	18 54.7	8'-0	1'-10½	1'-9	1	6025	3780
46	20 65.4	8'-0	2'-0½	1'-11	1	6680	3950
48	20 65.4	8'-0	2'-0½	1'-11	1	6935	4010
50	20 65.4	8'-0	2'-0½	1'-11	1	7150	4065

3 TON CAPACITY

B=4½* C=9½ D=1'-1½

6000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	10 25.4	6'-0	1'-4½	1'-1	¾	1680	3970
12	10 25.4	6'-0	1'-4½	1'-1	¾	1770	3995
14	10 25.4	6'-0	1'-4½	1'-1	¾	1955	4040
16	12 31.8	6'-0	1'-4½	1'-3	¾	2155	4090
18	12 31.8	6'-0	1'-4½	1'-3	¾	2260	4115
20	12 31.8	6'-0	1'-4½	1'-3	¾	2370	4145
22	15 42.9	6'-0	1'-7½	1'-6	¾	2720	4230
24	15 42.9	6'-0	1'-7½	1'-6	¾	2850	4260
26	15 42.9	6'-0	1'-7½	1'-6	1	2975	4295
28	15 42.9	6'-0	1'-7½	1'-6	1	3195	4350
30	18 54.7	6'-0	1'-10½	1'-9	1	3805	4500
32	18 54.7	6'-0	1'-10½	1'-9	1	3965	4540
34	18 54.7	6'-0	1'-10½	1'-9	1	4120	4580
36	18 54.7	6'-0	1'-10½	1'-9	1	4480	4670
38	18 54.7	6'-0	1'-10½	1'-9	1	4745	4735
40	20 65.4	6'-0	2'-0½	1'-11	1	5350	4890
42	20 65.4	8'-0	2'-0½	1'-11	1	5715	4980
44	20 65.4	8'-0	2'-0½	1'-11	1½	6505	5175
46	24 79.9	8'-0	2'-4½	2'-3	1½	7400	5400
48	24 79.9	8'-0	2'-4½	2'-3	1½	7650	5460
50	24 79.9	8'-0	2'-4½	2'-3	1½	7890	5525

* For 3-ton capacity, spans 42'-0 and above, B=5"
Letter dimensions pertain to drawing "TRE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 2 ton-550 lbs., 3 ton-1100 lbs.
Net weights do not include weight of hoist.

4 TON CAPACITY

B=5 C=9½ D=1'-1½

8000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	6'-0	1'-6½	1'-3	1	1960	5090
12	12 31.8	6'-0	1'-6½	1'-3	1	2060	5115
14	12 31.8	6'-0	1'-6½	1'-3	1	2265	5165
16	12 31.8	6'-0	1'-6½	1'-3	1	2370	5190
18	12 31.8	6'-0	1'-6½	1'-3	1	2470	5220
20	15 42.9	6'-0	1'-7½	1'-6	1	2810	5300
22	15 42.9	6'-0	1'-7½	1'-6	1	2935	5335
24	15 42.9	6'-0	1'-7½	1'-6	1	3060	5365
26	15 42.9	6'-0	1'-7½	1'-6	1	3185	5395
28	18 54.7	6'-0	1'-10½	1'-9	1½	3750	5540
30	18 54.7	6'-0	1'-10½	1'-9	1½	4020	5605
32	18 54.7	6'-0	1'-10½	1'-9	1½	4175	5645
34	18 54.7	6'-0	1'-10½	1'-9	1½	4335	5685
36	20 65.4	6'-0	2'-0½	1'-11	1½	5090	5870
38	20 65.4	6'-0	2'-0½	1'-11	1½	5375	5945
40	20 65.4	6'-0	2'-0½	1'-11	1½	5560	5990
42	24 79.9	8'-0	2'-4½	2'-3	1½	6580	6245
44	24 79.9	8'-0	2'-4½	2'-3	1½	7400	6450
46	24 79.9	8'-0	2'-4½	2'-3	1½	7645	6510
48	24 79.9	8'-0	2'-4½	2'-3	1½	7890	6575
50	24 79.9	8'-0	2'-4½	2'-3	1½	8135	6635

5 TON CAPACITY

B=5 C=9½ D=1'-1½

10,000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	6'-0	1'-6½	1'-3	1½	1960	6165
12	12 31.8	6'-0	1'-6½	1'-3	1½	2060	6190
14	12 31.8	6'-0	1'-6½	1'-3	1½	2265	6240
16	12 31.8	6'-0	1'-6½	1'-3	1½	2370	6265
18	15 42.9	6'-0	1'-7½	1'-6	1½	2680	6345
20	15 42.9	6'-0	1'-7½	1'-6	1½	2810	6375
22	15 42.9	6'-0	1'-7½	1'-6	1½	2935	6410
24	18 54.7	6'-0	1'-10½	1'-9	1½	3355	6515
26	18 54.7	6'-0	1'-10½	1'-9	1½	3505	6550
28	18 54.7	6'-0	1'-10½	1'-9	1½	3750	6615
30	18 54.7	6'-0	1'-10½	1'-9	1½	4020	6680
32	20 65.4	6'-0	2'-0½	1'-11	1½	4530	6810
34	20 65.4	6'-0	2'-0½	1'-11	1½	4705	6850
36	20 65.4	6'-0	2'-0½	1'-11	1½	5090	6945
38	24 79.9	6'-0	2'-4½	2'-3	1½	5940	7160
40	24 79.9	6'-0	2'-4½	2'-3	1½	6155	7215
42	24 79.9	8'-0	2'-4½	2'-3	1½	6580	7320
44	24 79.9	8'-0	2'-4½	2'-3	1½	7400	7525
46	24 79.9	8'-0	2'-4½	2'-3	1½	7645	7585
48	24 79.9	8'-0	2'-4½	2'-3	2	7890	7650
50	24 79.9/10 C 15.3	8'-0	2'-4½	2'-3	2	8650	7830

Letter dimensions pertain to drawing "TRE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 4 ton-1200 lbs., 5 ton-1350 lbs.
Net weights do not include weight of hoist.

6 TON CAPACITY

B = 5 C = 9½ D = 1'-11½

12,000 LBS.

RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	12 31.8	6'-0	1'-6½	1'-3	1½	1960	7290
12	12 31.8	6'-0	1'-6½	1'-3	1½	2060	7315
14	12 31.8	6'-0	1'-6½	1'-3	1½	2265	7365
16	15 42.9	6'-0	1'-7½	1'-6	1½	2555	7440
18	15 42.9	6'-0	1'-7½	1'-6	1½	2680	7470
20	15 42.9	6'-0	1'-7½	1'-6	1½	2810	7500
22	15 42.9	6'-0	1'-7½	1'-6	1½	2935	7535
24	18 54.7	6'-0	1'-10½	1'-9	1½	3355	7640
26	18 54.7	6'-0	1'-10½	1'-9	1½	3505	7675
28	18 54.7	6'-0	1'-10½	1'-9	1½	3750	7740
30	20 65.4	6'-0	2'-0½	1'-11	1½	4350	7890
32	20 65.4	6'-0	2'-0½	1'-11	1½	4530	7935
34	20 65.4	6'-0	2'-0½	1'-11	1½	4705	7975
36	24 79.9	6'-0	2'-4½	2'-3	1½	5625	8205
38	24 79.9	6'-0	2'-4½	2'-3	2	5940	8285
40	24 79.9	6'-0	2'-4½	2'-3	2	6360	8340
42	24 79.9	8'-0	2'-4½	2'-3	2	7340	8590
44	24 79.9	8'-0	2'-4½	2'-3	2	7600	8650
46	24 79.9	8'-0	2'-4½	2'-3	2	7850	8700
48	24 79.9/10 C 15.3	8'-0	2'-4½	2'-3	2	8560	8940
50	24 79.9/10 C 15.3	8'-0	2'-4½	2'-3	2	8900	9025

7½ TON CAPACITY

B = 5¾ C = 10 D = 1'-3

15,000 LBS.

RECOMMENDED RAIL: 30 LB. ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	15 42.9	6'-0	1'-8½	1'-6	2	2615	9255
12	15 42.9	6'-0	1'-8½	1'-6	2	2740	9285
14	15 42.9	6'-0	1'-8½	1'-6	2	2965	9340
16	15 42.9	6'-0	1'-8½	1'-6	2	3090	9370
18	15 42.9	6'-0	1'-8½	1'-6	2	3215	9405
20	18 54.7	6'-0	1'-10½	1'-9	2	3590	9495
22	18 54.7	6'-0	1'-10½	1'-9	2	3735	9535
24	18 54.7	6'-0	1'-10½	1'-9	2	4185	9645
26	18 54.7	6'-0	1'-10½	1'-9	2	4340	9685
28	20 65.4	6'-0	2'-0½	1'-11	2	4905	9825
30	20 65.4	6'-0	2'-0½	1'-11	2	5080	9870
32	24 79.9	6'-0	2'-4½	2'-3	2	5920	10,080
34	24 79.9	6'-0	2'-4½	2'-3	2	6140	10,135
36	24 79.9	6'-0	2'-4½	2'-3	2	6355	10,190
38	24 79.9	6'-0	2'-4½	2'-3	2	6670	10,270
40	24 79.9	6'-0	2'-4½	2'-3	2	6890	10,325
42	24 79.9/10 C 15.3	8'-0	2'-4½	2'-3	3	8575	10,745
44	24 79.9/10 C 15.3	8'-0	2'-4½	2'-3	3	8850	10,815
46	24 79.9/12 C 20.7	8'-0	2'-4½	2'-3	3	9170	10,890
48	24 79.9/15 C 33.9	8'-0	2'-4½	2'-3	3	9990	11,100
50	24 105.9/12 C 20.7	8'-0	2'-4½	2'-3	3	11,050	11,350

Letter dimensions pertain to drawing "TRE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 6 ton-1600 lbs., 7½ ton 2200 lbs.

Net weights do not include weight of hoist.

KRANCO, INC.

TOP RUNNING ELECTRIC SINGLE GIRDER CRANES

TYPE
TRE-S

10 TON CAPACITY

20,000 LBS.

B=5³/₄ C=10 D=1'-3

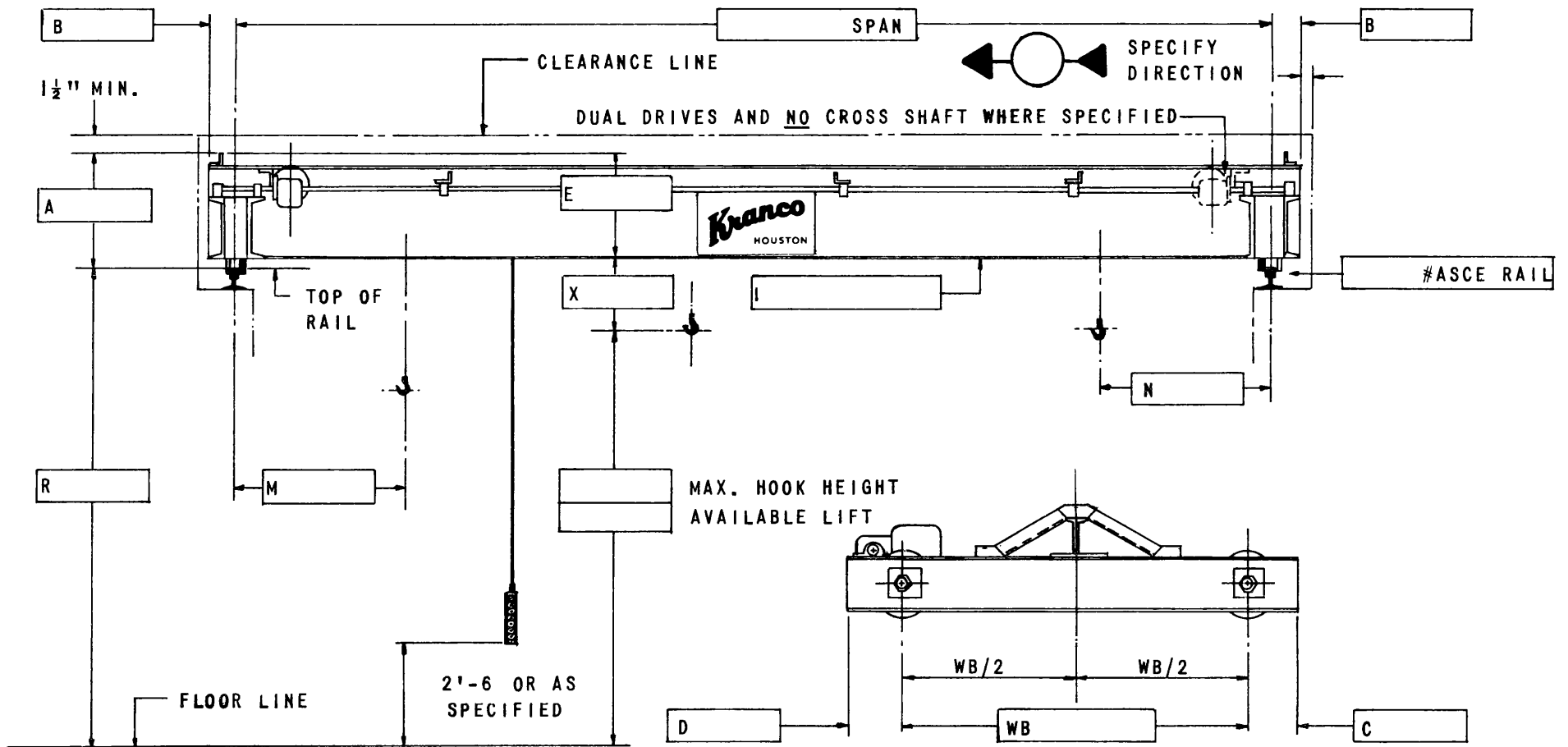
RECOMMENDED RAIL: 30 LB. ASCE

SPAN (Ft)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H. P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
10	15 42.9	6'-0	1'-8 ¹ / ₂	1'-6	2	2815	12,105
12	15 42.9	6'-0	1'-8 ¹ / ₂	1'-6	3	2940	12,135
14	18 54.7	6'-0	1'-10 ¹ / ₂	1'-9	3	3340	12,235
16	18 54.7	6'-0	1'-10 ¹ / ₂	1'-9	3	3490	12,275
18	18 54.7	6'-0	1'-10 ¹ / ₂	1'-9	3	3640	12,310
20	18 54.7	6'-0	1'-10 ¹ / ₂	1'-9	3	3790	12,345
22	20 65.4	6'-0	2'-0 ¹ / ₂	1'-11	3	4180	12,445
24	20 65.4	6'-0	2'-0 ¹ / ₂	1'-11	3	4450	12,515
26	20 65.4	6'-0	2'-0 ¹ / ₂	1'-11	3	4630	12,560
28	24 79.9	6'-0	2'-4 ¹ / ₂	2'-3	3	5325	12,730
30	24 79.9	6'-0	2'-4 ¹ / ₂	2'-3	3	5530	12,785
32	24 79.9	6'-0	2'-4 ¹ / ₂	2'-3	3	5920	12,880
34	24 79.9	6'-0	2'-4 ¹ / ₂	2'-3	3	6140	12,935
36	24 79.9/10 C 15.3	6'-0	2'-4 ¹ / ₂	2'-3	3	6905	13,125
38	24 79.9/10 C 15.3	6'-0	2'-4 ¹ / ₂	2'-3	3	7250	13,215
40	24 79.9/10 C 15.3	6'-0	2'-4 ¹ / ₂	2'-3	3	7450	13,275
42	24 90.0/12 C 20.7	8'-0	2'-4 ¹ / ₂	2'-3	3	9000	13,700
44	24 105.9/12 C 20.7	8'-0	2'-4 ¹ / ₂	2'-3	3	9950	13,950
46	24 105.9/12 C 20.7	8'-0	2'-4 ¹ / ₂	2'-3	3	10,190	14,000
48	24 105.9/15 C 33.9	8'-0	2'-4 ¹ / ₂	2'-3	3	11,020	14,270
50	24 120/15 C 33.9	8'-0	2'-4 ¹ / ₂	2'-3	3	12,150	14,510

Letter dimensions pertain to drawing "TRE-S"

Wheel loads include no impact allowance and are based on hoist weights of: 10 ton-2800 lbs.

Net weights do not include weight of hoist.



SEE ATTACHED DRAWINGS FOR RUNWAY CONDUCTOR ARRANGEMENT

CAPACITY _____	WHEEL LOAD _____ (NO IMPACT)	HOIST _____
WEATHERPROOF _____ INDOORS _____	HOIST WEIGHT _____	TROLLEY _____
POWER SUPPLY _____	BRIDGE WEIGHT _____	PUSHBUTTON _____
(SPECIFY ONE VOLTAGE ONLY)	TOTAL WEIGHT _____	PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS

TOP RUNNING ELECTRIC SINGLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO.	TRE-SC
REV. 1/70	

1 TON CAPACITY

B=4½" C=9½" D=1-1½"

2000 LBS.
RECOMMENDED RAIL: 25# ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H.P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	10 25.4	6-0	1-4½	1-1	½	1499	1457
20	10 25.4	6-0	1-4½	1-1	½	1653	1539
25	12 31.8	6-0	1-4½	1-3	½	2004	1651
30	15 42.9	6-0	1-7½	1-6	½	2535	1849
35	15 42.9/8 C 11.5	6-0	1-7½	1-6	½	3101	1953
40	15 42.9/8 C 11.5	6-0	1-7½	1-6	½	3403	2038
45	15 42.9/8 C 11.5	8-0	1-7½	1-6	2@½	3653	2108
50	18 54.7/8 C 11.5	8-0	1-10½	1-9	2@½	4528	2332
55	18 54.7/9 C 13.4	8-0	1-10½	1-9	2@½	4944	2441

2 TON CAPACITY

B=4½" C=9½" D=1-1½"

4000 LBS.
RECOMMENDED RAIL: 25# ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H.P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	10 25.4	6-0	1-4½	1-1	½	1499	2325
20	12 31.8	6-0	1-4½	1-3	½	1788	2472
25	15 42.9	6-0	1-7½	1-6	½	2292	2638
30	15 42.9/8 C 11.5	6-0	1-7½	1-6	¾	2782	2796
35	15 42.9/8 C 11.5	6-0	1-7½	1-6	¾	3106	2891
40	15 42.9/9 C 13.4	6-0	1-7½	1-6	¾	3466	3004
45	18 54.7/9 C 13.4	8-0	1-10½	1-9	2@½	4245	3211
50	20 65.4/9 C 13.4	8-0	2-0½	1-11	2@½	5149	3447
55	20 65.4/10 C 15.3	8-0	2-0½	1-11	2@½	5620	3570

3 TON CAPACITY

B=4½" C=9½" D=1-1½"

6000 LBS.
RECOMMENDED RAIL: 25# ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H.P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	12 31.8	6-0	1-4½	1-3	¾	1605	3436
20	15 42.9	6-0	1-7½	1-6	¾	2025	3656
25	15 42.9/8 C 11.5	6-0	1-7½	1-6	¾	2481	3840
30	18 54.7/8 C 11.5	6-0	1-10½	1-9	¾	3147	4056
35	18 54.7/9 C 13.4	6-0	1-10½	1-9	¾	3580	4195
40	20 65.4/9 C 13.4	6-0	2-0½	1-11	1	4390	4422
45	20 65.4/9 C 13.4	8-0	2-0½	1-11	2@½	4835	4558
50	20 65.4/10 C 15.3	8-0	2-0½	1-11	2@½	5216	4664
55	20 65.4/10 C 15.3	8-0	2-0½	1-11	2@½	5620	4780

Letter dimensions pertain to drawing "TRE-SC"

Wheel loads include no impact allowance and are based on hoist weights of:

1 ton-500 lbs., 2 ton-500 lbs., 3 ton-1000 lbs.

Net weights do not include weight of hoist.

5 TON CAPACITY

B=4½" C=9½" D=1-1½"

10,000 LBS.
RECOMMENDED RAIL: 25#ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H.P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	15 42.9	6-0	1-7½	1-6	1	1788	5297
20	18 54.7	6-0	1-10½	1-9	1	2277	5619
25	18 54.7/8 C 11.5	6-0	1-10½	1-9	1	2790	5847
30	18 54.7/10 C 15.3	6-0	1-10½	1-9	1½	3236	6034
35	20 65.4/9 C 13.4	6-0	2-0½	1-11	1½	3975	6318
40	20 65.4/10 C 15.3	6-0	2-0½	1-11	1½	4460	6440
45	24 79.9/10 C 15.3	8-0	2-4½	2-3	2@¾	5487	6721
50	24 79.9/12 C 20.7	8-0	2-4½	2-3	2@¾	6155	6913
55	24 79.9/15 C 33.9	8-0	2-4½	2-3	2@¾	7194	7198

7½ TON CAPACITY

B=5" C=9½" D=1-1½"

15,000 LBS.
RECOMMENDED RAIL: 30#ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H.P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	18 54.7	6-0	1-10½	1-9	1½	2215	7753
20	20 65.4	6-0	2-0½	1-11	1½	2735	8158
25	20 65.4/9 C 13.4	6-0	2-0½	1-11	1½	3339	8470
30	20 65.4/9 C 13.4	6-0	2-0½	1-11	1½	3984	8746
35	20 65.4/12 C 20.7	6-0	2-0½	1-11	2@1	4284	8896
40	24 79.9/10 C 15.3	6-0	2-4½	2-3	2@1	5153	9163
45	24 79.9/15 C 33.9	8-0	2-4½	2-3	2@1	6311	9502
50	24 79.9/15 C 33.9	8-0	2-4½	2-3	2@1	7388	9822

10 TON CAPACITY

B=5¾* C=10* D=1-3*

20,000 LBS.
RECOMMENDED RAIL: 30#ASCE

SPAN (Ft.)	BRIDGE BEAM I Beam/Channel Cap	WHEEL BASE	A	E	MOTOR H.P.	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
15	20 65.4	6-0	2-0½	1-11	2@1	2468	9417
20	20 65.4/9 C 13.4	6-0	2-0½	1-11	2@1	2736	10034
25	20 65.4/9 C 13.4	6-0	2-0½	1-11	2@1	3276	10494
30	20 65.4/12 C 20.7	6-0	2-0½	1-11	2@1	4069	10917
35	24 79.9/10 C 15.3	6-0	2-4½	2-3	2@1	4669	11217
40	24 79.9/15 C 33.9	6-0	2-4½	2-3	2@1	5742	11610
45	24 105/12 C 20.7	8-0	2-4½	2-3	2@1½	7666	12191
50	24 105/15 C 33.9	8-0	2-4½	2-3	2@1½	8593	12473

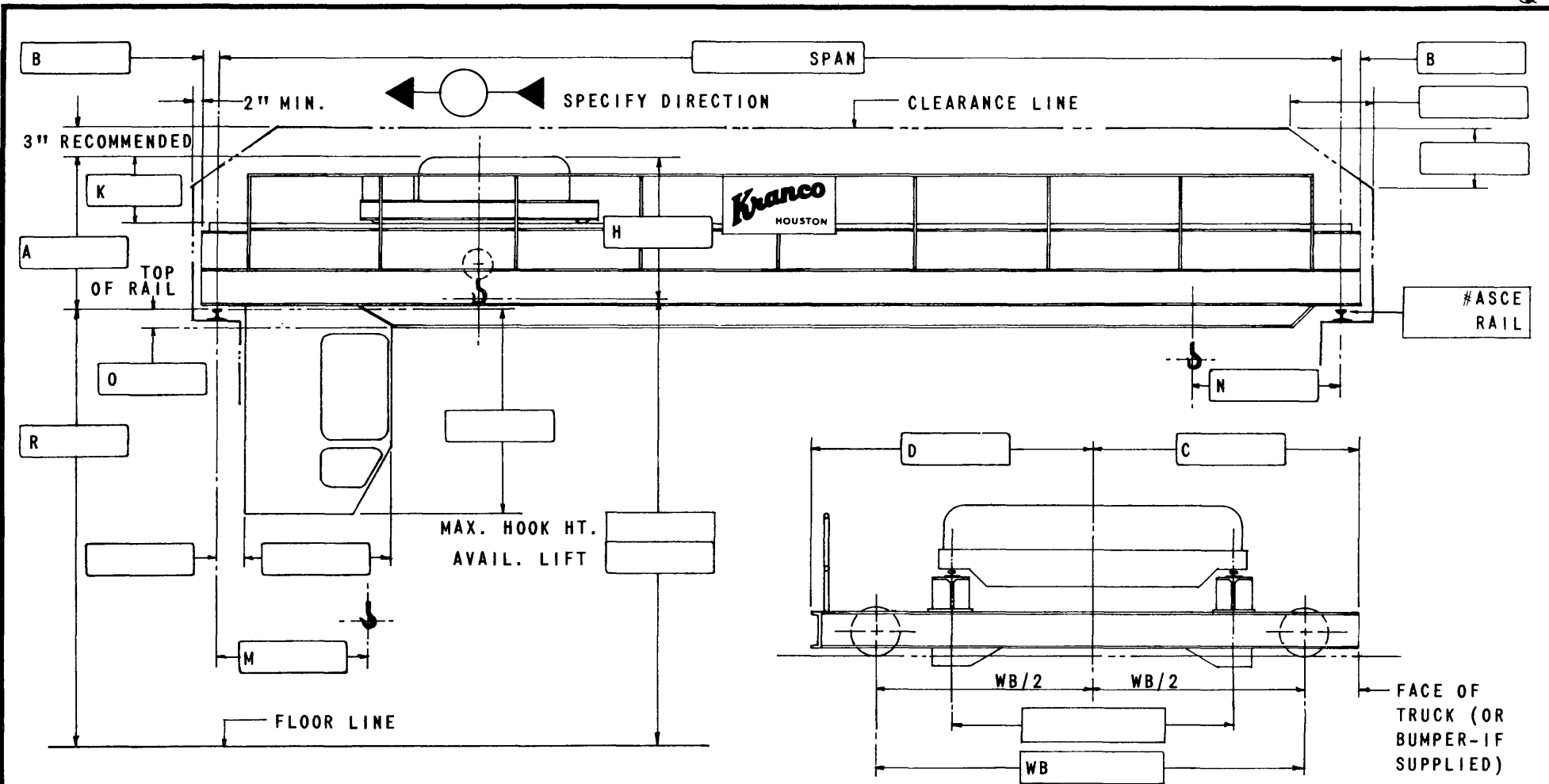
Letter dimensions pertain to drawing "TRE-SC"

Wheel loads include no impact allowance and are based on hoist weights of:

5 ton-1200 lbs., 7½ ton-1600 lbs., 10 ton-2000 lbs.

Net weights do not include weight of hoist.

*B, C, & D dimensions for 10 ton cranes thru 40'-0 span are the same as the 7½ ton cranes.



SEE ATTACHED DRAWINGS FOR RUNWAY CONDUCTOR ARRANGEMENT

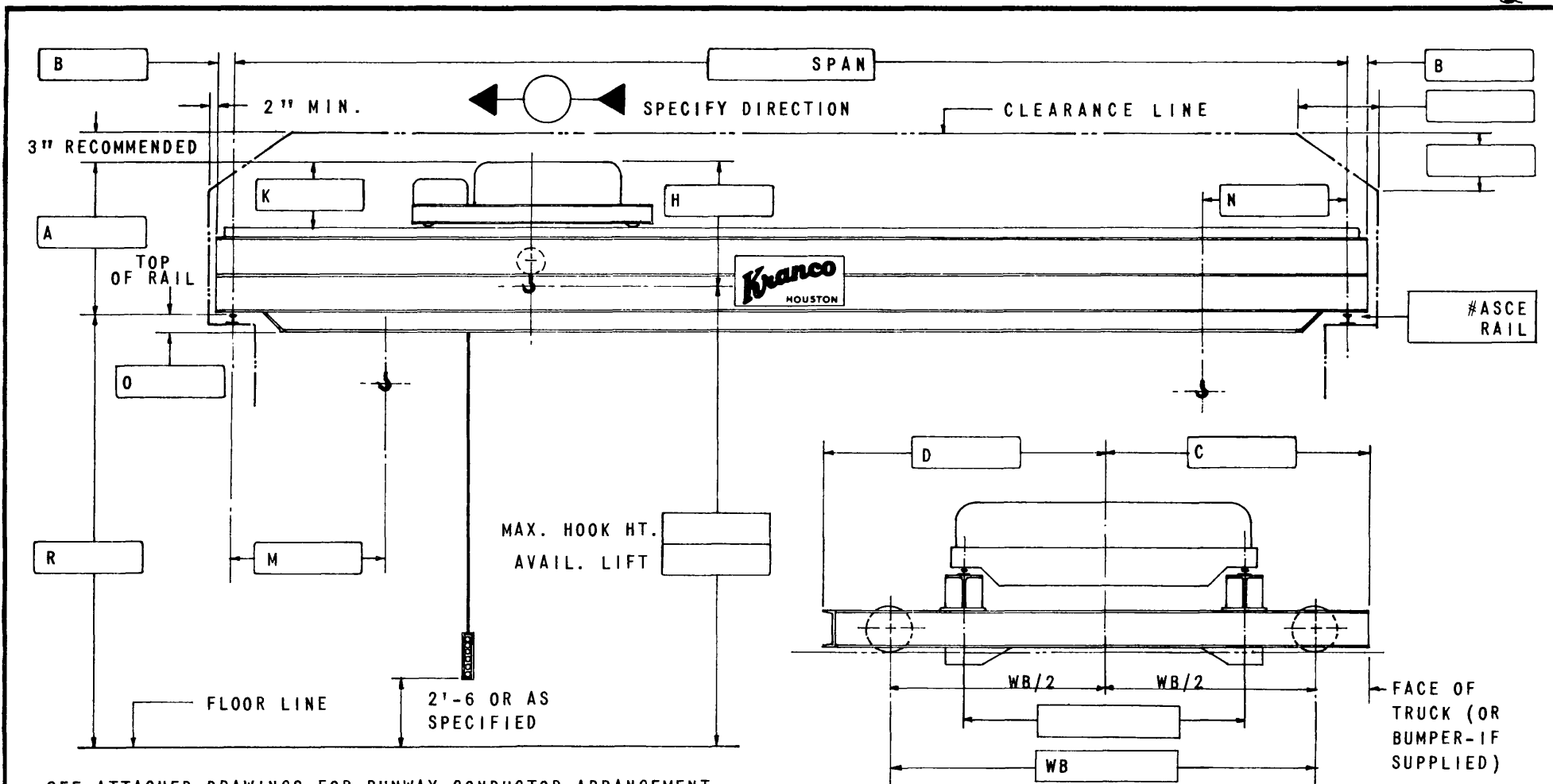
CAPACITY _____	WHEEL LOAD _____ (NO IMPACT)
WEATHERPROOF _____ INDOORS _____	TROLLEY WEIGHT _____
POWER SUPPLY _____	BRIDGE WEIGHT _____
(SPECIFY ONE VOLTAGE ONLY)	TOTAL WEIGHT _____
	HOIST _____
	CONTROL _____
	PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS

TOP RUNNING ELECTRIC DOUBLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. TRE-D	
REV. 6/67	EC-W



SEE ATTACHED DRAWINGS FOR RUNWAY CONDUCTOR ARRANGEMENT

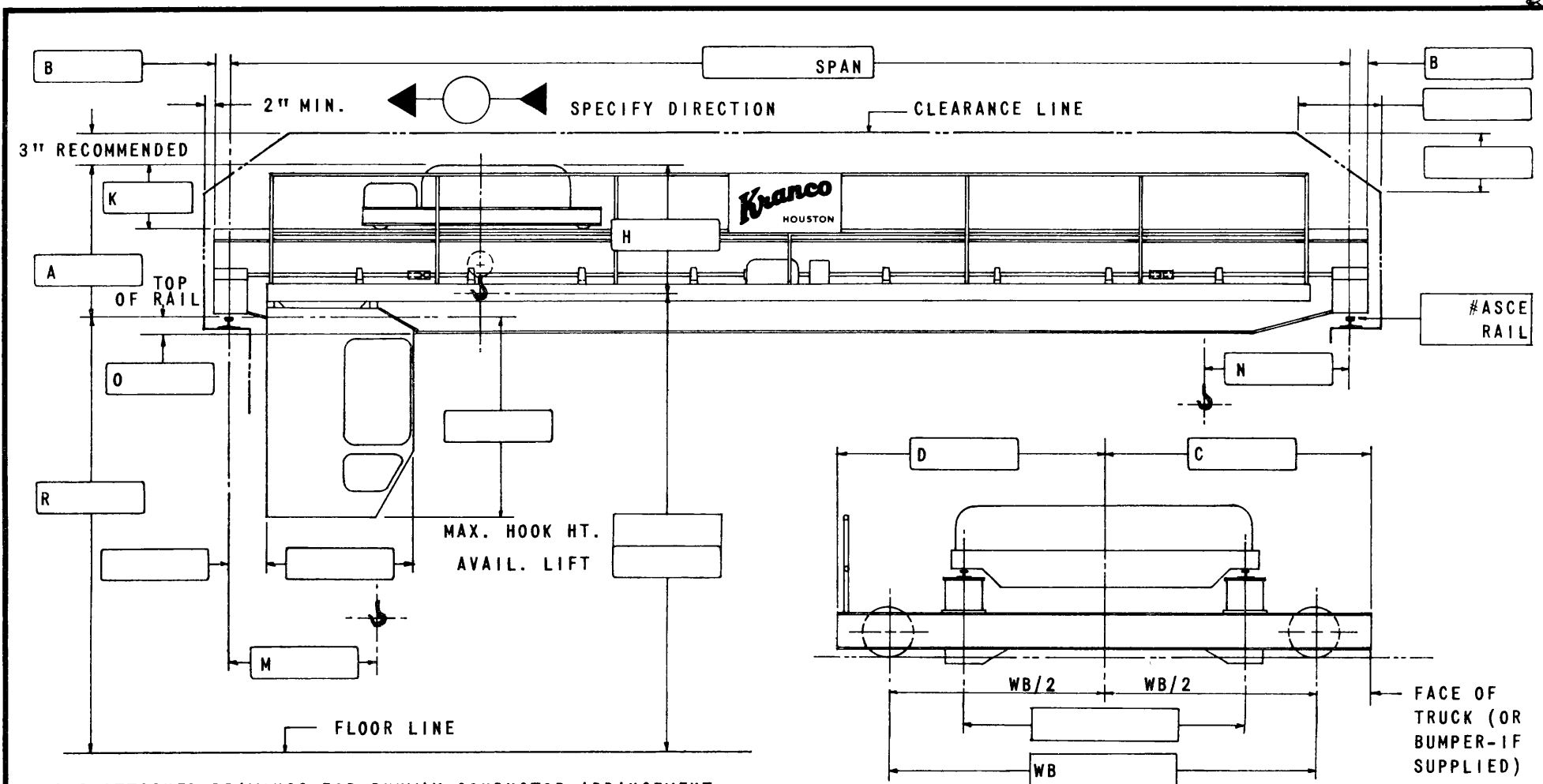
CAPACITY _____ WHEEL LOAD _____ (NO IMPACT)
 WEATHERPROOF _____ INDOORS _____ TROLLEY WEIGHT _____ HOIST _____
 POWER SUPPLY _____ BRIDGE WEIGHT _____ PUSHBUTTON _____
 (SPECIFY ONE VOLTAGE ONLY) TOTAL WEIGHT _____ PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS

TOP RUNNING ELECTRIC DOUBLE GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO. TRE-D	
REV. 6/67	



SEE ATTACHED DRAWINGS FOR RUNWAY CONDUCTOR ARRANGEMENT

CAPACITY _____
 WEATHERPROOF _____ INDOORS _____
 POWER SUPPLY _____
 (SPECIFY ONE VOLTAGE ONLY)

WHEEL LOAD _____ (NO IMPACT)
 TROLLEY WEIGHT _____
 BRIDGE WEIGHT _____
 TOTAL WEIGHT _____

HOIST _____
 CONTROL _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

TOP RUNNING ELECTRIC DOUBLE BOX GIRDER CRANE

ESTIMATE NO.			
JOB NO.			
DRAWING NO. TRE-BG			
REV. 6/67	EC-W		

5 TON CAPACITY

10,000 LBS.

H=2'-0 K=1'-9 M=3'-3 N=2'-9
TROLLEY WT. = 4000 LBS.

RECOMMENDED RAIL = 40# ASCE*

SPAN (Ft.)	BRIDGE GIRDERS	WHEEL BASE	A	B	C	D	O	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	Beam	9'-9	3'-3	5	6'-1½	6'-6½	—	8420	8105
25	Beam	9'-9	3'-7	5	6'-1½	6'-6½	—	10,040	8500
30	Beam	9'-9	3'-7	5	6'-1½	6'-6½	—	10,820	8705
35	Beam	9'-9	3'-10	5	6'-1½	6'-6½	—	12,660	9165
40	Beam	9'-9	4'-1	5	6'-1½	6'-6½	—	15,880	9970
45	Beam	9'-9	4'-1	6	6'-1½	6'-6½	—	18,830	10,705
50	Beam	9'-9	4'-1	6	6'-1½	6'-6½	—	20,760	11,190
55	Beam	9'-9	4'-1	6	6'-1½	6'-6½	—	22,640	11,660
60	Box	10'-3	4'-4	6	6'-5½	6'-11½	7½	25,580	12,395
65	Box	10'-3	4'-4	6	6'-5½	6'-11½	1'-1½	27,990	13,000
70	Box	10'-6	4'-4	6	6'-7	7'-1	1'-1½	30,470	13,615
75	Box	11'-0	4'-4	6	6'-10	7'-4	1'-7½	34,890	14,720
80	Box	11'-6	4'-4	6	7'-1	7'-7	1'-7½	36,670	15,170
85	Box	12'-3	4'-7	6	7'-5½	7'-11½	1'-10½	41,740	16,435
90	Box	13'-0	4'-7	6	7'-10	8'-4	1'-10½	43,820	16,955

*30# ASCE ONLY THRU 45'-0 SPAN

7½ TON CAPACITY

15,000 LBS.

H=2'-8 K=2'-0 M=3'-3 N=2'-9
TROLLEY WT. = 4100 LBS.

RECOMMENDED RAIL = 40# ASCE

SPAN (Ft.)	BRIDGE GIRDERS	WHEEL BASE	A	B	C	D	O	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	Beam	10'-6	3'-10	6	6'-7	7'-1	—	10,140	11,060
25	Beam	10'-6	3'-10	6	6'-7	7'-1	—	10,930	11,260
30	Beam	10'-6	4'-1	6	6'-7	7'-1	—	12,480	11,645
35	Beam	10'-6	4'-4	6	6'-7	7'-1	—	14,030	12,030
40	Beam	10'-6	4'-4	6	6'-7	7'-1	—	17,140	12,810
45	Beam	10'-6	4'-4	6	6'-7	7'-1	—	19,560	13,415
50	Beam	10'-6	4'-4	6	6'-7	7'-1	—	21,960	14,015
55	Beam	10'-6	4'-4	6	6'-7	7'-1	—	25,160	14,815
60	Box	11'-0	4'-7	6	6'-10	7'-4	1'-1½	27,700	15,470
65	Box	11'-0	4'-7	6	6'-10	7'-4	1'-1½	28,990	15,770
70	Box	11'-0	4'-7	6	6'-10	7'-4	1'-1½	30,610	16,180
75	Box	11'-0	4'-7	6	6'-10	7'-4	1'-7½	34,990	17,275
80	Box	11'-6	4'-10	6	7'-1	7'-7	1'-10½	42,100	19,080
85	Box	12'-3	4'-10	6	7'-5½	7'-11½	1'-10½	45,800	19,975
90	Box	13'-0	4'-10	6	7'-10	8'-4	1'-10½	48,200	20,575

Letter dimensions pertain to Drawings "TRE-D" and "TRE-BG".

Wheel loads include no impact allowance.

Dimensions "C" and "D" include allowance for rubber bumpers and are based on 25 feet of lift. "C", "D" and Wheelbase ("WB") may be increased for longer lifts

Weights shown do not include bridge walkway and handrail. Dimensions will not be affected by the addition of walkway.

Box girders are available at any span. Beam girders may, in some cases, be used at longer spans than shown.

All dimensions shown are for standard headroom applications and may be varied widely to suit conditions.

10 TON CAPACITY

20,000 LBS.

H=3'-3 K=2'-6 M=3'-1 N=2'-9
TROLLEY WT. = 4600 LBS.

RECOMMENDED RAIL = 40# ASCE

SPAN (Ft.)	BRIDGE GIRDERS	WHEEL BASE	A	B	C	D	O	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	Beam	11'-0	4'-4	6	6'-10	7'-4	—	10,690	13,825
25	Beam	11'-0	4'-7	6	6'-10	7'-4	—	12,110	14,180
30	Beam	11'-0	4'-10	6	6'-10	7'-4	—	13,890	14,625
35	Beam	11'-0	4'-10	6	6'-10	7'-4	—	15,710	15,080
40	Beam	11'-0	4'-10	6	6'-10	7'-4	—	18,550	15,790
45	Beam	11'-0	4'-10	6	6'-10	7'-4	—	20,210	16,205
50	Beam	11'-0	4'-10	6	6'-10	7'-4	—	23,630	17,060
55	Box	11'-6	5'-0	6	7'-1	7'-7	1'-2½	27,090	17,925
60	Box	11'-6	5'-0	6	7'-1	7'-7	1'-2½	29,840	18,610
65	Box	11'-6	5'-0	6	7'-1	7'-7	1'-2½	31,340	18,985
70	Box	11'-6	5'-0	6	7'-1	7'-7	1'-8½	32,870	19,370
75	Box	11'-6	5'-0	6	7'-1	7'-7	1'-8½	35,540	20,035
80	Box	11'-6	5'-3	7	7'-2	7'-7	1'-11½	44,790	22,350
85	Box	12'-3	5'-3	7	7'-6½	7'-11½	1'-11½	48,460	23,265
90	Box	13'-0	5'-6	7	7'-11	8'-4	2'-2½	53,010	24,405

15 TON CAPACITY

30,000 LBS.

H = 5'-6 K = 2'-7 M = 3'-0 N = 2'-11
TROLLEY WT. = 5200 LBS.

RECOMMENDED RAIL=40# ASCE

SPAN (Ft.)	BRIDGE GIRDERS	WHEEL BASE	A	B	C	D	O	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	Beam	11'-6	4'-8	6	7'-1	7'-7	—	12,010	19,305
25	Beam	11'-6	4'-8	6	7'-1	7'-7	—	12,950	19,540
30	Beam	11'-6	4'-11	6	7'-1	7'-7	—	15,250	20,115
35	Beam	11'-6	4'-11	6	7'-1	7'-7	—	17,310	20,630
40	Beam	11'-6	4'-11	6	7'-1	7'-7	—	19,900	21,275
45	Beam	11'-6	4'-11	6	7'-1	7'-7	—	22,860	22,015
50	Beam	11'-6	4'-11	6	7'-1	7'-7	—	25,490	22,675
55	Box	12'-0	5'-1	7	7'-5	7'-10	1'-2½	31,870	24,280
60	Box	12'-0	5'-4	7	7'-5	7'-10	1'-5½	34,820	25,005
65	Box	12'-0	5'-4	7	7'-5	7'-10	1'-5½	36,960	25,540
70	Box	12'-0	5'-4	7	7'-5	7'-10	1'-5½	38,710	25,980
75	Box	12'-0	5'-4	7	7'-5	7'-10	1'-5½	42,090	26,825
80	Box	12'-0	5'-4	7	7'-5	7'-10	1'-11½	46,130	27,835
85	Box	12'-3	5'-7	7	7'-6½	7'-11½	2'-2½	51,830	29,260
90	Box	13'-0	5'-7	7	7'-11	8'-4	2'-2½	54,350	29,890

Letter dimensions pertain to Drawings "TRE-D" and "TRE-BG".

Wheel loads include no impact allowance.

Dimensions "C" and "D" include allowance for rubber bumpers and are based on 25 feet of lift. "C", "D" and Wheelbase ("WB") may be increased for longer lifts

Weights shown do not include bridge walkway and handrail. Dimensions will not be affected by addition of walkway.

Box girders are available at any span. Beam girders may, in some cases, be used at longer spans than shown.

All dimensions shown are for standard headroom applications and may be varied widely to suit conditions.

20 TON CAPACITY

40,000 LBS.

H=5'-9 K=2'-9 M=3'-4 N=3'-2

TROLLEY WT. = 6200 LBS.

RECOMMENDED RAIL=60#ASCE

SPAN (Ft.)	BRIDGE GIRDERS	WHEEL BASE	A	B	C	D	O	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	Beam	11'-9	4'-11	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	—	15,120	25,330
25	Beam	11'-9	5'-2	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	—	17,090	25,825
30	Beam	11'-9	5'-2	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	—	18,320	26,130
35	Beam	11'-9	5'-2	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	1 $\frac{1}{2}$	21,250	26,865
40	Beam	11'-9	5'-2	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	4 $\frac{1}{2}$	24,340	27,635
45	Box	12'-3	5'-6	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-0 $\frac{1}{2}$	28,010	28,555
50	Box	12'-3	5'-6	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	29,870	29,020
55	Box	12'-3	5'-6	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	33,700	29,975
60	Box	12'-3	5'-6	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	36,720	30,730
65	Box	12'-3	5'-6	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	38,920	31,280
70	Box	12'-3	5'-8	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-10 $\frac{1}{2}$	43,860	32,515
75	Box	12'-3	5'-8	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-10 $\frac{1}{2}$	46,160	33,090
80	Box	12'-3	5'-10	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	2'-2 $\frac{1}{2}$	50,400	34,150
85	Box	12'-3	5'-10	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	2'-2 $\frac{1}{2}$	52,930	34,785
90	Box	13'-0	5'-10	7	7'-11	8'-4	2'-2 $\frac{1}{2}$	56,900	35,775

25 TON CAPACITY

50,000 LBS.

H=6'-6 K=3'-0 M=3'-9 N=3'-11

TROLLEY WT. = 7500 LBS.

RECOMMENDED RAIL=60#ASCE

SPAN (Ft.)	BRIDGE GIRDERS	WHEEL BASE	A	B	C	D	O	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	Beam	11'-9	5'-2	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	—	16,620	31,030
25	Beam	11'-9	5'-5	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	—	18,620	31,530
30	Beam	11'-9	5'-5	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	1 $\frac{1}{2}$	21,180	32,170
35	Beam	11'-9	5'-5	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	1 $\frac{1}{2}$	22,820	32,580
40	Beam	11'-9	5'-5	7	7'-3 $\frac{1}{2}$	7'-8 $\frac{1}{2}$	4 $\frac{1}{2}$	26,950	33,615
45	Box	12'-3	5'-9	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-0 $\frac{1}{2}$	30,410	34,480
50	Box	12'-3	5'-9	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	33,000	35,125
55	Box	12'-3	5'-9	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	35,010	35,630
60	Box	12'-3	5'-9	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	38,120	36,405
65	Box	12'-3	5'-9	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-6 $\frac{1}{2}$	41,800	37,325
70	Box	12'-3	5'-11	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-10 $\frac{1}{2}$	45,260	38,190
75	Box	12'-3	5'-11	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	1'-10 $\frac{1}{2}$	49,380	39,220
80	Box	12'-3	6'-0	7	7'-6 $\frac{1}{2}$	7'-11 $\frac{1}{2}$	2'-3 $\frac{1}{2}$	51,800	39,825
85	Box	13'-0	6'-0	7	7'-11	8'-4	2'-3 $\frac{1}{2}$	55,700	40,800
90	Box	13'-0	6'-0	7	7'-11	8'-4	2'-3 $\frac{1}{2}$	62,750	42,565

Letter dimensions pertain to Drawings "TRE-D" and "TRE-BG".

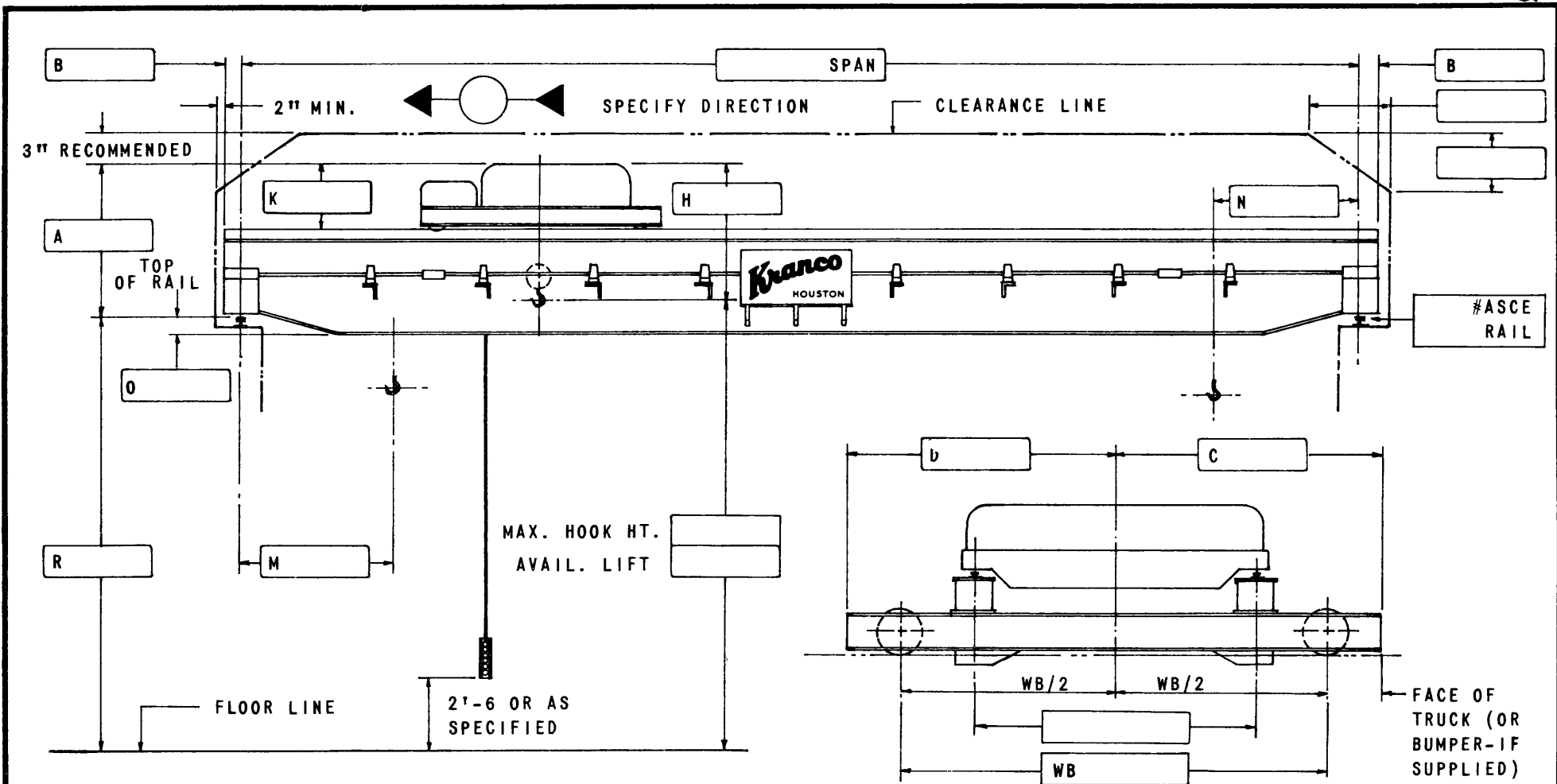
Wheel loads include no impact allowance.

Dimensions "C" and "D" include allowance for rubber bumpers and are based on 25 feet of lift. "C", "D" and Wheelbase ("WB") may be increased for longer lifts

Weights shown do not include bridge walkway and handrail. Dimensions will not be affected by addition of walkway.

Box girders are available at any span. Beam girders may, in some cases, be used at longer spans than shown.

All dimensions shown are for standard headroom applications and may be varied widely to suit conditions.



SEE ATTACHED DRAWINGS FOR RUNWAY CONDUCTOR ARRANGEMENT

CAPACITY _____	WHEEL LOAD _____ (NO IMPACT)
WEATHERPROOF _____ INDOORS _____	TROLLEY WEIGHT _____
POWER SUPPLY _____	BRIDGE WEIGHT _____
(SPECIFY ONE VOLTAGE ONLY)	TOTAL WEIGHT _____
	HOIST _____
	PUSHBUTTON _____
	PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS

TOP RUNNING ELECTRIC DOUBLE BOX GIRDER CRANE

ESTIMATE NO.	
JOB NO.	
DRAWING NO.	TRE-BG
REV. 6/67	

2 TON CAPACITY

4,000 LBS.

G=5'-3 H=1'-6 K=1'-7 M=2'-7 N=2'-2 TROLLEY WT. 2000# RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	10WF21	8'-3	2'-9	4½	4'-11	5'-3	5740	3910
25	12WF27	8'-3	2'-11	4½	4'-11	5'-3	6460	4090
30	16WF36	8'-3	3'-3	4½	4'-11	5'-3	7670	4390
35	18WF50	8'-3	3'-5	4½	4'-11	5'-3	9470	4850
40	18WF50	8'-3	3'-5	4½	4'-11	5'-3	10,360	5070
45	21WF62	8'-3	3'-8	5	4'-11	5'-4	13,160	5760
50	24WF76	8'-9	3'-11	5	5'-2	5'-7	15,610	6380
55	24WF84	9'-3	3'-11	5	5'-5	5'-10	17,820	6930
60	24WF100	9'-3	3'-11	5	5'-5	5'-10	20,990	7720

3 TON CAPACITY

6,000 LBS.

G=5'-9 H=1'-6 K=1'-9 M=2'-9 N=2'-5 TROLLEY WT. 2350# RECOMMENDED RAIL: 25 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	12WF27	8'-9	3'-1	5	5'-2	5'-7	6760	5270
25	16WF36	8'-9	3'-5	5	5'-2	5'-7	7700	5510
30	18WF50	8'-9	3'-7	5	5'-2	5'-7	9300	5910
35	18WF50	8'-9	3'-7	5	5'-2	5'-7	10,240	6150
40	21WF62	8'-9	3'-10	5	5'-2	5'-7	12,120	6610
45	24WF76	8'-9	4'-1	5	5'-2	5'-7	15,020	7340
50	24WF84	8'-9	4'-1	5	5'-2	5'-7	16,960	7830
55	24WF94	9'-3	4'-1	5	5'-5	5'-10	19,380	8430
60	24WF100	9'-3	4'-1	5	5'-5	5'-10	21,430	8940

5 TON CAPACITY

10,000 LBS.

G=5'-9 H=2'-0 K=1'-9 M=3'-3 N=2'-9 TROLLEY WT. 2650# RECOMMENDED RAIL: 30 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	14WF30	8'-9	3'-4	5	5'-2	5'-7	7170	7450
25	18WF50	8'-9	3'-8	5	5'-2	5'-7	8710	7840
30	18WF50	8'-9	3'-8	5	5'-2	5'-7	9590	8060
35	21WF62	8'-9	3'-11	5	5'-2	5'-7	11,500	8530
40	24WF76	8'-9	4'-2	5	5'-2	5'-7	13,720	9090
45	24WF94	9'-9	4'-2	6	5'-9	6'-6	17,770	10,100
50	24WF100	9'-9	4'-2	6	5'-9	6'-6	19,690	10,580
55	24WF100	9'-9	4'-2	6	5'-9	6'-6	21,200	10,960
60	24WF110	9'-9	4'-2	6	5'-9	6'-6	23,800	11,600

6 TON CAPACITY

12,000 LBS.

G=6'-6 H=2'-8 K=1'-11 M=3'-3 N=2'-9 TROLLEY WT. 2950# RECOMMENDED RAIL: 30 LB. ASCE

SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	16WF36	10'-6	3'-7	6	6'-1	6'-10	8720	8920
25	18WF50	10'-6	3'-9	6	6'-1	6'-10	10,110	9260
30	21WF62	10'-6	4'-0	6	6'-1	6'-10	11,630	9650
35	24WF76	10'-6	4'-3	6	6'-1	6'-10	13,700	10,160
40	24WF84	10'-6	4'-3	6	6'-1	6'-10	15,510	10,610
45	24WF94	10'-6	4'-3	6	6'-1	6'-10	18,160	11,280
50	24WF100	10'-6	4'-3	6	6'-1	6'-10	20,180	11,780
55	24WF110	10'-6	4'-3	6	6'-1	6'-10	22,710	12,410
60	24WF120	10'-6	4'-3	6	6'-1	6'-10	25,410	13,090

7 1/2 TON CAPACITY

15,000 LBS.

G=6'-6 H=2'-8 K=2'-0 M=3'-3 N=2'-9 TROLLEY WT. 3260# RECOMMENDED RAIL: 30 LB. ASCE

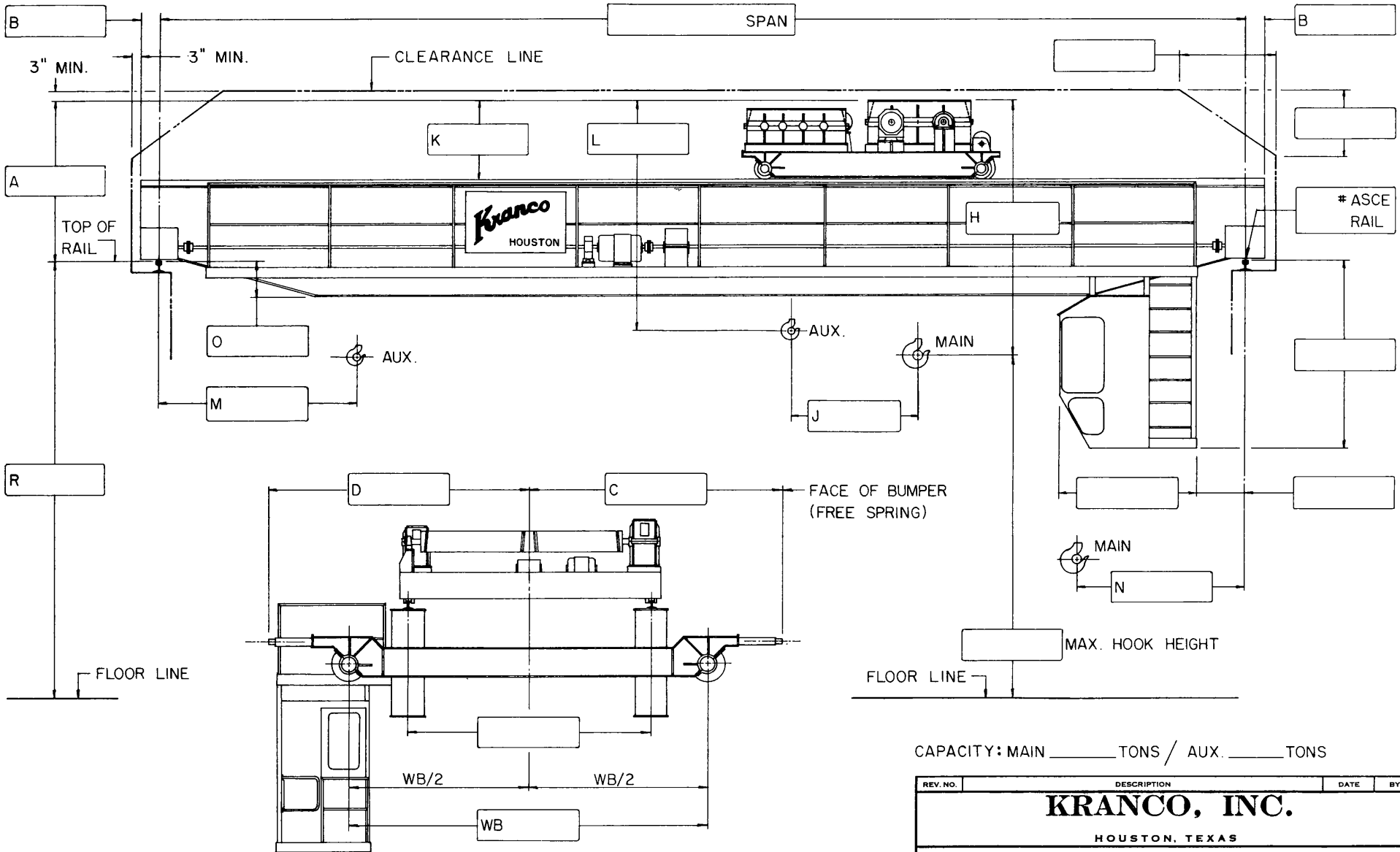
SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	18WF50	10'-6	3'-10	6	6'-1	6'-10	9620	10,720
25	18WF50	10'-6	3'-10	6	6'-1	6'-10	10,420	10,920
30	21WF62	10'-6	4'-1	6	6'-1	6'-10	11,940	11,300
35	24WF76	10'-6	4'-4	6	6'-1	6'-10	14,010	11,820
40	24WF94	10'-6	4'-4	6	6'-1	6'-10	16,740	12,500
45	24WF100	10'-6	4'-4	6	6'-1	6'-10	19,120	13,090
50	24WF110	10'-6	4'-4	6	6'-1	6'-10	21,510	13,690
55	24WF120	10'-6	4'-4	6	6'-1	6'-10	24,140	14,350

10 TON CAPACITY

20,000 LBS.

G=7'-0 H=3'-3 K=2'-6 M=3'-1 N=2'-9 TROLLEY WT. 4250# RECOMMENDED RAIL: 40 LB. ASCE

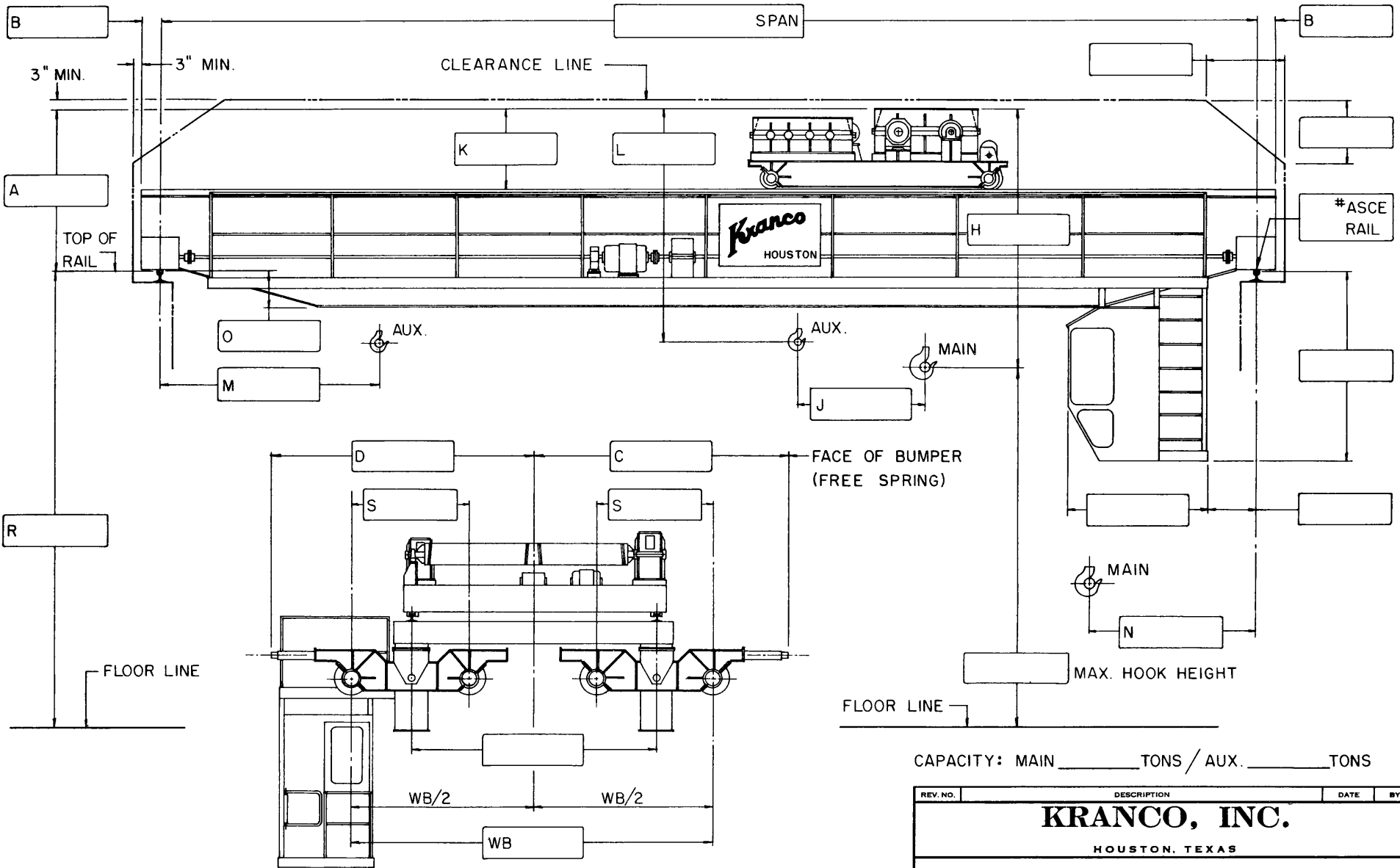
SPAN (Ft.)	BRIDGE BEAMS	WHEEL BASE	A	B	C	D	TOTAL WT. (Lbs.)	WHEEL LOAD (Lbs.)
20	18WF50	11'-0	4'-4	6	6'-4	7'-1	10,680	13,730
25	21WF62	11'-0	4'-7	6	6'-4	7'-1	12,110	14,090
30	24WF76	11'-0	4'-10	6	6'-4	7'-1	13,900	14,530
35	24WF84	11'-0	4'-10	6	6'-4	7'-1	15,780	15,000
40	24WF94	11'-0	4'-10	6	6'-4	7'-1	17,850	15,520
45	24WF100	11'-0	4'-10	6	6'-4	7'-1	20,240	16,110



BRIDGE WEIGHT _____ WHEEL LOAD _____ (NO IMPACT)
 TROLLEY WEIGHT _____ POWER SUPPLY _____
 TOTAL WEIGHT _____ WEATHERPROOF _____ INDOORS _____

CAPACITY: MAIN _____ TONS / AUX. _____ TONS

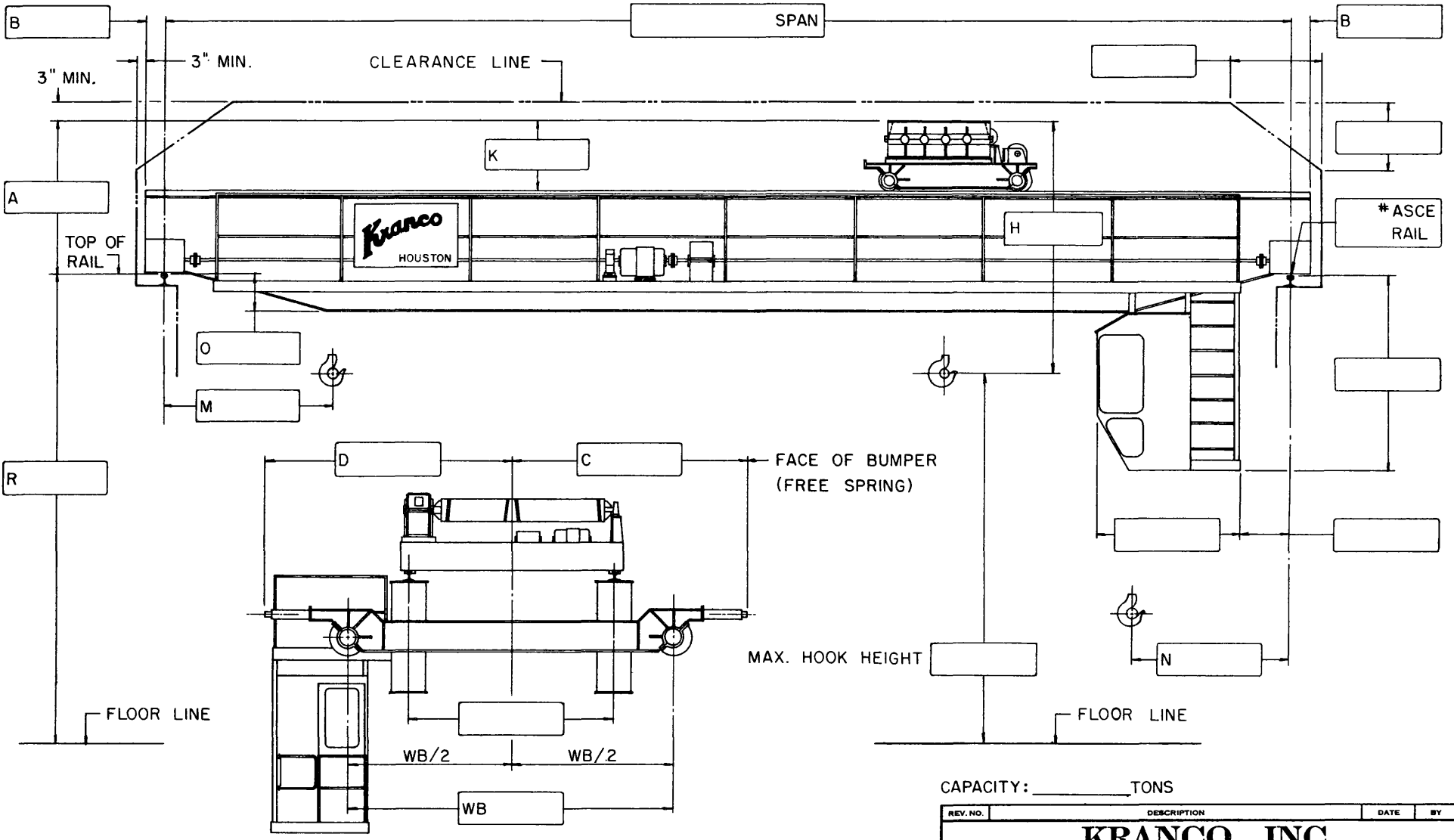
REV. NO.	DESCRIPTION	DATE	BY
KRANCO, INC.			
HOUSTON, TEXAS			
TYPE TRE-BG 4 WHEEL CRANE SEVERE SERVICE			
DRAWN BY	SCALE	JOB NO.	DATE
CHECKED BY	APPROVED BY	4-A-EC	DRAWING NO. TRE-BG/ss



BRIDGE WEIGHT _____ WHEEL LOAD _____ (NO IMPACT)
 TROLLEY WEIGHT _____ POWER SUPPLY _____
 TOTAL WEIGHT _____ WEATHERPROOF _____ INDOORS _____

CAPACITY: MAIN _____ TONS / AUX. _____ TONS

REV. NO.	DESCRIPTION	DATE	BY
KRANCO, INC.			
HOUSTON, TEXAS			
TYPE TRE-BG 8 WHEEL CRANE SEVERE SERVICE			
DRAWN BY	SCALE	JOB NO.	DATE
CHECKED BY	APPROVED BY	8-A-EC	DRAWING NO. TRE-BG/ss



CAPACITY: _____ TONS

REV. NO.	DESCRIPTION	DATE	BY
KRANCO, INC.			
HOUSTON, TEXAS			
TYPE TRE-BG 4 WHEEL CRANE			
SEVERE SERVICE			
DRAWN BY	SCALE	JOB NO.	DATE
CHECKED BY	APPROVED BY	4-EC	DRAWING NO.
			TRE-BG/ss

BRIDGE WEIGHT _____ WHEEL LOAD _____ (NO IMPACT)
 TROLLEY WEIGHT _____ POWER SUPPLY _____
 TOTAL WEIGHT _____ WEATHERPROOF _____ INDOORS _____

5 TON CAPACITY

10,000 LBS.

H=4'-0 K=2'-3 M=3'-0 N=2'-9

TROLLEY WT. = 5000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	10'-3	4'-10	8	6'-9	7'-3	8	40#	31,500	15,900
60	10'-3	4'-10	8	6'-9	7'-3	8	40#	35,700	17,200
70	10'-6	4'-10	8	6'-10	7'-5	1'-2	40#	41,900	18,900
80	11'-6	4'-10	8	7'-4	7'-11	1'-8	40#	49,600	21,000
90	13'-0	5'-2	10	8'-1	8'-8	1'-10	40#	58,300	23,400
100	14'-6	5'-6	10	8'-10	9'-5	2'-0	40#	67,800	25,900

10 TON CAPACITY

20,000 LBS.

H=4'-6 K=3'-0 M=3'-0 N=3'-0

TROLLEY WT. = 7000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	11'-6	5'-3	10	7'-4	7'-11	1'-0	40#	34,600	22,300
60	11'-6	5'-6	10	7'-4	7'-11	1'-3	40#	42,500	24,500
70	11'-6	5'-6	10	7'-4	7'-11	1'-9	40#	46,700	25,700
80	11'-6	5'-9	10	7'-4	7'-11	2'-0	60#	61,200	29,700
90	13'-0	6'-0	10	8'-1	8'-8	2'-3	60#	71,100	32,400
100	14'-6	6'-3	10	8'-10	9'-5	2'-6	60#	81,100	35,100

15 TON CAPACITY

30,000 LBS.

H=5'-9 K=3'-6 M=3'-3 N=3'-0

TROLLEY WT. = 8500 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	12'-0	6'-4	10	7'-7	8'-2	1'-0	60#	38,000	28,600
60	12'-0	6'-4	10	7'-7	8'-2	1'-6	60#	49,600	31,800
70	12'-0	6'-4	10	7'-7	8'-2	1'-6	80#	54,700	33,300
80	12'-0	6'-4	10	7'-7	8'-2	2'-0	80#	64,100	35,900
90	13'-0	6'-7	10	8'-1	8'-8	2'-3	80#	74,100	38,600
100	14'-6	6'-10	10	8'-10	9'-5	2'-6	80#	84,800	41,500

20 TON CAPACITY

40,000 LBS.

H=6'-6 K=3'-6 M=3'-3 N=3'-3

TROLLEY WT. = 10,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	12'-6	6'-4	10	7'-10	8'-5	1'-6	60#	43,300	35,300
60	12'-6	6'-4	10	7'-10	8'-5	1'-6	60#	52,300	37,800
70	12'-6	6'-4	10	7'-10	8'-5	2'-0	80#	61,300	40,300
80	12'-6	6'-7	11	8'-0	8'-7	2'-3	80#	69,300	42,500
90	13'-0	6'-7	11	8'-3	8'-10	2'-3	80#	77,500	44,800
100	14'-6	6'-10	11	9'-0	9'-7	2'-6	80#	86,000	47,100

See notes at bottom of page 40-11

25 TON CAPACITY

50,000 LBS.

H=7'-0 K=3'-9 M=3'-3 N=3'-6

TROLLEY WT. = 12,500 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	13'-0	6'-9	11	8'-3	8'-10	1'-3	60#	48,100	42,100
60	13'-0	6'-9	11	8'-3	8'-10	1'-3	60#	55,100	44,200
70	13'-0	6'-9	11	8'-3	8'-10	1'-9	80#	63,800	46,500
80	13'-0	7'-0	11	8'-3	8'-10	2'-0	80#	72,200	48,900
90	13'-0	7'-3	11	8'-3	8'-10	2'-3	100#	85,300	52,400
100	14'-6	7'-6	1'-0	9'-0	9'-7	2'-6	100#	95,500	55,200

25/5 TON CAPACITY

50,000 LBS.

H=7'-0 J=3'-6 K=3'-9 L=5'-3 M=2'-8 N=4'-0

TROLLEY WT. = 16,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	13'-0	6'-9	11	8'-3	8'-10	1'-3	60#	51,600	43,800
60	13'-0	6'-9	11	8'-3	8'-10	1'-6	80#	58,600	45,900
70	13'-0	6'-9	11	8'-3	8'-10	1'-9	80#	67,300	48,300
80	13'-0	7'-0	11	8'-3	8'-10	2'-0	100#	75,700	50,600
90	13'-0	7'-3	1'-0	8'-3	8'-10	2'-3	100#	88,800	54,100
100	14'-6	7'-6	1'-0	9'-0	9'-7	2'-6	100#	99,100	56,900

30 TON CAPACITY

60,000 LBS.

H=7'-9 K=3'-9 M=3'-3 N=3'-6

TROLLEY WT. = 14,500 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	14'-0	6'-9	11	8'-7	9'-2	1'-4	100#	52,500	48,800
60	14'-0	6'-9	11	8'-7	9'-2	1'-10	100#	59,900	50,900
70	14'-0	7'-0	11	8'-7	9'-2	2'-1	100#	69,100	53,300
80	14'-0	7'-3	1'-0	8'-9	9'-4	2'-4	100#	77,900	55,800
90	14'-0	7'-3	1'-0	8'-9	9'-4	2'-10	100#	91,400	59,400
100	14'-6	7'-6	1'-0	9'-0	9'-7	2'-10	100#	102,100	62,300

30/10 TON CAPACITY

60,000 LBS.

H=7'-9 J=3'-9 K=3'-9 L=5'-9 M=2'-8 N=4'-0

TROLLEY WT. = 19,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	14'-0	6'-9	11	8'-7	9'-2	1'-4	100#	57,000	50,900
60	14'-0	6'-9	11	8'-7	9'-2	1'-10	100#	64,500	53,100
70	14'-0	7'-0	1'-0	8'-9	9'-4	2'-1	100#	73,600	55,600
80	14'-0	7'-3	1'-0	8'-9	9'-4	2'-4	100#	82,400	58,100
90	14'-0	7'-3	1'-0	8'-9	9'-4	2'-10	100#	95,900	61,700
100	14'-6	7'-6	1'-0	9'-0	9'-7	2'-10	135#	106,600	64,500

See notes at bottom of page 40-11

KRANCO, INC.

CAB OPERATED SEVERE SERVICE 4 WHEEL CRANES

TYPE
TRE-BG
SEVERE SERVICE

40/10 TON CAPACITY

80,000 LBS.

H=9'-6 J=4'-6 K=4'-3 L=7'-6 M=3'-9 N=3'-6

TROLLEY WT. = 26,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	14'-6	7'-6	1'-0	8'-9	10'-1	1'-8	135#	78,600	69,300
60	14'-6	7'-6	1'-0	8'-9	10'-1	1'-8	135#	87,200	71,500
70	15'-0	7'-9	1'-1	9'-0	10'-4	1'-11	135#	98,000	74,200
80	15'-6	8'-0	1'-1	9'-3	10'-7	2'-2	135#	108,200	76,700
90	15'-6	8'-3	1'-1	9'-3	10'-7	2'-5	135#	123,400	80,500
100	16'-0	8'-3	1'-1	9'-6	10'-10	2'-11	135#	135,800	83,700

50/10 TON CAPACITY

100,000 LBS.

H=10'-0 J=5'-0 K=4'-3 L=8'-0 M=3'-9 N=3'-6

TROLLEY WT. = 32,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	15'-0	7'-9	1'-1	9'-0	10'-4	1'-5	175#	85,700	82,400
60	15'-0	7'-9	1'-1	9'-0	10'-4	1'-11	175#	94,700	84,600
70	15'-0	8'-0	1'-1	9'-0	10'-4	2'-2	175#	105,800	87,400
80	15'-6	8'-0	1'-1	9'-3	10'-7	2'-8	175#	118,300	90,500
90	15'-6	8'-3	1'-1	9'-3	10'-7	2'-11	175#	132,300	94,000
100	16'-0	8'-6	1'-1	9'-6	10'-10	3'-2	175#	146,600	98,100

60/15 TON CAPACITY

120,000 LBS.

H=10'-6 J=4'-0 K=4'-6 L=8'-0 M=3'-6 N=5'-0

TROLLEY WT. = 38,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	16'-0	8'-3	1'-1	9'-6	10'-10	1'-9	175#	105,800	101,200
60	16'-0	8'-3	1'-1	9'-6	10'-10	2'-3	175#	115,700	104,200
70	16'-0	8'-6	1'-1	9'-6	10'-10	2'-6	175#	126,700	107,600
80	16'-6	8'-9	1'-1	9'-9	11'-1	2'-9	175#	140,900	112,000
90	16'-6	9'-0	1'-1	9'-9	11'-1	3'-0	175#	156,600	116,800
100	16'-6	9'-0	1'-1	9'-9	11'-1	3'-0	175#	171,700	120,000

Letter dimensions pertain to Drawing "TRE-BG".

Wheel loads include no impact allowance.

Dimensions "C" and "D" include allowance for spring bumpers and are based on 35 feet of lift. "C", "D" and Wheelbase ("WB") dimensions may be increased for longer lifts.

Dimension "M" is to Auxiliary hook where applicable.

Weights shown include bridge walkway and handrail on drive girder, short rear walkway, open type operators cab and bare wire bridge conductors.

All dimensions shown are for standard headroom applications and may be varied widely to suit conditions.

60/15 TON CAPACITY

120,000 LBS.

H=10'-6 J=4'-0 K=4'-6 L=8'-0 M=3'-9 N=5'-0

TROLLEY WT. = 38,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	S	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	16'-0	9'-0	1'-2	9'-6	10'-10	1'-0	5'-6	100#	113,600	51,600
60	16'-0	9'-0	1'-2	9'-6	10'-10	1'-6	5'-6	100#	123,500	53,100
70	16'-0	9'-3	1'-2	9'-6	10'-10	1'-9	5'-6	100#	134,500	54,800
80	16'-6	9'-6	1'-2	9'-9	11'-1	2'-0	6'-0	135#	148,700	57,000
90	16'-6	9'-9	1'-2	9'-9	11'-1	2'-3	6'-0	135#	164,400	59,400
100	16'-6	9'-9	1'-2	9'-9	11'-1	2'-3	6'-0	135#	179,500	61,000

75/15 TON CAPACITY

150,000 LBS.

H=11'-0 J=5'-0 K=5'-0 L=8'-6 M=3'-9 N=5'-0

TROLLEY WT. = 52,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	S	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	17'-0	10'-0	1'-3	10'-0	11'-1	1'-0	6'-0	100#	135,000	62,500
60	17'-0	10'-0	1'-3	10'-0	11'-1	1'-6	5'-6	100#	145,800	64,200
70	17'-0	10'-0	1'-3	10'-0	11'-1	2'-0	6'-0	135#	158,900	66,200
80	17'-6	10'-0	1'-3	10'-3	11'-4	2'-6	6'-6	135#	173,800	68,500
90	17'-6	10'-0	1'-3	10'-3	11'-4	2'-6	6'-6	135#	189,400	70,900
100	17'-6	10'-6	1'-3	10'-3	11'-4	3'-0	6'-6	135#	208,300	73,900

100/20 TON CAPACITY

200,000 LBS.

H=12'-0 J=5'-6 K=5'-3 L=9'-6 M=4'-0 N=5'-6

TROLLEY WT. = 64,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	S	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	17'-6	10'-6	1'-4	10'-6	11'-7	1'-3	6'-6	175#	170,400	83,000
60	17'-6	10'-6	1'-4	10'-6	11'-7	1'-9	6'-6	175#	183,500	84,900
70	17'-6	10'-9	1'-4	10'-6	11'-7	2'-0	6'-6	175#	196,600	87,000
80	18'-0	10'-9	1'-4	10'-9	11'-10	2'-0	7'-0	175#	213,500	89,600
90	18'-0	10'-9	1'-4	10'-9	11'-10	3'-0	7'-0	175#	228,100	91,900
100	18'-0	10'-9	1'-4	10'-9	11'-10	3'-0	7'-0	175#	243,900	94,500

125/25 TON CAPACITY

250,000 LBS.

H=13'-0 J=5'-6 K=5'-6 L=9'-6 M=4'-0 N=5'-9

TROLLEY WT. = 76,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	S	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	19'-0	10'-9	1'-4	11'-3	12'-1	1'-3	7'-0	175#	192,900	99,200
60	19'-0	10'-9	1'-4	11'-3	12'-1	1'-9	7'-0	175#	206,800	101,900
70	19'-0	11'-0	1'-4	11'-3	12'-1	2'-0	7'-0	175#	221,700	103,800
80	19'-6	11'-0	1'-4	11'-6	12'-4	2'-0	7'-6	175#	238,400	106,400
90	19'-6	11'-0	1'-4	11'-6	12'-4	3'-0	7'-6	175#	257,500	109,500
100	19'-6	11'-0	1'-4	11'-6	12'-4	3'-0	7'-6	175#	278,400	112,900

See notes at bottom of page 40-13

KRANCO, INC.

CAB OPERATED SEVERE SERVICE 8 WHEEL CRANES

TYPE
TRE-BG
SEVERE SERVICE

150/25 TON CAPACITY

300,000 LBS.

H=14'-6 J=5'-6 K=6'-0 L=10'-0 M=4'-3 N=6'-0

TROLLEY WT. = 88,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	S	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	20'-6	11'-6	1'-5	12'-6	13'-6	1'-6	7'-6	175#	228,900	118,100
60	20'-6	11'-6	1'-5	12'-6	13'-6	2'-0	7'-6	175#	246,100	120,800
70	20'-6	11'-6	1'-5	12'-6	13'-6	2'-0	7'-6	175#	265,100	123,700
80	20'-6	12'-0	1'-5	12'-6	13'-6	2'-6	7'-6	175#	285,600	126,800
90	20'-6	12'-0	1'-5	12'-6	13'-6	2'-6	7'-6	175#	308,100	130,400
100	20'-6	12'-6	1'-5	12'-6	13'-6	3'-0	7'-6	175#	332,100	134,200

200/25 TON CAPACITY

400,000 LBS.

H=17'-9 J=6'-0 K=7'-9 L=12'-6 M=5'-0 N=7'-6

TROLLEY WT. = 120,000 LBS.

SPAN (Ft.)	WHEEL BASE	A	B	C	D	O	S	RECOM. RAIL	NET WT. (Lbs.)	WHEEL LOAD (Lbs.)
50	21'-6	13'-9	1'-5	13'-0	14'-0	1'-0	7'-6	171#	278,500	153,500
60	21'-6	13'-9	1'-5	13'-0	14'-0	1'-6	7'-6	171#	298,800	156,600
70	21'-6	13'-9	1'-5	13'-0	14'-0	1'-6	7'-6	171#	320,500	159,900
80	21'-6	14'-3	1'-5	13'-0	14'-0	2'-0	7'-6	171#	343,700	163,500
90	21'-6	14'-3	1'-5	13'-0	14'-0	3'-0	7'-6	171#	369,400	167,400
100	21'-6	14'-3	1'-5	13'-0	14'-0	3'-0	7'-6	171#	403,300	172,400

Letter dimensions pertain to Drawing "TRE-BG".

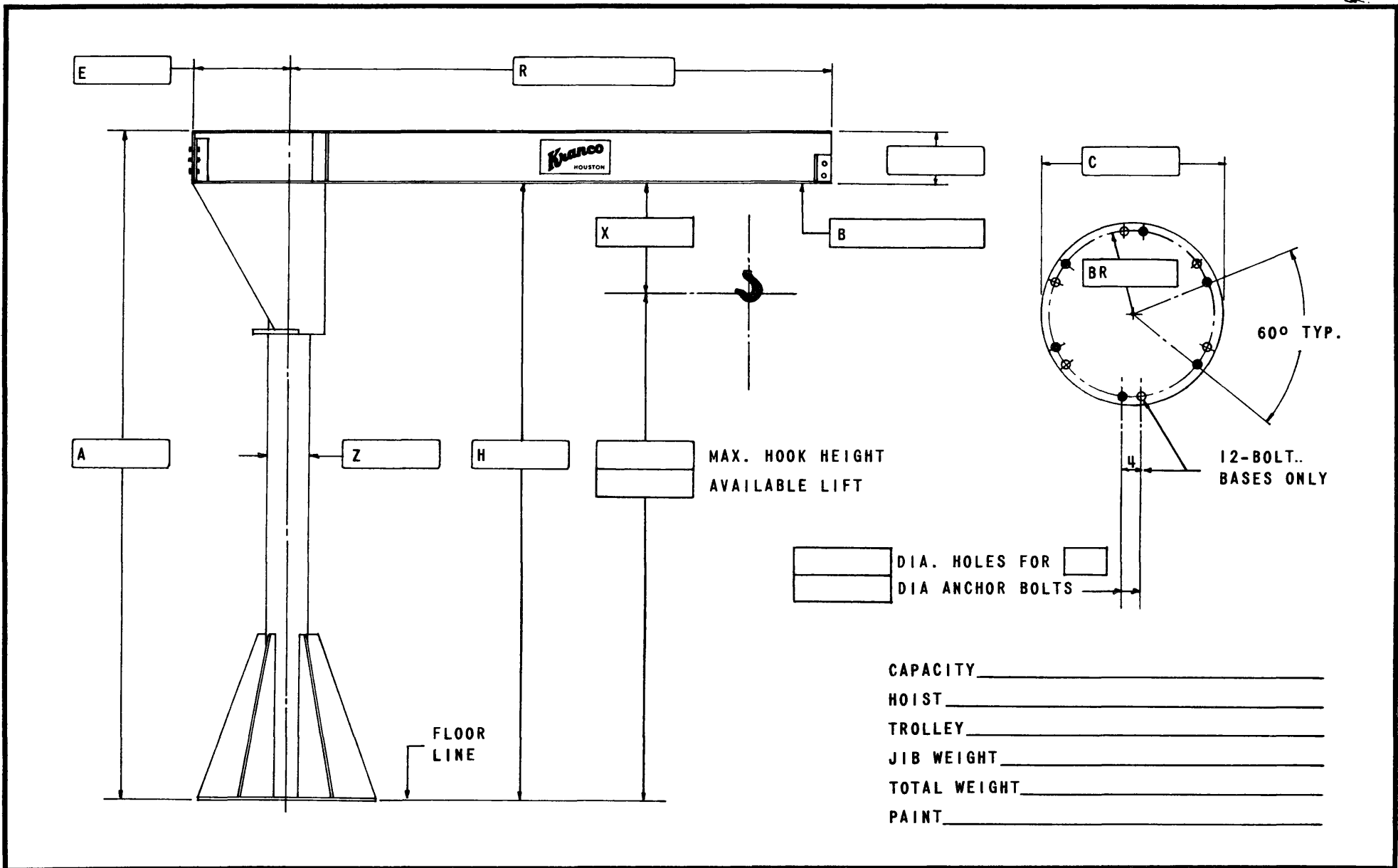
Wheel loads include no impact allowance.

Dimensions "C" and "D" include allowance for spring bumpers and are based on 35 feet of lift. "C", "D" and Wheelbase ("WB") dimensions may be increased for longer lifts.

Dimension "M" is to Auxiliary hook where applicable.

Weights shown include bridge walkway and handrail on drive girder, short rear walkway, open type operators cab and bare wire bridge conductors.

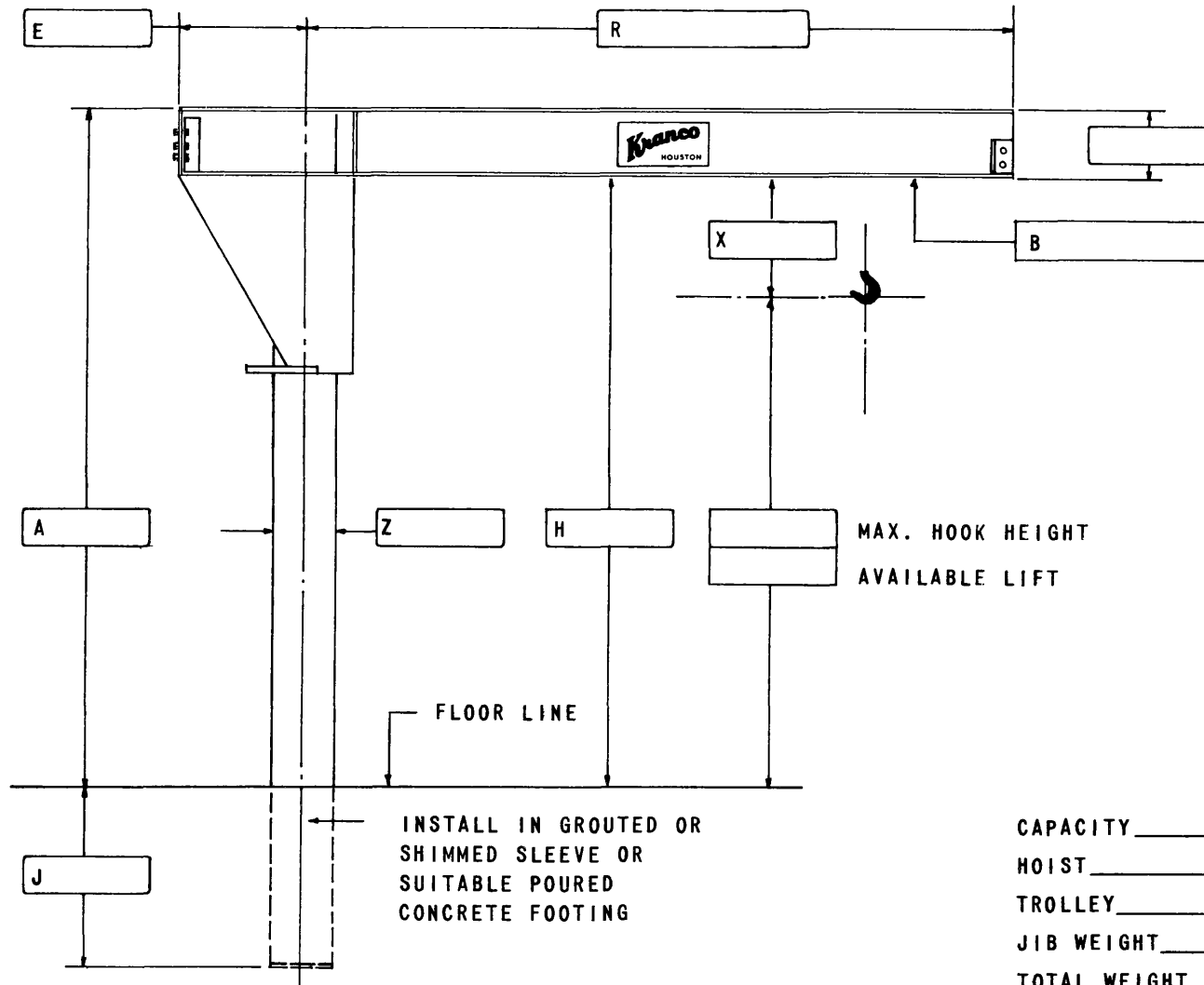
All dimensions shown are for standard headroom applications and may be varied widely to suit conditions.



	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
HOUSTON, TEXAS
BASE MOUNTED JIB CRANE - 360° ROTATION

ESTIMATE NO.	
JOB NO.	
DRAWING NO. BMJ	
REV. 6/67	



INSTALL IN GROUTED OR SHIMMED SLEEVE OR SUITABLE POURED CONCRETE FOOTING

CAPACITY _____
 HOIST _____
 TROLLEY _____
 JIB WEIGHT _____
 TOTAL WEIGHT _____
 PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

EXTENDED COLUMN JIB CRANE - 360° ROTATION

ESTIMATE NO.	
JOB NO.	
DRAWING NO. BMJ-EC	
REV. 6/67	

KRANCO, INC.

BASE MOUNTED JIB CRANES - 360° ROTATION

TYPE
BMJ

CAPACITY (Lbs.)	REACH R	HEIGHT H	A	BEAM B	E	Z	C	BR	ANCHOR BOLTS*	NET WT. (Lbs.)
500#	8'	10'	10'-6	6 12.5	1'-6	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	940
	10'	10'	10'-7	7 15.3	1'-6	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	1040
	12'	10'	10'-8	8 18.4	1'-6	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	1155
	14'	10'	10'-10	10 25.4	1'-6	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	1300
	16'	10'	10'-10	10 25.4	2'-0	10 ³ / ₄	3'-0	1'-4	6-3/4"	1505
	18'	10'	11'-0	12 31.8	2'-0	10 ³ / ₄	3'-0	1'-4	6-3/4"	1680
	20'	10'	11'-0	12 31.8	2'-0	10 ³ / ₄	3'-0	1'-4	6-3/4"	1745
1000#	8'	10'	10'-8	8 18.4	2'-0	10 ³ / ₄	3'-0	1'-4	6-3/4"	1230
	10'	10'	10'-10	10 25.4	2'-0	10 ³ / ₄	3'-0	1'-4	6-3/4"	1350
	12'	10'	11'-0	12 31.8	2'-0	10 ³ / ₄	3'-0	1'-4	6-3/4"	1525
	14'	10'	11'-0	12 31.8	2'-0	12 ³ / ₄	3'-0	1'-4	6-3/4"	1615
	16'	10'	11'-3	15 42.9	2'-0	12 ³ / ₄	3'-6	1'-7	6-7/8"	2010
	18'	10'	11'-3	15 42.9	2'-0	12 ³ / ₄	3'-6	1'-7	6-7/8"	2095
	20'	10'	11'-3 ¹ / ₄	15 42.9r	2'-0	12 ³ / ₄	3'-6	1'-7	6-1"	2270
2000#	8'	10'	10'-10	10 25.4	2'-0	12 ³ / ₄	3'-0	1'-4	6-7/8"	1415
	10'	10'	11'-0	12 31.8	2'-0	12 ³ / ₄	3'-0	1'-4	6-7/8"	1625
	12'	10'	11'-0	12 31.8	2'-0	14	3'-0	1'-4	6-1"	1735
	14'	10'	11'-3	15 42.9	2'-0	14	3'-6	1'-7	6-1"	2105
	16'	10'	11'-3 ¹ / ₄	15 42.9r	2'-0	14	3'-6	1'-7	6-1"	2330
	18'	10'	11'-3 ¹ / ₄	15 42.9r	2'-0	16	4'-0	1'-10	12-3/4"	2680
	20'	10'	11'-6 ¹ / ₄	18 54.7r	2'-0	16	4'-0	1'-10	12-7/8"	3135
3000#	8'	12'	13'-0	12 31.8	2'-0	14	3'-6	1'-7	6-7/8"	1865
	10'	12'	13'-3	15 42.9	2'-0	14	3'-6	1'-7	6-1"	2165
	12'	12'	13'-3	15 42.9	2'-0	16	3'-6	1'-7	6-1"	2505
	14'	12'	13'-3 ¹ / ₄	15 42.9r	2'-0	16	4'-0	1'-10	12-3/4"	2870
	16'	12'	13'-6 ¹ / ₄	18 54.7r	2'-0	16	4'-0	1'-10	12-7/8"	3175
	18'	12'	13'-6 ¹ / ₄	18 54.7r	2'-0	18	4'-0	1'-10	12-7/8"	3260
	20'	12'	13'-8 ¹ / ₄	20 65.4r	2'-0	18	4'-0	1'-10	12-1"	3620
4000#	8'	12'	13'-0	12 31.8	2'-0	16	3'-6	1'-7	6-1"	2160
	10'	12'	13'-3	15 42.9	2'-0	16	3'-6	1'-7	6-1 ¹ / ₈ "	2475
	12'	12'	13'-3 ¹ / ₄	15 42.9r	2'-0	18	4'-0	1'-10	12-7/8"	2680
	14'	12'	13'-6 ¹ / ₄	18 54.7r	2'-0	18	4'-0	1'-10	12-7/8"	2960
	16'	12'	13'-6 ¹ / ₄	18 54.7r	2'-0	18	4'-0	1'-10	12-1"	3275
	18'	12'	13'-8 ¹ / ₄	20 65.4r	2'-6	18	4'-0	1'-10	12-1"	3815
	20'	12'	14'-0 ¹ / ₄	24 79.9r	2'-6	18	4'-6	2'-1	12-1"	4385
6000#	8'	12'	13'-3	15 42.9	2'-0	18	3'-6	1'-7	6-1 ¹ / ₈ "	2485
	10'	12'	13'-3 ¹ / ₄	15 42.9r	2'-0	18	4'-0	1'-10	12-7/8"	2855
	12'	12'	13'-6 ¹ / ₄	18 54.7r	2'-0	18	4'-0	1'-10	12-1"	3310
	14'	12'	13'-6 ³ / ₈	18 54.7r	2'-6	20	4'-6	2'-1	12-1"	3600
	16'	12'	13'-8 ¹ / ₄	20 65.4r	2'-6	20	4'-6	2'-1	12-1"	4045
	18'	12'	14'-0 ¹ / ₄	24 79.9r	2'-6	20	4'-6	2'-1	12-1 ¹ / ₈ "	4480
	20'	12'	14'-0 ³ / ₈	24 79.9r	2'-6	24	4'-6	2'-1	12-1 ¹ / ₄ "	4580
8000#	8'	12'	13'-3	15 42.9	2'-0	18	4'-0	1'-10	12-7/8"	2995
	10'	12'	13'-6 ¹ / ₄	18 54.7r	2'-0	18	4'-0	1'-10	12-1"	3395
	12'	12'	13'-6 ¹ / ₄	18 54.7r	2'-6	20	4'-6	2'-1	12-1"	3810
	14'	12'	13'-8 ¹ / ₄	20 65.4r	2'-6	24	4'-6	2'-1	12-1 ¹ / ₈ "	4130
	16'	12'	14'-0 ¹ / ₄	24 79.9r	2'-6	24	4'-6	2'-1	12-1 ¹ / ₄ "	4620
	18'	12'	14'-0 ³ / ₈	24 79.9r	2'-6	24	5'-0	2'-4	12-1 ¹ / ₄ "	5205
	20'	12'	14'-0 ⁵ / ₈	24 79.9r	2'-6	24	5'-0	2'-4	12-1 ¹ / ₄ "	5705
10,000#	8'	12'	13'-6	18 54.7	2'-6	20	4'-0	1'-10	12-1"	3080
	10'	12'	13'-6 ¹ / ₄	18 54.7r	2'-6	20	4'-0	1'-10	12-1 ¹ / ₈ "	3585
	12'	12'	13'-8 ¹ / ₄	20 65.4r	2'-6	24	4'-6	2'-1	12-1 ¹ / ₈ "	4080
	14'	12'	14'-0 ¹ / ₄	24 79.9r	2'-6	24	4'-6	2'-1	12-1 ¹ / ₄ "	4545
	16'	12'	14'-0 ³ / ₈	24 79.9r	2'-6	24	5'-0	2'-4	12-1 ¹ / ₄ "	5130
	18'	12'	14'-0 ⁵ / ₈	24 79.9r	2'-6	26	5'-0	2'-4	12-1 ¹ / ₂ "	5280
	20'	12'	14'-0 ¹ / ₄	24 105.9r	2'-6	26	5'-0	2'-4	12-1 ¹ / ₂ "	6400

Letter dimensions pertain to Drawing "BMJ".

Pipe columns and beams are sized for a maximum deflection of 0.075 inches per foot of reach (¾" at the end of a 10'-0 beam).

* Denotes number and size of anchor bolts; 6-¾" indicates six bolts ¾" diameter spaced as shown on drawing.

"r" denotes reinforced beams.

Heights to 30'-0, spans to 30'-0 and capacities to 10 tons are available. Consult Kranco for dimensions and prices.

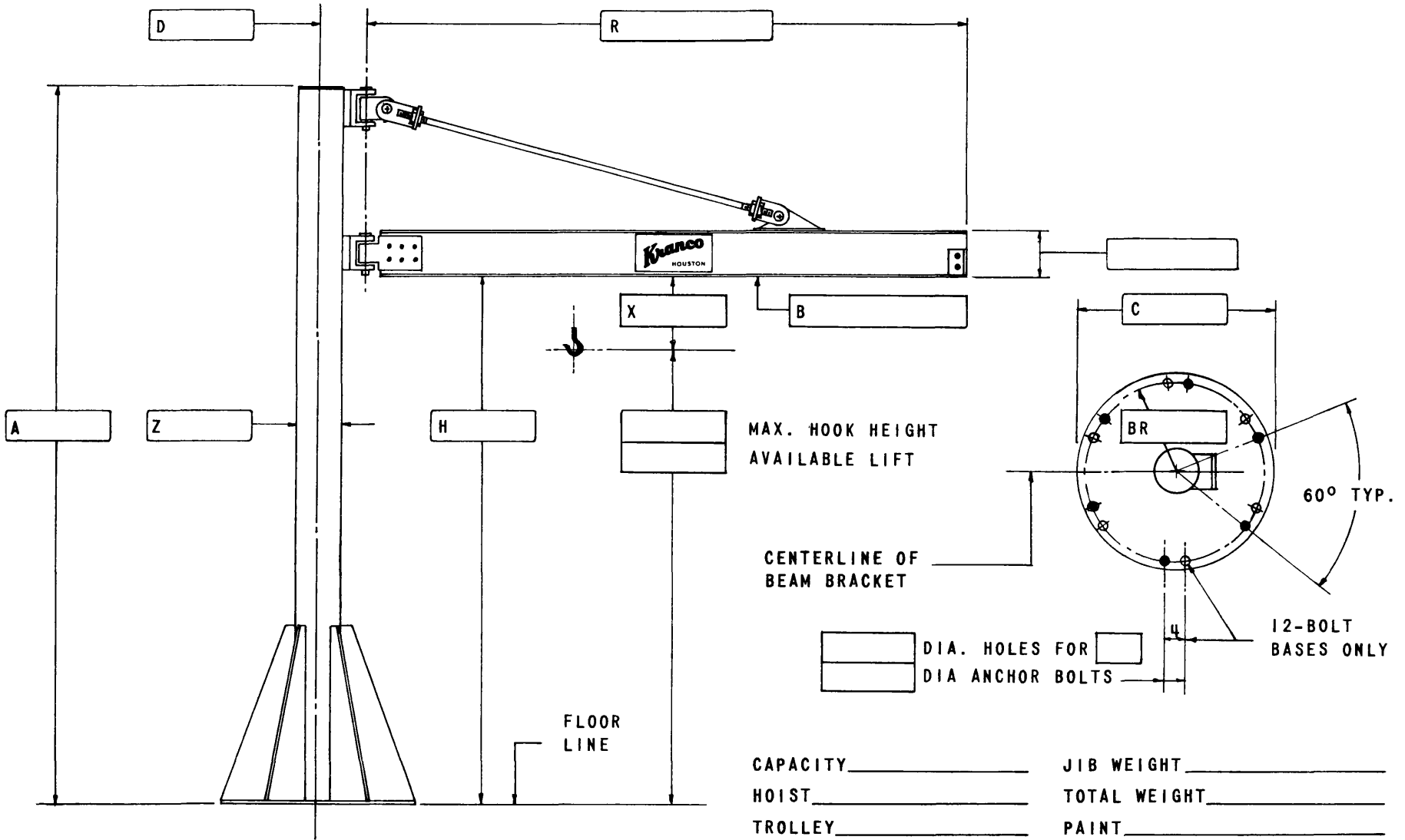
CAPACITY (Lbs.)	REACH R	HEIGHT H	A	BEAM B	E	Z	J	NET WT. (Lbs.)
500#	8'	10'	10'-6	6112.5	1'-6	8 ⁵ / ₈	4'-0	780
	10'	10'	10'-7	7115.3	1'-6	8 ⁵ / ₈	4'-0	900
	12'	10'	10'-8	8118.4	1'-6	8 ⁵ / ₈	4'-0	1025
	14'	10'	10'-10	10125.4	1'-6	8 ⁵ / ₈	4'-0	1170
	16'	10'	10'-10	10125.4	2'-0	10 ³ / ₄	4'-0	1310
	18'	10'	11'-0	12131.8	2'-0	10 ³ / ₄	4'-0	1485
	20'	10'	11'-0	12131.8	2'-0	10 ³ / ₄	4'-0	1550
1000#	8'	10'	10'-8	8118.4	2'-0	10 ³ / ₄	4'-0	1035
	10'	10'	10'-10	10125.4	2'-0	10 ³ / ₄	4'-0	1155
	12'	10'	11'-0	12131.8	2'-0	10 ³ / ₄	4'-0	1340
	14'	10'	11'-0	12131.8	2'-0	12 ³ / ₄	4'-0	1445
	16'	10'	11'-3	15142.9	2'-0	12 ³ / ₄	4'-0	1710
	18'	10'	11'-3	15142.9	2'-0	12 ³ / ₄	4'-0	1795
	20'	10'	11'-3 ¹ / ₄	15142.9r	2'-0	12 ³ / ₄	4'-0	1985
2000#	8'	10'	10'-10	10125.4	2'-0	12 ³ / ₄	4'-0	1245
	10'	10'	11'-0	12131.8	2'-0	12 ³ / ₄	4'-0	1485
	12'	10'	11'-0	12131.8	2'-0	14	4'-0	1620
	14'	10'	11'-3	15142.9	2'-0	14	4'-0	1860
	16'	10'	11'-3 ¹ / ₄	15142.9r	2'-0	14	4'-0	2120
	18'	10'	11'-3 ¹ / ₄	15142.9r	2'-0	16	4'-0	2405
	20'	10'	11'-6 ¹ / ₄	18154.7r	2'-0	16	4'-0	2860
3000#	8'	12'	13'-0	12131.8	2'-0	14	4'-0	1620
	10'	12'	13'-3	15142.9	2'-0	14	4'-0	1955
	12'	12'	13'-3	15142.9	2'-0	16	4'-0	2310
	14'	12'	13'-3 ¹ / ₄	15142.9r	2'-0	16	4'-0	2675
	16'	12'	13'-6 ¹ / ₄	18154.7r	2'-0	16	4'-0	2980
	18'	12'	13'-6 ¹ / ₄	18154.7r	2'-0	18	4'-0	3085
	20'	12'	13'-8 ¹ / ₄	20165.4r	2'-0	18	4'-0	3445
4000#	8'	12'	13'-0	12131.8	2'-0	16	4'-0	1945
	10'	12'	13'-3	15142.9	2'-0	16	4'-0	2300
	12'	12'	13'-3 ¹ / ₄	15142.9r	2'-0	18	4'-0	2480
	14'	12'	13'-6 ¹ / ₄	18154.7r	2'-0	18	4'-0	2760
	16'	12'	13'-6 ¹ / ₄	18154.7r	2'-0	18	4'-0	3145
	18'	12'	13'-8 ¹ / ₄	20165.4r	2'-6	18	5'-0	3825
	20'	12'	14'-0 ¹ / ₄	24179.9r	2'-6	18	5'-0	4285
6000#	8'	12'	13'-3	15142.9	2'-0	18	4'-0	2320
	10'	12'	13'-3 ¹ / ₄	15142.9r	2'-0	18	4'-0	2700
	12'	12'	13'-6 ¹ / ₄	18154.7r	2'-0	18	4'-0	3225
	14'	12'	13'-6 ³ / ₈	18154.7r	2'-6	20	5'-0	3500
	16'	12'	13'-8 ¹ / ₄	20165.4r	2'-6	20	5'-0	4005
	18'	12'	14'-0 ¹ / ₄	24179.9r	2'-6	20	5'-0	4440
	20'	12'	14'-0 ³ / ₈	24179.9r	2'-6	24	5'-0	4470
8000#	8'	12'	13'-3	15142.9	2'-0	18	4'-0	2820
	10'	12'	13'-6 ¹ / ₄	18154.7r	2'-0	18	5'-0	3405
	12'	12'	13'-6 ¹ / ₄	18154.7r	2'-6	20	5'-0	3770
	14'	12'	13'-8 ¹ / ₄	20165.4r	2'-6	24	5'-0	3980
	16'	12'	14'-0 ¹ / ₄	24179.9r	2'-6	24	5'-0	4510
	18'	12'	14'-0 ³ / ₈	24179.9r	2'-6	24	5'-0	4955
	20'	12'	14'-0 ⁵ / ₈	24179.9r	2'-6	24	5'-0	5575
10,000#	8'	12'	13'-6	18154.7	2'-6	20	5'-0	2990
	10'	12'	13'-6 ¹ / ₄	18154.7r	2'-6	20	5'-0	3655
	12'	12'	13'-8 ¹ / ₄	20165.4r	2'-6	24	5'-0	3970
	14'	12'	14'-0 ¹ / ₄	24179.9r	2'-6	24	5'-0	4475
	16'	12'	14'-0 ³ / ₈	24179.9r	2'-6	24	5'-0	4920
	18'	12'	14'-0 ⁵ / ₈	24179.9r	2'-6	26	5'-0	5000
	20'	12'	14'-0 ¹ / ₄	241105.9r	2'-6	26	5'-0	6330

Letter dimensions pertain to Drawing "BMJ-EC".

Pipe columns and beams are sized for a maximum deflection of 0.075 inches per foot of reach (¾" at the end of a 10'-0 beam). "r" denotes reinforced beams.

Foundation sizes will be determined by local soil conditions.

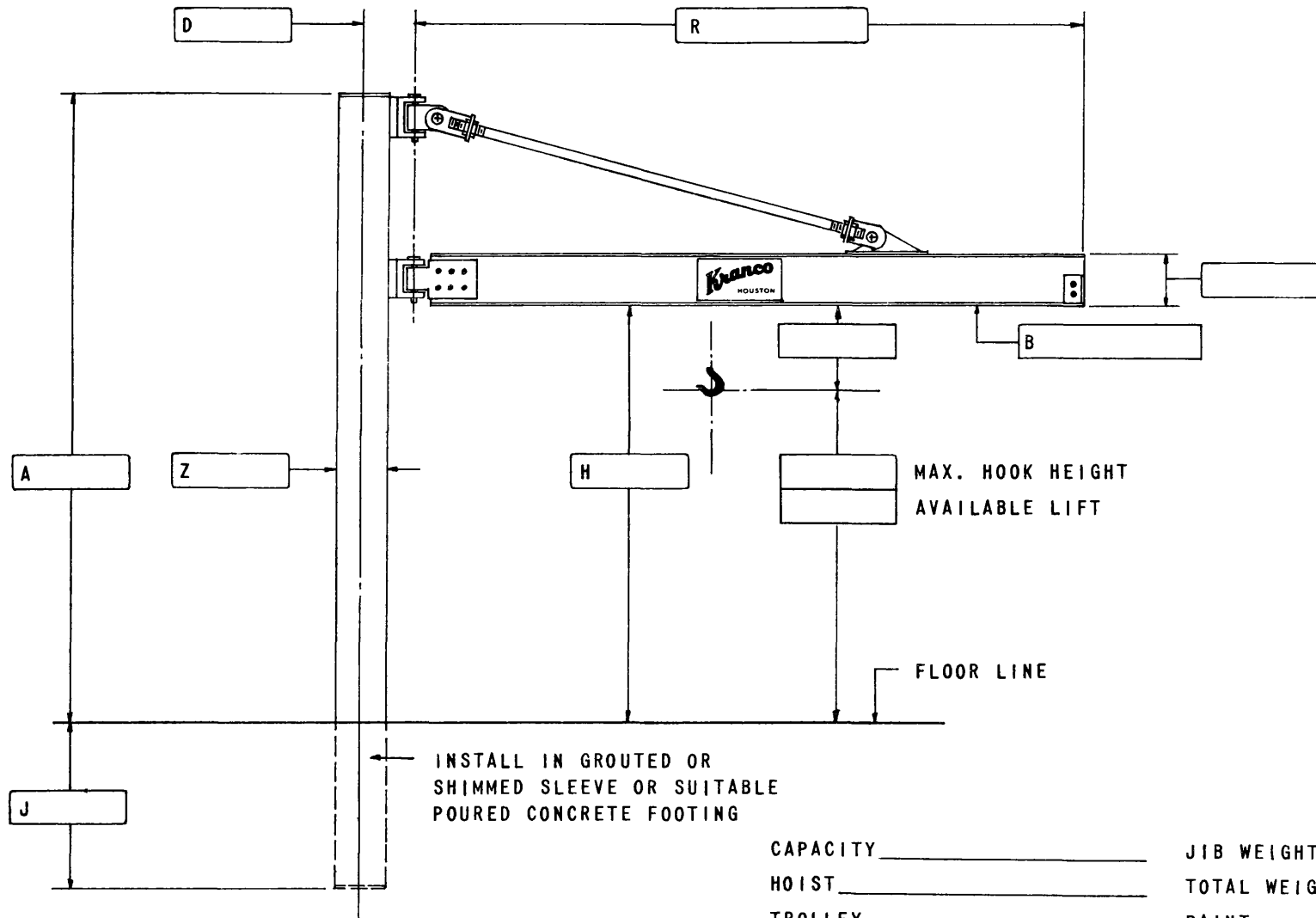
Heights to 30'-0, Spans to 30'-0 and capacities to 10 tons are available. Consult Kranco for dimensions and prices.



	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS
BASE MOUNTED JIB CRANE - 200° ROTATION

ESTIMATE NO.	
JOB NO.	
DRAWING NO. 200-BMJ	
REV. 6/67	



INSTALL IN GROUTED OR SHIMMED SLEEVE OR SUITABLE POURED CONCRETE FOOTING

CAPACITY _____ JIB WEIGHT _____
 HOIST _____ TOTAL WEIGHT _____
 TROLLEY _____ PAINT _____

	BY	DATE	SCALE
DRAWN			NTS
CHK'D			
APPR.			

KRANCO, INC.
 HOUSTON, TEXAS

EXTENDED COLUMN JIB CRANE - 200° ROTATION

ESTIMATE NO.	
JOB NO.	
DRAWING NO. 200-BMJ-EC	
REV. 6/67	

KRANCO, INC.

BASE MOUNTED JIB CRANES - 200° ROTATION

TYPE
200
BMJ

CAPACITY (Lbs.)	REACH R	HEIGHT H	A	BEAM B	D	Z	C	BR	ANCHOR BOLTS *	NET WT. (Lbs.)
500#	8'	10'	13'-9	6 12.5	10	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	755
	10'	10'	14'-7	6 12.5	10	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	880
	12'	10'	15'-5	6 12.5	10	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	990
	14'	10'	16'-3	7 15.3	10	8 ⁵ / ₈	2'-6	1'-1	6-3/4"	1085
	16'	10'	17'-1	7 15.3	11	10 ³ / ₄	3'-0	1'-4	6-3/4"	1185
	18'	10'	17'-10	7 15.3	11	10 ³ / ₄	3'-0	1'-4	6-3/4"	1245
	20'	10'	18'-8	7 15.3	11	10 ³ / ₄	3'-0	1'-4	6-3/4"	1315
1000#	8'	10'	13'-9	6 12.5	11	10 ³ / ₄	3'-0	1'-4	6-3/4"	915
	10'	10'	14'-7	6 12.5	11	10 ³ / ₄	3'-0	1'-4	6-3/4"	970
	12'	10'	15'-5	6 12.5	11	10 ³ / ₄	3'-0	1'-4	6-3/4"	1080
	14'	10'	16'-3	7 15.3	1'-0	12 ³ / ₄	3'-0	1'-4	6-3/4"	1215
	16'	10'	17'-1	7 15.3	1'-0	12 ³ / ₄	3'-6	1'-7	6-7/8"	1425
	18'	10'	17'-10	8 18.4	1'-0	12 ³ / ₄	3'-6	1'-7	6-7/8"	1545
	20'	10'	18'-10	10 25.4	1'-0	12 ³ / ₄	3'-6	1'-7	6-1"	1840
2000#	8'	10'	13'-9	6 12.5	1'-0	12 ³ / ₄	3'-0	1'-4	6-7/8"	985
	10'	10'	14'-7	6 12.5	1'-0	12 ³ / ₄	3'-0	1'-4	6-7/8"	1170
	12'	10'	15'-5	6 12.5	1'-1	14	3'-0	1'-4	6-1"	1300
	14'	10'	16'-3	7 15.3	1'-1	14	3'-6	1'-7	6-1"	1565
	16'	10'	17'-2	8 18.4	1'-1	14	3'-6	1'-7	6-1"	1835
	18'	10'	17'-10	8 18.4	1'-2	16	4'-0	1'-10	12-3/4"	1985
	20'	10'	18'-10	10 25.4	1'-2	16	4'-0	1'-10	12-7/8"	2220
3000#	8'	12'	15'-11	8 18.4	1'-2	14	3'-6	1'-7	6-7/8"	1570
	10'	12'	16'-9	8 18.4	1'-2	14	3'-6	1'-7	6-1"	1810
	12'	12'	17'-7	8 18.4	1'-3	16	3'-6	1'-7	6-1"	1955
	14'	12'	18'-4	8 18.4	1'-3	16	4'-0	1'-10	12-3/4"	2430
	16'	12'	19'-3	10 25.4	1'-3	16	4'-0	1'-10	12-7/8"	2545
	18'	12'	20'-0	10 25.4	1'-4	18	4'-0	1'-10	12-7/8"	2725
	20'	12'	20'-10	10 25.4	1'-4	18	4'-0	1'-10	12-1"	2860
4000#	8'	12'	15'-11	8 18.4	1'-3	16	3'-6	1'-7	6-1"	1675
	10'	12'	16'-9	8 18.4	1'-3	16	3'-6	1'-7	6-1 1/8"	1940
	12'	12'	17'-7	8 18.4	1'-4	18	4'-0	1'-10	12-7/8"	2185
	14'	12'	18'-4	8 18.4	1'-4	18	4'-0	1'-10	12-7/8"	2585
	16'	12'	19'-3	10 25.4	1'-4	18	4'-0	1'-10	12-1"	2725
	18'	12'	20'-1	12 31.8	1'-4	18	4'-0	1'-10	12-1"	3300
	20'	12'	20'-11	12 31.8	1'-4	18	4'-6	2'-1	12-1"	3625
6000#	8'	12'	16'-0	10 25.4	1'-5	18	3'-6	1'-7	6-1 1/8"	1930
	10'	12'	16'-10	10 25.4	1'-5	18	4'-0	1'-10	12-7/8"	2440
	12'	12'	17'-8	10 25.4	1'-5	18	4'-0	1'-10	12-1"	2875
	14'	12'	18'-5	10 25.4	1'-6	20	4'-6	2'-1	12-1"	3140
	16'	12'	19'-4	12 31.8	1'-6	20	4'-6	2'-1	12-1"	3630
	18'	12'	20'-1	12 31.8	1'-6	20	4'-6	2'-1	12-1 1/8"	3785
	20'	12'	21'-1	15 42.9	1'-8	24	4'-6	2'-1	12-1 1/4"	3950
8000#	8'	12'	16'-9	12 31.8	1'-5	18	4'-0	1'-10	12-7/8"	2705
	10'	12'	17'-7	12 31.8	1'-5	18	4'-0	1'-10	12-1"	3060
	12'	12'	18'-5	12 31.8	1'-6	20	4'-6	2'-1	12-1"	3580
	14'	12'	19'-2	12 31.8	1'-8	24	4'-6	2'-1	12-1 1/8"	3650
	16'	12'	20'-2	15 42.9	1'-8	24	4'-6	2'-1	12-1 1/4"	3750
	18'	12'	20'-11	15 42.9	1'-8	24	5'-0	2'-4	12-1 1/4"	4565
	20'	12'	21'-9	15 42.9	1'-8	24	5'-0	2'-4	12-1 1/4"	5275
10,000#	8'	12'	16'-9	12 31.8	1'-6	20	4'-0	1'-10	12-1"	2790
	10'	12'	17'-7	12 31.8	1'-6	20	4'-0	1'-10	12-1 1/8"	3445
	12'	12'	18'-5	12 31.8	1'-8	24	4'-6	2'-1	12-1 1/8"	3650
	14'	12'	19'-2	12 31.8	1'-8	24	4'-6	2'-1	12-1 1/4"	3860
	16'	12'	20'-2	15 42.9	1'-8	24	5'-0	2'-4	12-1 1/4"	4545
	18'	12'	20'-11	15 42.9	1'-9	26	5'-0	2'-4	12-1 1/2"	4925
	20'	12'	21'-9	15 42.9	1'-9	26	5'-0	2'-4	12-1 1/2"	5505

Letter dimensions pertain to drawing "200-BMJ".

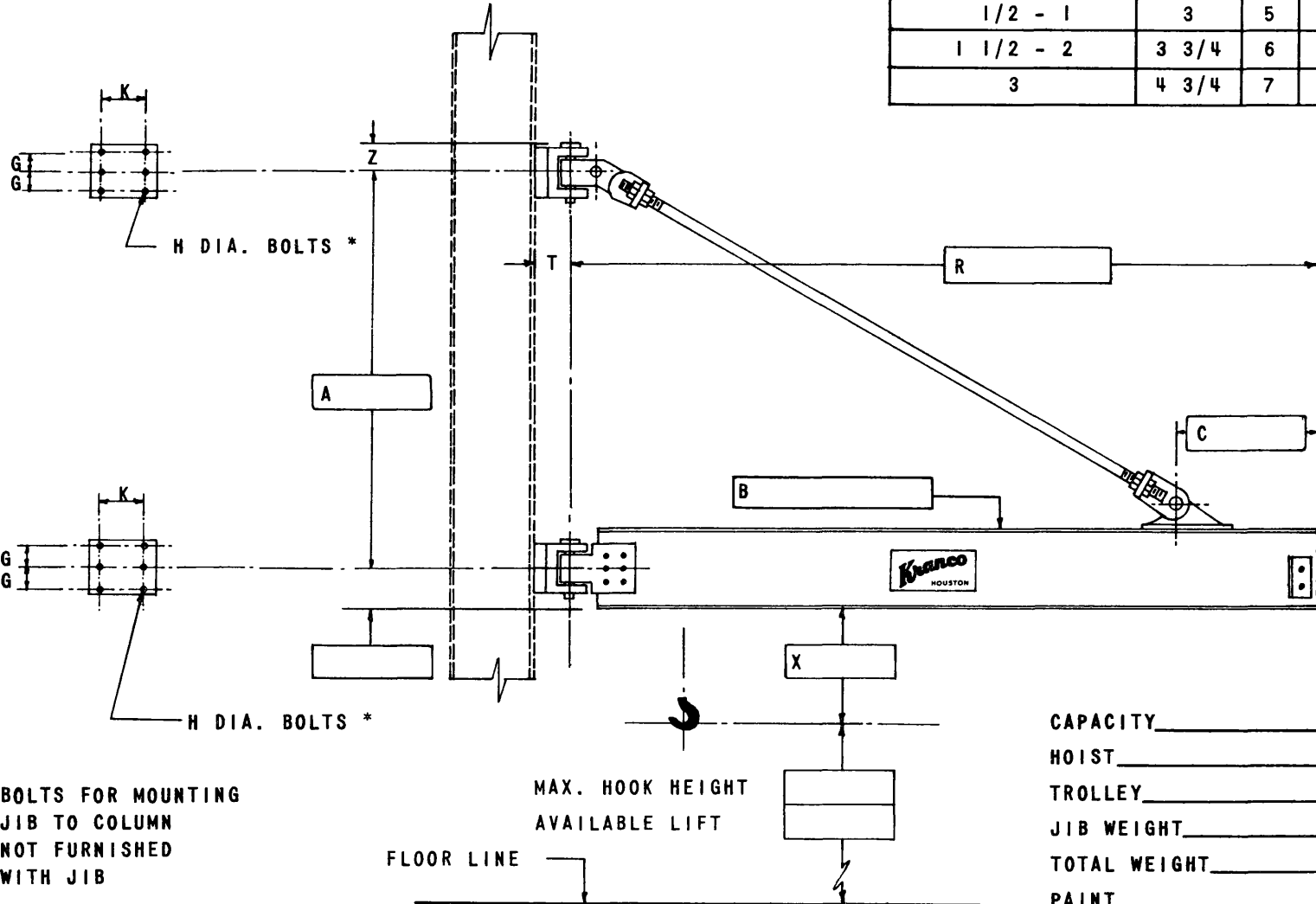
Pipe columns and beams are sized for a maximum deflection of 0.075 inches per foot of reach (3/4" at the end of a 10'-0 beam).

*Denotes number and size of anchor bolts; 6-3/4" indicates six bolts 3/4" diameter spaced as shown on drawing.

CAPACITY (Lbs.)	REACH R	HEIGHT H	A	BEAM B	D	Z	J	NET WT. (Lbs.)
500#	8'	10'	13'-9	6 12.5	10	8 ⁵ / ₈	4'-0	655
	10'	10'	14'-7	6 12.5	10	8 ⁵ / ₈	4'-0	795
	12'	10'	15'-5	6 12.5	10	8 ⁵ / ₈	4'-0	920
	14'	10'	16'-3	7 15.3	10	8 ⁵ / ₈	4'-0	1020
	16'	10'	17'-1	7 15.3	11	10 ³ / ₄	4'-0	1035
	18'	10'	17'-10	7 15.3	11	10 ³ / ₄	4'-0	1095
	20'	10'	18'-8	7 15.3	11	10 ³ / ₄	4'-0	1160
1000#	8'	10'	13'-9	6 12.5	11	10 ³ / ₄	4'-0	760
	10'	10'	14'-7	6 12.5	11	10 ³ / ₄	4'-0	820
	12'	10'	15'-5	6 12.5	11	10 ³ / ₄	4'-0	940
	14'	10'	16'-3	7 15.3	1'-0	12 ³ / ₄	4'-0	1095
	16'	10'	17'-1	7 15.3	1'-0	12 ³ / ₄	4'-0	1155
	18'	10'	17'-10	8 18.4	1'-0	12 ³ / ₄	4'-0	1275
	20'	10'	18'-10	10 25.4	1'-0	12 ³ / ₄	4'-0	1585
2000#	8'	10'	13'-9	6 12.5	1'-0	12 ³ / ₄	4'-0	870
	10'	10'	14'-7	6 12.5	1'-0	12 ³ / ₄	4'-0	1080
	12'	10'	15'-5	6 12.5	1'-1	14	4'-0	1235
	14'	10'	16'-3	7 15.3	1'-1	14	4'-0	1345
	16'	10'	17'-2	8 18.4	1'-1	14	4'-0	1655
	18'	10'	17'-10	8 18.4	1'-2	16	4'-0	1710
	20'	10'	18'-10	10 25.4	1'-2	16	4'-0	1945
3000#	8'	12'	15'-11	8 18.4	1'-2	14	4'-0	1350
	10'	12'	16'-9	8 18.4	1'-2	14	4'-0	1625
	12'	12'	17'-7	8 18.4	1'-3	16	4'-0	1805
	14'	12'	18'-4	8 18.4	1'-3	16	4'-0	2240
	16'	12'	19'-3	10 25.4	1'-3	16	4'-0	2355
	18'	12'	20'-0	10 25.4	1'-4	18	4'-0	2540
	20'	12'	20'-10	10 25.4	1'-4	18	4'-0	2675
4000#	8'	12'	15'-11	8 18.4	1'-3	16	4'-0	1500
	10'	12'	16'-9	8 18.4	1'-3	16	4'-0	1810
	12'	12'	17'-7	8 18.4	1'-4	18	4'-0	1975
	14'	12'	18'-4	8 18.4	1'-4	18	4'-0	2395
	16'	12'	19'-3	10 25.4	1'-4	18	4'-0	2580
	18'	12'	20'-1	12 31.8	1'-4	18	5'-0	3295
	20'	12'	20'-11	12 31.8	1'-4	18	5'-0	3495
6000#	8'	12'	16'-0	10 25.4	1'-5	18	4'-0	1795
	10'	12'	16'-10	10 25.4	1'-5	18	4'-0	2275
	12'	12'	17'-8	10 25.4	1'-5	18	4'-0	2780
	14'	12'	18'-5	10 25.4	1'-6	20	5'-0	3005
	16'	12'	19'-4	12 31.8	1'-6	20	5'-0	3560
	18'	12'	20'-1	12 31.8	1'-6	20	5'-0	3715
	20'	12'	21'-1	15 42.9	1'-8	24	5'-0	3890
8000#	8'	12'	16'-9	12 31.8	1'-5	18	4'-0	2565
	10'	12'	17'-7	12 31.8	1'-5	18	5'-0	3055
	12'	12'	18'-5	12 31.8	1'-6	20	5'-0	3490
	14'	12'	19'-2	12 31.8	1'-8	24	5'-0	3550
	16'	12'	20'-2	15 42.9	1'-8	24	5'-0	3630
	18'	12'	20'-11	15 42.9	1'-8	24	5'-0	4200
	20'	12'	21'-9	15 42.9	1'-8	24	5'-0	5025
10,000#	8'	12'	16'-9	12 31.8	1'-6	20	5'-0	2610
	10'	12'	17'-7	12 31.8	1'-6	20	5'-0	3335
	12'	12'	18'-5	12 31.8	1'-8	24	5'-0	3560
	14'	12'	19'-2	12 31.8	1'-8	24	5'-0	3680
	16'	12'	20'-2	15 42.9	1'-8	24	5'-0	4220
	18'	12'	20'-11	15 42.9	1'-9	26	5'-0	4670
	20'	12'	21'-9	15 42.9	1'-9	26	5'-0	5335

Letter dimensions pertain to drawing "200-BMJ-EC".
 Pipe columns and beams are sized for a maximum deflection of 0.075 inches per foot of reach (¾" at the end of a 10'-0 beam)
 Foundation sizes will be determined by local soil conditions.

CAPACITY (TONS)	T	K	G	H	Z
1/2 - 1	3	5	2 1/4	3/4	3 1/2
1 1/2 - 2	3 3/4	6	2 5/8	7/8	4 1/2
3	4 3/4	7	3	1	5



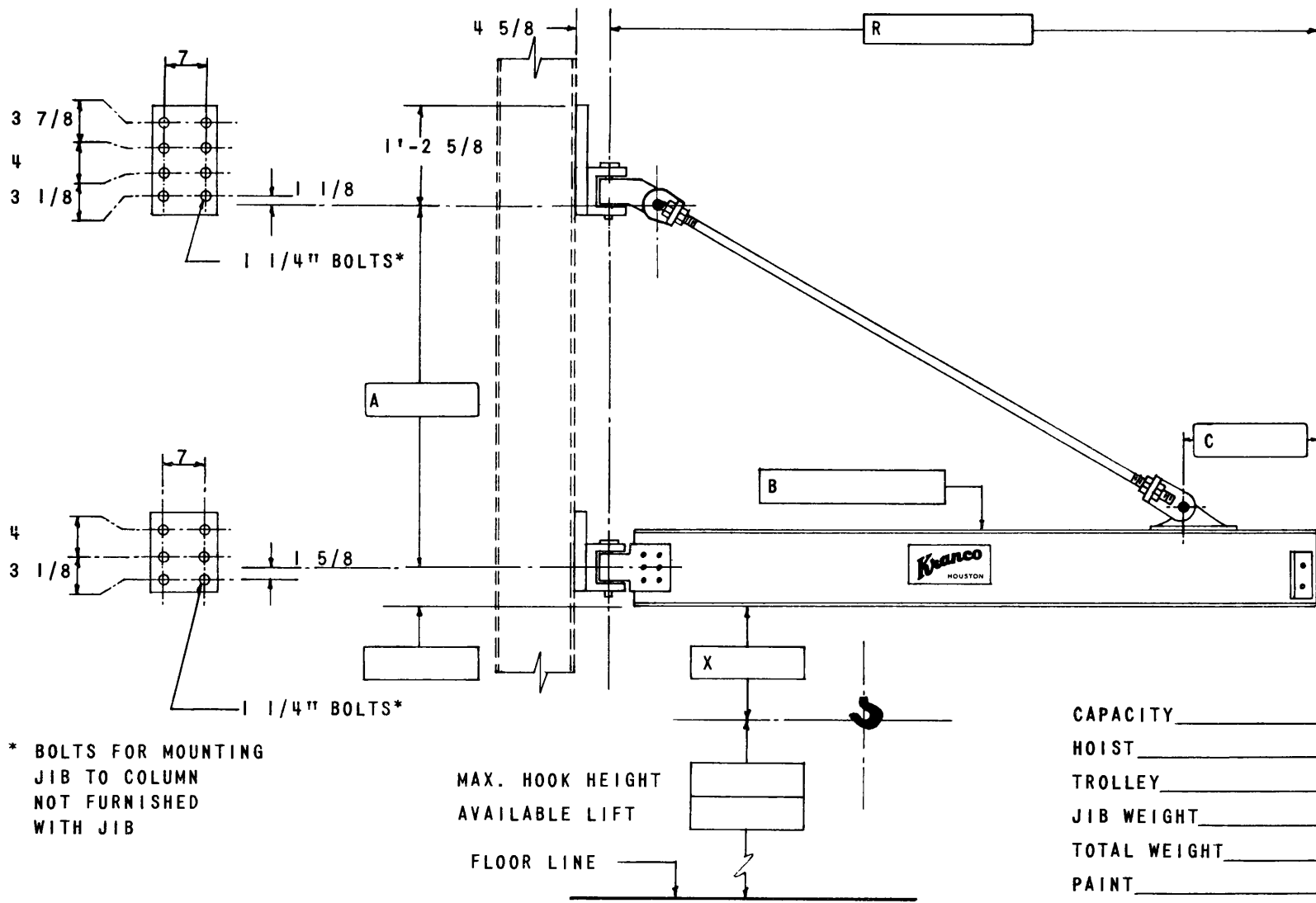
* BOLTS FOR MOUNTING
JIB TO COLUMN
NOT FURNISHED
WITH JIB

MAX. HOOK HEIGHT
AVAILABLE LIFT

FLOOR LINE

CAPACITY _____
 HOIST _____
 TROLLEY _____
 JIB WEIGHT _____
 TOTAL WEIGHT _____
 PAINT _____

	BY	DATE	SCALE	KRANCO, INC. HOUSTON, TEXAS WALL BRACKET JIB CRANE - 180° ROTATION	ESTIMATE NO.
DRAWN			NTS		JOB NO.
CHK'D					DRAWING NO. WBJ-1
APPR.					REV. 6/67



* BOLTS FOR MOUNTING
 JIB TO COLUMN
 NOT FURNISHED
 WITH JIB

MAX. HOOK HEIGHT
 AVAILABLE LIFT
 FLOOR LINE

CAPACITY _____
 HOIST _____
 TROLLEY _____
 JIB WEIGHT _____
 TOTAL WEIGHT _____
 PAINT _____

	BY	DATE	SCALE	KRANCO, INC. HOUSTON, TEXAS	ESTIMATE NO.								
DRAWN			NTS		JOB NO.								
CHK'D				5 TON WALL BRACKET JIB CRANE - 180° ROTATION					DRAWING NO. WBJ-2				
APPR.									REV. 6/67				

KRANCO, INC.

WALL BRACKET JIB CRANES - 180° ROTATION

TYPE
WBJ

CAPACITY (Lbs.)	REACH R	A	BEAM B	C	NET WT. (Lbs.)
1000#	8'	3'-2	6 12.5	1'-9	205
	10'	4'-0	6 12.5	2'-2	240
	12'	4'-10	6 12.5	2'-7	275
	14'	5'-7	7 15.3	3'-1	350
	16'	6'-5	7 15.3	3'-6	385
	18'	7'-2	8 18.4	3'-9	480
	20'	8'-0	10 25.4	3'-9	670
2000#	8'	3'-2	6 12.5	1'-9	205
	10'	4'-0	6 12.5	2'-2	240
	12'	4'-10	6 12.5	2'-7	275
	14'	5'-7	7 15.3	3'-1	350
	16'	6'-5	8 18.4	3'-6	430
	18'	7'-2	8 18.4	3'-9	480
	20'	8'-0	10 25.4	3'-9	670
3000#	8'	3'-2	8 18.4	1'-9	350
	10'	4'-0	8 18.4	2'-2	400
	12'	4'-10	8 18.4	2'-7	450
	14'	5'-7	8 18.4	3'-1	505
	16'	6'-5	10 25.4	3'-6	550
	18'	7'-2	10 25.4	3'-9	720
	20'	8'-0	10 25.4	3'-9	800
4000#	8'	3'-2	8 18.4	1'-9	350
	10'	4'-0	8 18.4	2'-2	400
	12'	4'-10	8 18.4	2'-7	450
	14'	5'-7	8 18.4	3'-1	505
	16'	6'-5	10 25.4	3'-6	550
	18'	7'-2	12 31.8	3'-9	835
	20'	8'-0	12 31.8	3'-9	925
6000#	8'	3'-2	10 25.4	1'-9	465
	10'	4'-0	10 25.4	2'-2	535
	12'	4'-10	10 25.4	2'-7	605
	14'	5'-7	10 25.4	3'-1	675
	16'	6'-5	12 31.8	3'-6	835
	18'	7'-2	12 31.8	3'-9	915
	20'	8'-0	15 42.9	3'-9	1225
10,000#	8'	3'-2	12 31.8	1'-9	655
	10'	4'-0	12 31.8	2'-2	740
	12'	4'-10	12 31.8	2'-7	830
	14'	5'-7	12 31.8	3'-1	910
	16'	6'-5	15 42.9	3'-6	1160
	18'	7'-2	15 42.9	3'-9	1265
	20'	8'-0	15 42.9	3'-9	1385

Letter dimensions pertain to drawing "WBJ-1" or "WBJ-2".