

Less is More

(Foundationless, that is!)

Foundationless Jib Cranes Offer You More:

Faster Installation

Place this 360° swinging jib on existing reinforced concrete that's at least 6"D – no need to install special footings and repour!

Easier Relocation

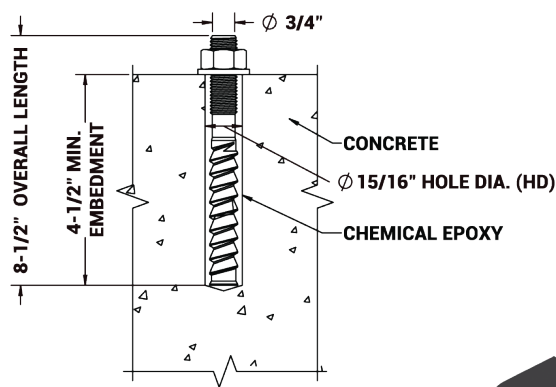
When processes change, you can react quickly. Simply saw off bolts and move crane to a new spot – no expensive engineering consult required.

Less Downtime

Get production up and running quickly, affordably, and safely – which means less down time as you reconfigure production, welding, and material handling flows.

Please Note:

It is recommended that Foundationless Jib Cranes be mounted on reinforced concrete with a minimum depth of 6", avoiding any gaps, cracks, or expansion joints within a given area. Size of area to be determined by qualified engineer. Anchor bolts must have a 4½" minimum embedment. It is not The Caldwell Group's responsibility to verify the suitability of a floor or structure to which our product is mounted. Prior to mounting, it is required that the customer/end user seek advice from a qualified engineer.



RECOMMENDED
CHEMICAL ANCHOR SYSTEM



Specifications

½-Ton Standard Duty:

16' max span and 16' max hub

1-Ton Standard Duty:

10' max span and 12' max hub

½-Ton Heavy Duty:

20' max span and 16' max hub

1-Ton Heavy Duty:

16' max span and 16' max hub

Applications

- Workstations and work cells
- Assembly lines
- Pick-and-place applications
- Customizable for outdoor, food-grade, and spark-proof requirements





Foundationless Jib Cranes

LIFTING SOLUTIONS

1/2-Ton Capacity

Model Number	H.U.B	Span	Weight	Mast Diameter	Flange Width
A360F-1/2-8/8	8'	8'	639	8 5/8	5 1/4
A360F-1/2-8/10	8'	10'	675	8 5/8	5 1/4
A360F-1/2-8/12	8'	12'	919	10 3/4	5 1/4
A360F-1/2-8/14	8'	14'	1075	10 3/4	5 3/4
A360F-1/2-8/16	8'	16'	1195	10 3/4	6 1/2
A360F-1/2-8/18	8'	18'	1437	12	6 1/2
A360F-1/2-8/20	8'	20'	1685	14	6 1/2
A360F-1/2-10/8	10'	8'	699	8 5/8	5 1/4
A360F-1/2-10/10	10'	10'	735	8 5/8	5 1/4
A360F-1/2-10/12	10'	12'	999	10 3/4	5 1/4
A360F-1/2-10/14	10'	14'	1155	10 3/4	5 3/4
A360F-1/2-10/16	10'	16'	1275	10 3/4	6 1/2
A360F-1/2-10/18	10'	18'	1525	12	6 1/2
A360F-1/2-10/20	10'	20'	1795	14	6 1/2
A360F-1/2-12/8	12'	8'	759	8 5/8	5 1/4
A360F-1/2-12/10	12'	10'	795	8 5/8	5 1/4
A360F-1/2-12/12	12'	12'	1079	10 3/4	5 1/4
A360F-1/2-12/14	12'	14'	1235	10 3/4	5 3/4
A360F-1/2-12/16	12'	16'	1355	10 3/4	6 1/2
A360F-1/2-12/18	12'	18'	1845	14	6 1/2
A360F-1/2-12/20	12'	20'	2220	14	7
A360F-1/2-14/8	14'	8'	819	8 5/8	5 1/4
A360F-1/2-14/10	14'	10'	855	8 5/8	5 1/4
A360F-1/2-14/12	14'	12'	1159	10 3/4	5 1/4
A360F-1/2-14/14	14'	14'	1315	10 3/4	5 3/4
A360F-1/2-14/16	14'	16'	1435	10 3/4	6 1/2
A360F-1/2-14/18	14'	18'	2240	14	7
A360F-1/2-14/20	14'	20'	2330	14	7
A360F-1/2-16/8	16'	8'	869	8 5/8	5 1/4
A360F-1/2-16/10	16'	10'	905	8 5/8	5 1/4
A360F-1/2-16/12	16'	12'	1219	10 3/4	5 1/4
A360F-1/2-16/14	16'	14'	1390	10 3/4	5 3/4
A360F-1/2-16/16	16'	16'	1515	10 3/4	6 1/2
A360F-1/2-16/18	16'	18'	2350	14	7
A360F-1/2-16/20	16'	20'	3210	16	7

1-Ton Capacity

Model Number	H.U.B	Span	Weight	Mast Diameter	Flange Width
A360F-1-8/8	8'	8'	874	10 3/4	5 1/4
A360F-1-8/10	8'	10'	971	10 3/4	5 3/4
A360F-1-8/12	8'	12'	1210	12	5 3/4
A360F-1-8/14	8'	14'	1723	14	6 1/2
A360F-1-8/16	8'	16'	1995	14	7
A360F-1-10/8	10'	8'	954	10 3/4	5 1/4
A360F-1-10/10	10'	10'	1051	10 3/4	5 3/4
A360F-1-10/12	10'	12'	1310	12	5 3/4
A360F-1-10/14	10'	14'	1783	14	6 1/2
A360F-1-10/16	10'	16'	2104	14	7
A360F-1-12/8	12'	8'	1034	10 3/4	5 1/4
A360F-1-12/10	12'	10'	1131	10 3/4	5 3/4
A360F-1-12/12	12'	12'	1725	14	5 3/4
A360F-1-12/14	12'	14'	1893	14	6 1/2
A360F-1-12/16	12'	16'	2214	14	7
A360F-1-14/8	14'	8'	1341	12	5 3/4
A360F-1-14/10	14'	10'	1393	12	5 3/4
A360F-1-14/12	14'	12'	1833	14	5 3/4
A360F-1-14/14	14'	14'	2234	14	7
A360F-1-14/16	14'	16'	2853	16	7
A360F-1-16/8	16'	8'	1665	12	5 3/4
A360F-1-16/10	16'	10'	1717	12	5 3/4
A360F-1-16/12	16'	12'	2003	14	6 1/2
A360F-1-16/14	16'	14'	2344	14	7
A360F-1-16/16	16'	16'	2978	16	7

Standards

Fabrication: All designs meet AISC standards as they pertain to jibs and overhead cranes. All of our model A360F/B360F jib cranes are in accordance with OSHA specification 1910.179. Model A360F/B360F jib cranes are built to CMMA 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 Caldwell are a minimum of ASTM A-36 designation. All pipes and tubing are grade ASTM A-500.

Deflection Criteria: Standard design for the model A360F is based on $L(\text{span in inches})/150$ and $L(\text{span in inches})/100$ for the model B360F jib cranes. The value of this formula is theoretical and will be increased during field load tests due to possible variables.