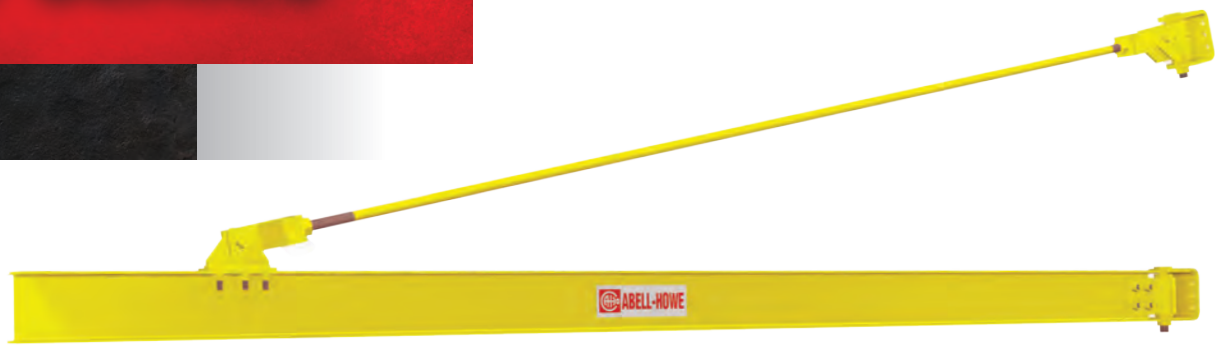
J900 SERIES



Wall-Mounted Tie-Rod Jib Crane

CAPACITY UP TO 5 TONS

The Abell-Howe J900 Series was developed to be an all-purpose tie rod wall-mount jib for medium-duty industrial applications.

BENEFITS & FEATURES

CAPACITIES & DIMENSIONS

- 1/4 ton – 5 tons.
- Boom lengths from 8–30 ft. (span A).

SPECIFICATIONS

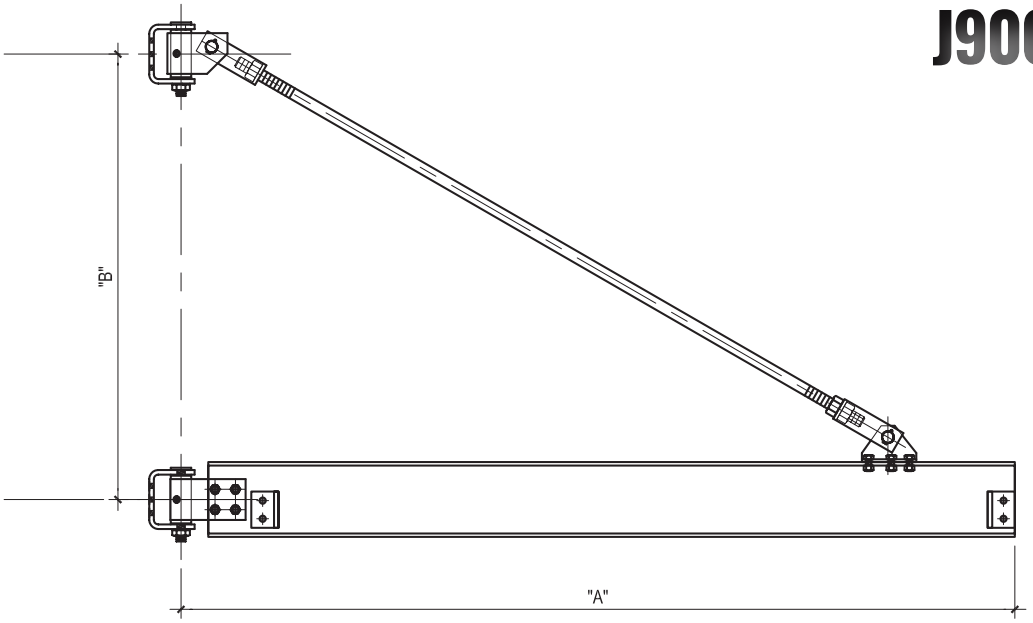
- Up to 200-degree rotation.
- Fabricated steel wall-bracket fittings with bearings.
- Threaded tie-rods provide take-up for boom leveling.
- Boom has wide flange beam section which provides high load-bearing capacity and improved structural integrity to effectively resist bending stresses.
- End-stops at both ends of the boom for safe trolley travel.

OPTIONAL ACCESSORIES

- Rotation stops, wind or position lock for boom.
- Galvanized, sand-blasted or epoxy paint finishes.
- Spark-resistant or explosion-proof for hazardous locations.
- Electric, air or hand-geared powered rotation.
- Tagline wire or C-track festoon assemblies for power to trolley/hoist.

MOTORIZED ROTATION AVAILABLE

The J900 series can be motorized!



Charts represent a sample of J900 sizes and capacities.

Capacity (Tons)	Catalog #	Span (A)	Hinge Spacing (B)	I-Beam Size	Flange Width	Thrust & Pull (lbs)	Weight (lbs)
1/4	900061	8'	2'-9"	W6	4"	2,025	205
	900062	10'	3'- 0"	W6	4"	2,425	240
	900063	12'	3'- 9"	W6	4"	2,420	275
	900064	14'	4'- 6"	W6	4"	2,435	312
	900065	16'	5'- 6"	W6	4"	2,350	347
	900066	18'	6'- 0"	W8	5.25"	2,500	433
	900067	20'	6'- 6"	W8	5.25"	2,635	540
	900069	24'	7'- 6"	W8	5.25"	3,085	913
	900072	30'	10'-0"	W12	6.5"	3,795	1,641
1/2	900001	8'	2'-9"	W6	4"	3,930	205
	900002	10'	3'- 0"	W6	4"	4,550	240
	900003	12'	3'- 9"	W6	4"	4,400	275
	900004	14'	4'- 6"	W6	4"	4,325	312
	900005	16'	5'- 6"	W6	4"	4,075	347
	900006	18'	6'- 0"	W8	5.25"	4,320	433
	900007	20'	6'- 6"	W8	5.25"	4,565	540
	900009	24'	7'- 6"	W8	5.25"	5,315	913
	900012	30'	10'-0"	W12	6.5"	6,020	1,641
1	900013	8'	2'-9"	W6	4"	7,710	205
	900014	10'	3'- 0"	W6	4"	8,885	240
	900015	12'	3'- 9"	W6	4"	8,560	275
	900016	14'	4'- 6"	W8	5.25"	8,425	352
	900017	16'	5'- 6"	W8	5.25"	7,920	395
	900018	18'	6'- 0"	W8	5.25"	8,295	495
	900019	20'	6'- 6"	W10	5.75"	8,650	683
	900021	24'	7'- 6"	W10	5.75"	9,740	1,089
	900024	30'	10'-0"	W12	6.5"	9,920	1,641

Capacity (Tons)	Catalog #	Span (A)	Hinge Spacing (B)	I-Beam Size	Flange Width	Thrust & Pull (lbs)	Weight (lbs)
2	900025	8'	2'-9"	W8	5.25"	15,345	363
	900026	10'	3'- 0"	W8	5.25"	17,640	420
	900027	12'	3'- 9"	W8	5.25"	16,990	480
	900028	14'	4'- 6"	W8	5.25"	16,580	536
	900029	16'	5'- 6"	W10	5.75"	15,720	706
	900030	18'	6'- 0"	W10	5.75"	16,290	780
	900031	20'	6'- 6"	W12	6.5"	16,980	985
	900033	24'	7'- 6"	W12	6.5"	18,450	1520
	900036	30'	10'-0"	W12C	6.5"	17,720	1880
3	900037	8'	2' 9"	W8	5.25"	22,910	390
	900038	10'	3' 3"	W8	5.25"	24,285	445
	900039	12'	4' 0"	W10	5.75"	23,855	585
	900040	14'	4' 9"	W10	5.75"	23,515	655
	900041	16'	5' 6"	W10	5.75"	23,280	720
	900042	18'	6' 3"	W12	6.5"	23,290	905
	900043	20'	7' 0"	W12	6.5"	23,630	1,295
	900045	24'	8' 6"	W12C	6.5"	23,620	1,520
	900048	30'	11' 0"	W12C	6.5"	23,200	2,140
5	900049	8'	3' 0"	W12	6.5"	35,005	705
	900050	10'	3' 3"	W12	6.5"	40,490	785
	900051	12'	4' 0"	W12	6.5"	39,575	865
	900052	14'	4' 9"	W12	6.5"	38,970	945
	900053	16'	5' 6"	W16	7"	38,815	1,205
	900054	18'	6' 3"	W16	7"	38,550	1,310
	900055	20'	7' 0"	W16	7"	38,805	1,680
	900057	24'	8' 6"	W16C	7"	38,675	1,940
	900060	30'	11' 0"	W16C	7"	38,835	2,760