

## Model 313

# Cantilever Style Column Mounted Jib Crane



The Handling Systems International cantilever style jib crane is a column/wall mount solution designed for use in bays, along walls or in work cells. This style jib crane is ideal to be used as a supplement to overhead cranes or gantry systems. Similar to the tie rod style crane, however allowing for minimum headroom maximizing hoist lift.

## Capacities & Spans

- Capacities up to 10+ Ton
- Spans up to 30 feet
- Custom spans and mounts available

## Rotation

- 180+ degree rotation is standard

## Features & Benefits

- Easy to install and adjust
- Steel fittings with bronze bushings
- Includes bolt on endstops
- Easy to rotate and maneuver with load
- Simply componentry makes this jib easy to install

## Options & Accessories

- Tight Wire Kit (Festooning/"Tagline")
- Rotation Stops
- Parking Device
- Custom Mounting Options
- Outdoor Applications
- Foodgrade Applications
- Spark Proof Applications
- Available in Stainless Steel
- Hoist & Trolley Packages
- Fitting Kits available for DIY crane fabrication

## Standards

**Fabrication:** All designs meet AISC standards as they pertain to jibs and overhead cranes. All of our model 350/350F jib cranes are in accordance with OSHA specification 1910.179. Model 350/350F jib cranes are built to CMAA specification No. 74. All design and manufacturing is done in accordance to ANSI specification B30.11 as they apply to jib cranes and overhead cranes.

**Material Standards:** All steel I beams used by Handling Systems are a minimum of ASTM A-36 designation. All pipes and tubing are grade ASTM A-500.

**Deflection Criteria:** Standard design is based on  $L(\text{span in inches})/150$ . The value of this formula is theoretical and will be increased during field load tests due to possible variables.

## CANTILEVER STYLE COLUMN MOUNTED JIB CRANE

	Part Number	MODEL	Capacity (lbs.)	Span (ft.)	Beam Size	Flange Width	Fitting Centers	Weight (lbs.)	Thrust & Pull (lbs.)	Fitting Number	Wall to Fitting Centerline
1/2 TON	313-1000-8	313	1000	8	W8X18	5-1/4"	4'-0"	250	2591	J1	3"
	313-1000-9	313	1000	9	W8X18	5-1/4"	4'-0"	280	2955	J1	3"
	313-1000-10	313	1000	10	W8X18	5-1/4"	4'-0"	298	3324	J1	3"
	313-1000-11	313	1000	11	W8X18	5-1/4"	4'-0"	314	3698	J1	3"
	313-1000-12	313	1000	12	W8X18	5-1/4"	4'-0"	330	4075	J1	3"
	313-1000-13	313	1000	13	W10X26	5-3/4"	4'-0"	610	4633	J1	3"
	313-1000-14	313	1000	14	W10X26	5-3/4"	4'-0"	640	5048	J1	3"
	313-1000-15	313	1000	15	W10X26	5-3/4"	4'-0"	665	5469	J1	3"
	313-1000-16	313	1000	16	W10X26	5-3/4"	4'-0"	690	5896	J1	3"
	313-1000-17	313	1000	17	W12X30	6-1/2"	5'-0"	1020	5183	J1	4"
	313-1000-18	313	1000	18	W12X30	6-1/2"	5'-0"	1050	5549	J1	4"
313-1000-19	313	1000	19	W12X30	6-1/2"	5'-0"	1080	5922	J1	4"	
313-1000-20	313	1000	20	W12X30	6-1/2"	5'-0"	1110	6300	J1	4"	
1 TON	313-2000-8	313	2000	8	W8X21	5-1/4"	4'-0"	250	5054	J1	3"
	313-2000-9	313	2000	9	W10X26	5-3/4"	4'-0"	430	5803	J1	3"
	313-2000-10	313	2000	10	W10X26	5-3/4"	4'-0"	460	6517	J1	3"
	313-2000-11	313	2000	11	W10X26	5-3/4"	4'-0"	475	7237	J1	3"
	313-2000-12	313	2000	12	W10X26	5-3/4"	4'-0"	490	7963	J1	3"
	313-2000-13	313	2000	13	W12X30	6-1/2"	5'-0"	745	7027	J1	4"
	313-2000-14	313	2000	14	W12X30	6-1/2"	5'-0"	775	7629	J1	4"
	313-2000-15	313	2000	15	W12X30	6-1/2"	5'-0"	808	8238	J1	4"
	313-2000-16	313	2000	16	W12X30	6-1/2"	5'-0"	840	8852	J1	4"
	313-2000-17	313	2000	17	W16X45	7"	6'-0"	1375	8266	J1	4 1/2"
	313-2000-18	313	2000	18	W16X45	7"	6'-0"	1420	8833	J1	4 1/2"
313-2000-19	313	2000	19	W16X45	7"	6'-0"	1465	9407	J1	4 1/2"	
313-2000-20	313	2000	20	W16X45	7"	6'-0"	1510	9988	J1	4 1/2"	
2 TON	313-4000-8	313	4000	8	W12X35	6-1/2"	5'-0"	525	8038	J2	4"
	313-4000-9	313	4000	9	W12X35	6-1/2"	5'-0"	595	9140	J2	4"
	313-4000-10	313	4000	10	W12X35	6-1/2"	5'-0"	665	10248	J2	4"
	313-4000-11	313	4000	11	W12X35	6-1/2"	5'-0"	703	11363	J2	4"
	313-4000-12	313	4000	12	W12X35	6-1/2"	5'-0"	740	12485	J2	4"
	313-4000-13	313	4000	13	W16X45	7"	6'-0"	1150	11492	J2	4 1/2"
	313-4000-14	313	4000	14	W16X45	7"	6'-0"	1200	12462	J2	4 1/2"
	313-4000-15	313	4000	15	W18X55	7-1/2"	6'-0"	1525	13633	J2	4 1/2"
	313-4000-16	313	4000	16	W18X55	7-1/2"	6'-0"	1585	14644	J2	4 1/2"
	313-4000-17	313	4000	17	W18X55	7-1/2"	6'-0"	1690	15664	J2	4 1/2"
	313-4000-18	313	4000	18	W18X55	7-1/2"	7'-6"	1795	13355	J2	4 1/2"
313-4000-19	313	4000	19	W18X55	7-1/2"	7'-6"	1960	14186	J2	4 1/2"	
313-4000-20	313	4000	20	W18X55	7-1/2"	7'-6"	2120	15024	J2	4 1/2"	
3 TON	313-6000-8	313	6000	8	W16X45	7"	6'-0"	790	10005	J3	4 1/2"
	313-6000-9	313	6000	9	W16X45	7"	6'-0"	815	11371	J3	4 1/2"
	313-6000-10	313	6000	10	W16X45	7"	6'-0"	840	12744	J3	4 1/2"
	313-6000-11	313	6000	11	W16X45	7"	6'-0"	900	14125	J3	4 1/2"
	313-6000-12	313	6000	12	W16X45	7"	6'-0"	960	15513	J3	4 1/2"
	313-6000-13	313	6000	13	W18X55	7-1/2"	6'-0"	1415	17055	J3	4 1/2"
	313-6000-14	313	6000	14	W18X55	7-1/2"	6'-0"	1470	18481	J3	4 1/2"
	313-6000-15	313	6000	15	W18X55	7-1/2"	7'-6"	1525	15933	J3	4 1/2"
	313-6000-16	313	6000	16	W18X55	7-1/2"	7'-6"	1580	17088	J3	4 1/2"
	313-6000-17	313	6000	17	W21X68	8-1/4"	8'-6"	2040	16332	J3	4 1/2"
	313-6000-18	313	6000	18	W21X68	8-1/4"	8'-6"	2110	17391	J3	4 1/2"
313-6000-19	313	6000	19	W21X68	8-1/4"	9'-6"	2230	16516	J3	4 1/2"	
313-6000-20	313	6000	20	W21X68	8-1/4"	9'-6"	2350	17478	J3	4 1/2"	

\*For other models, capacities, spans, heights consult Customer Service.  
 Dimensions are subject to change without notice.  
 Specify Capacity and Span with Model Number when ordering.