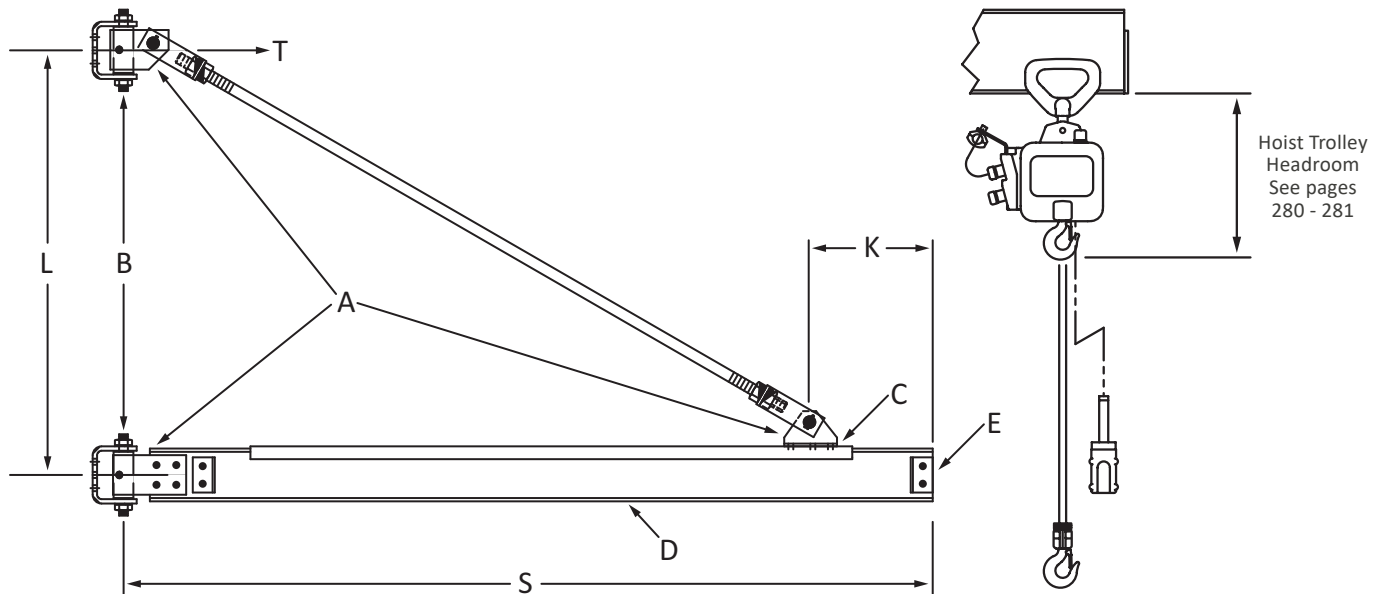




Model D180

Tension-Braced Jib

This crane puts the economy back into a column-mounted unit. This inexpensive jib crane provides a fast and easy to install solution to a localized material handling problem. Easy to install fittings simply bolt to the column and beam. This “friction free” 180° rotating crane can also be pushed out of the way when not in use.

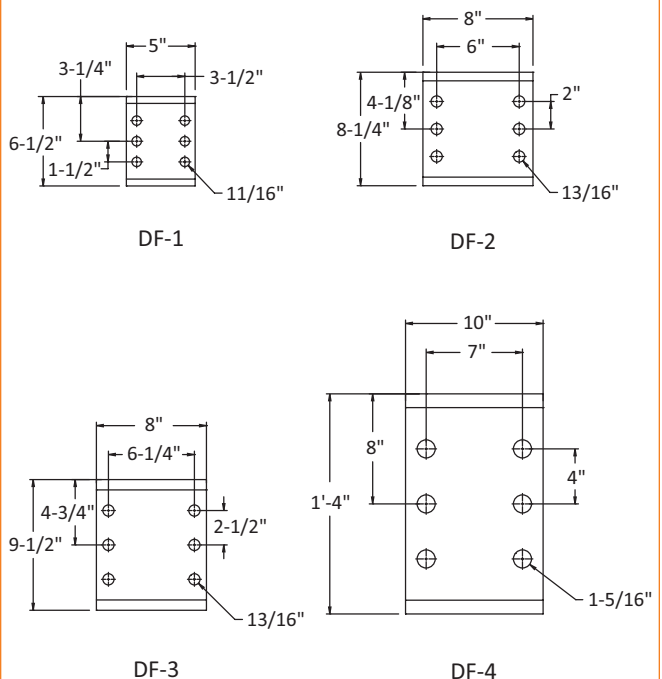
Product Features:

- A. Fittings are heavy-duty steel weldments, jig welded to insure proper bearing alignment.
- B. Axles are Grade 8 bolts with lock washers and nuts. Lubricated bronze shoulders bushings are used.
- C. Fitting is bolted to top flange of beam, which allows for single-location “leveling down” of the beam if an adjustment is required.
- D. American Standard Wide Flange beams, selected to properly handle all imposed forces and loads.
- E. End stops provide a positive hoist/trolley stop allowing for the maximum in trolley travel.

Fitting Kits:

To be used to build complete cranes in accordance with the information provided on the next page. Kits include: Three fittings and assembly instructions. Tension rod available upon request.

FITTING DIMENSIONS



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Tension & Cantilevered Jib Cranes | Jib & Gantry Cranes

Model Number	S Span (ft.)	Fitting Number	Boom Height (in.)	Flange Width (in.)	K (in.)	L**	T - Thrust & Pull (lbs.) [†]	Unit Weight (lbs.)
1/2 Metric Tons Capacity								
D180-1/2-8	8	DF-1	6-1/4	4	15	2'9"	3930	205
D180-1/2-10	10		6-1/4	4	18	3'	4550	240
D180-1/2-12	12		6-1/4	4	21	3'9"	4400	275
D180-1/2-14	14		6-1/4	4	24	4'6"	4325	312
D180-1/2-16	16		6-1/4	4	24	5'6"	4075	347
D180-1/2-18	18		8-1/4	5-1/4	24	6'	4320	433
D180-1/2-20	20		8-1/4	5-1/4	27	6'6"	4565	540
D180-1/2-22	22		8-1/4	5-1/4	27	7'	5060	842
D180-1/2-24	24		8-1/4	5-1/4	30	7'6"	5315	913
D180-1/2-26	26		10-3/8	5-3/4	30	8'	5795	1168
D180-1/2-28	28		10-3/8	5-3/4	36	9'	5650	1251
D180-1/2-30	30		12-1/2	6-1/2	42	10'	6020	1641
1 Metric Tons Capacity								
D180-1-8	8	DF-1	6-1/4	4	15	2'9"	7710	205
D180-1-10	10		6-1/4	4	18	3'	8885	240
D180-1-12	12		6-1/4	4	21	3'9"	8560	275
D180-1-14	14		8-1/4	5-1/4	24	4'6"	8425	352
D180-1-16	16		8-1/4	5-1/4	27	5'6"	7920	395
D180-1-18	18		8-1/4	5-1/4	30	6'	8295	495
D180-1-20	20		10-3/8	5-3/4	30	6'6"	8650	683
D180-1-22	22		10-3/8	5-3/4	33	7'	9450	1004
D180-1-24	24		10-3/8	5-3/4	33	7'6"	9740	1089
D180-1-26	26		10-3/8	5-3/4	36	8'	10010	1168
D180-1-28	28		12-1/2	6-1/2	42	9'	10145	1548
D180-1-30	30		12-1/2	6-1/2	42	10'	9920	1641
2 Metric Tons Capacity								
D180-2-8	8	DF-2	8-1/4	5-1/4	15	2'9"	15345	363
D180-2-10	10		8-1/4	5-1/4	18	3'	17640	420
D180-2-12	12		8-1/4	5-1/4	21	3'9"	16990	480
D180-2-14	14		8-1/4	5-1/4	24	4'6"	16580	536
D180-2-16	16		10-3/4	5-3/4	27	5'6"	15720	706
D180-2-18	18		10-3/4	5-3/4	27	6'	16290	780
D180-2-20	20		12-1/2	6-1/2	30	6'6"	16980	985
D180-2-22	22		12-1/2	6-1/2	30	7'	17970	1405
D180-2-24	24		12-1/2	6-1/2	36	7'6"	18450	1520
D180-2-26	26		12-1/2	6-1/2	42	8'	18890	1635
D180-2-28	28		12-1/2-C	6-1/2	42	9'	18230	1745
D180-2-30	30		12-1/2-C	6-1/2	36	10'	17720	1880
3 Metric Tons Capacity								
D180-3-8	8	DF-3	8-1/4	5-1/4	15	2'9"	22910	390
D180-3-10	10		8-1/4	5-1/4	18	3'3"	24285	445
D180-3-12	12		10-3/8	5-3/4	21	4'	23855	585
D180-3-14	14		10-3/8	5-3/4	24	4'9"	23515	655
D180-3-16	16		10-3/8	5-3/4	27	5'6"	23280	720
D180-3-18	18		12-1/2	6-1/2	27	6'3"	23290	905
D180-3-20	20		12-1/2	6-1/2	30	7'9"	23630	1295
D180-3-22	22		12-1/2	6-1/2	30	8'6"	23610	1405
D180-3-24	24		12-1/2-C	6-1/2	36	7'6"	23620	1520
D180-3-26	26		12-1/2-C	6-1/2	36	9'3"	23645	1895
D180-3-28	28		12-1/2-C	6-1/2	36	10'	23690	2020
D180-3-30	30		12-1/2-C	6-1/2	36	11'	23200	2140
5 Metric Tons Capacity								
D180-5-8	8	DF-4	12-1/2	5-1/4	18	3'	35005	705
D180-5-10	10		12-1/2	5-1/4	18	3'3"	40490	785
D180-5-12	12		12-1/2	5-3/4	21	4'	39575	865
D180-5-14	14		12-1/2	5-3/4	24	4'9"	38970	945
D180-5-16	16		16-1/8	5-3/4	30	5'6"	38815	1205
D180-5-18	18		16-1/8	6-1/2	36	6'3"	38550	1310
D180-5-20	20		16-1/8	6-1/2	42	7'	38805	1680
D180-5-22	22		16-1/8-C	6-1/2	42	7'9"	38720	1810
D180-5-24	24		16-1/8-C	6-1/2	42	8'6"	38675	1940
D180-5-26	26		16-1/8-C	6-1/2	42	9'3"	38665	2070
D180-5-28	28		16-1/8-C	6-1/2	42	10'	38680	2615
D180-5-30	30		16-1/8-C	6-1/2	42	11'	38835	2760

* The total of hoist and trolley not to exceed 15% of rated capacity.

** This dimension must be held exactly.

♦ Thrust and Pull MUST be reviewed and approved prior to crane installation.

C- Beam has additional strengthening cap.