

Articulating Jib Cranes

Ideal for reaching in, around and under

Gorbel® Articulating Jib Cranes can position loads in places you cannot reach with traditional jibs. They provide easy rotation and consistent responsiveness when positioning loads throughout the crane's coverage area. Gorbel® Wall/Column Mounted Articulating Jibs can handle up to 200° rotation for the primary boom and up to 360° for the secondary boom. Gorbel's Free Standing and Ceiling Mounted Articulating Jibs can rotate up to 360° on the primary and secondary booms.

Gorbel's Advantage

Easy Movement

Traditional jib cranes can be difficult to rotate when the load is on the inner half of the boom. The articulating jibs are easier to rotate in close to the free standing mast or building column.

Precise Load Positioning

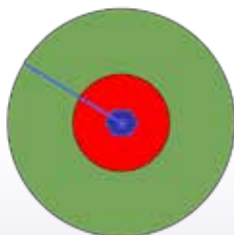
Gorbel® Articulating Jib Cranes are A Class Above™ when it comes to positioning and spotting loads around an obstruction, through an open doorway, or rotating in close to the free standing mast or building column.

Wide Variety of Spans and Capacities

Gorbel® Articulating Jib Cranes are available as standard products in capacities up to 2000 lbs. and spans up to 16' without the extra lead time and costs associated with customization.



Easy Movement Throughout The Coverage Area



Traditional Jib Coverage

With a traditional jib crane, placement near the mast of the jib becomes difficult due to the weight of the jib boom.



Articulating Jib Coverage

The articulating arm allows easy movement of the load throughout the coverage area.



AJ360-F Free Standing Articulating Jib Crane

The AJ360-F is perfect for applications that demand the use of an articulating jib, but there are no walls or columns to mount the crane. This crane offers effortless rotation and a consistent responsiveness when positioning loads in a work cell, through open doorways, or into machines. See pages 22-23 for details.



AJ360-C Ceiling Mounted Articulating Jib Crane

The AJ360-C is mounted overhead leaving nothing to disrupt workflow in the production area below. The AJ360-C can be stationary mounted or platform supported from a Gorbels® Work Station Dual Girder Bridge Crane, which allows usage outside the normal coverage of a bridge crane or the jib to swing under obstructions. With the jib mounted to a platform, multiple work cells can be covered with just one crane and lifting device. See page 24 for details. Note, when using an AJ360-C mounted to an Offset Load Platform, spans may be limited based on your crane capacity. Please consult Customer Service for your specific application.



AJ200 Wall/Column Mounted Articulating Jib Crane

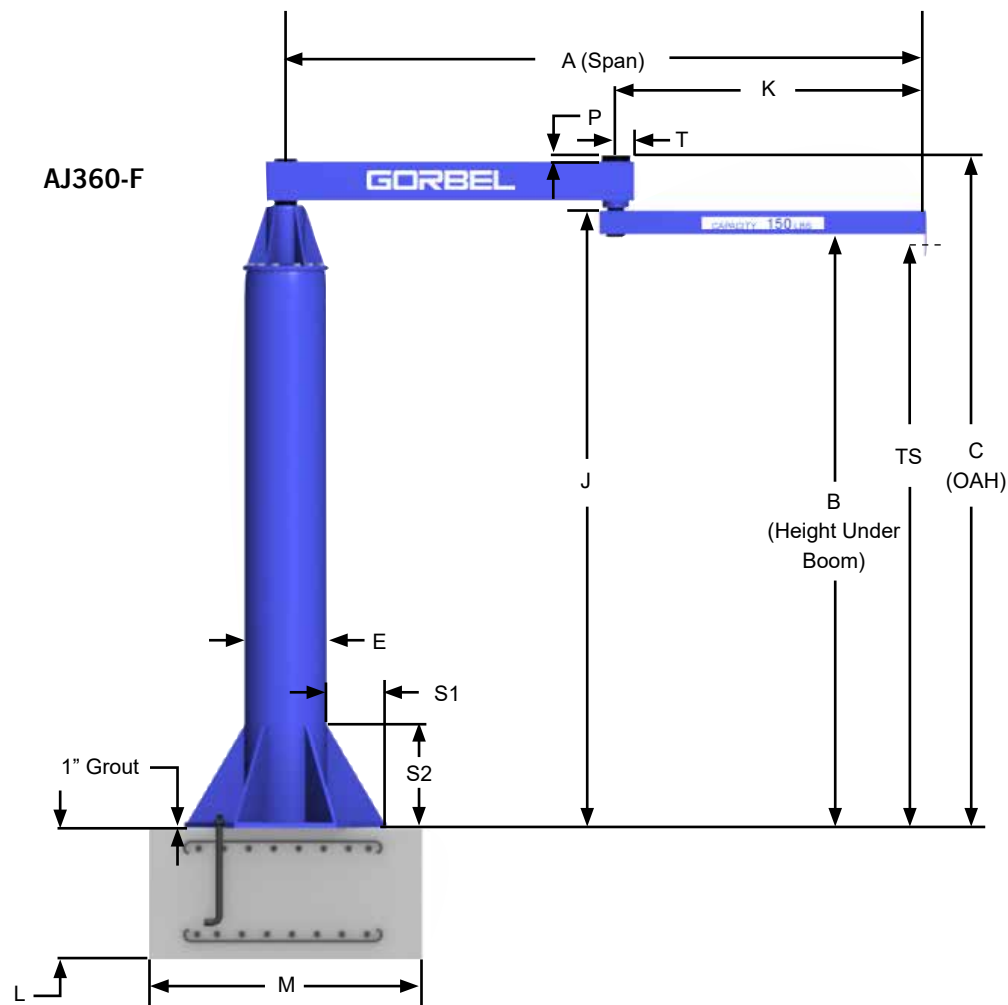
The AJ200 is perfect for applications that require maneuvering under obstructions or around obstacles and there is an adequate wall/column to support the crane. See page 24 for details.



PIVOT PRO® Wall Mounted or Free Standing Vacuum Sealed Articulating Jib Crane

The PIVOT PRO® is great for vacuum lifting applications or lighter capacity applications where an articulated arm would be beneficial. For vacuum lifting, the PIVOT PRO® features vacuum sealed arms to reduce hose festooning. See pages 25-27 for details.

AJ360 Free Standing Articulating Jib Cranes: 360° Rotation

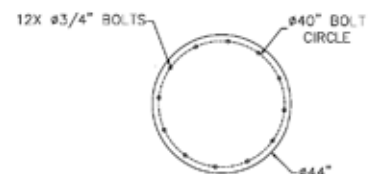
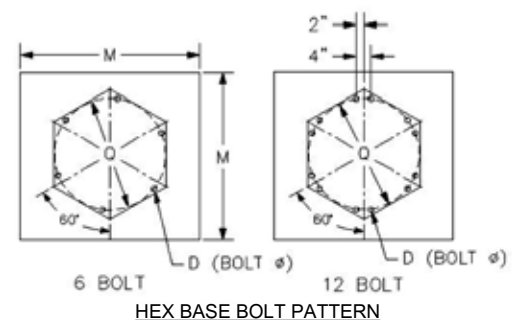


E (Pipe Size)	8"	12"	14"	16"	18"	20"	24"
Number of Anchor Bolts	6	6	6	12	12	12	12
Diameter (D)	1"	1.25"	1.25"	1.25"	1.25"	1.25"	1.25"
Bolt Circle (Q)	24"	24"	30"	36"	42"	48"	54"

Jib crane foundation requirements are based on soil pressure of 2500# per square foot. Concrete recommended for jib crane foundation is 3000# per square inch of compressive force.

Note: Gorbel® Articulating Jib Cranes REQUIRE ONE of the following when using a powered lifting device:

1. Electric Lifting Devices - Require either: *Rotation stops to limit boom and/or arm rotation to <360° or Collectors when 360° rotation is required.
2. Air Lifting Devices - Require either: *Rotation stops to limit boom and/or arm rotation to <360° or Air Swivels when 360° rotation is required.
3. Vacuum Lifting Devices: *Rotation stops to limit boom and/or arm rotation to <360°.
*Rotation stops require field welding.



ROUND BASE BOLT PATTERN

AJ360 Free Standing Articulating Jib Cranes: 360° Rotation

CAPACITY	HUB (B)	SPAN (A)	MODEL NUMBER	WEIGHT	J	OAH (C)	TS	P	K	T	L	M	E	S1	S2	BOLT QTY.	ANCHOR BOLT LOAD
					in	in	in	in	in	in	in	in	in	in	in		
250#	8'	8'	AJ360-F-250-8-8	735#	100	109-1/8	93-1/2	1	36	3-5/16	36	48	12	8-1/2	20	6	510#
		10'	AJ360-F-250-8-10	835#	101	112-5/8	93-1/2	1-3/4	48	3-15/16	36	48	12	8-1/2	20	6	770#
		12'	AJ360-F-250-8-12	950#	101	112-5/8	93-1/2	1-3/4	60	3-15/16	36	48	12	8-1/2	20	6	980#
		14'	AJ360-F-250-8-14	985#	101	112-5/8	93-1/2	1-3/4	72	3-15/16	36	48	12	8-1/2	20	6	1230#
		16'	AJ360-F-250-8-16	1255#	101	112-5/8	93-1/2	1-3/4	84	3-15/16	36	48	14	11	22	6	1110#
	10'	8'	AJ360-F-250-10-8	800#	124	133-1/8	117-1/2	1	36	3-5/16	36	48	12	8-1/2	20	6	490#
		10'	AJ360-F-250-10-10	900#	125	136-5/8	117-1/2	1-3/4	48	3-15/16	36	48	12	8-1/2	20	6	750#
		12'	AJ360-F-250-10-12	1015#	125	136-5/8	117-1/2	1-3/4	60	3-15/16	36	48	12	8-1/2	20	6	970#
		14'	AJ360-F-250-10-14	1050#	125	136-5/8	117-1/2	1-3/4	72	3-15/16	36	48	12	8-1/2	20	6	1220#
		16'	AJ360-F-250-10-16	1365#	125	136-5/8	117-1/2	1-3/4	84	3-15/16	36	48	14	11	22	6	1080#
	12'	8'	AJ360-F-250-12-8	865#	148	157-1/8	141-1/2	1	36	3-5/16	36	48	12	8-1/2	20	6	480#
		10'	AJ360-F-250-12-10	970#	149	160-5/8	141-1/2	1-3/4	48	3-15/16	36	48	12	8-1/2	20	6	740#
		12'	AJ360-F-250-12-12	1080#	149	160-5/8	141-1/2	1-3/4	60	3-15/16	36	48	12	8-1/2	20	6	950#
		14'	AJ360-F-250-12-14	1405#	149	160-5/8	141-1/2	1-3/4	72	3-15/16	36	48	14	11	22	6	830#
		16'	AJ360-F-250-12-16	1475#	149	160-5/8	141-1/2	1-3/4	84	3-15/16	36	48	14	11	22	6	1060#
500#	8'	8'	AJ360-F-500-8-8	880#	101	112-5/8	93-1/2	1-3/4	36	3-15/16	36	48	12	8-1/2	20	6	1070#
		10'	AJ360-F-500-8-10	915#	101	112-5/8	93-1/2	1-3/4	48	3-15/16	36	48	12	8-1/2	20	6	1450#
		12'	AJ360-F-500-8-12	1165#	102	113-13/16	93-1/2	1-3/8	60	4-11/16	36	48	12	8-1/2	20	6	1930#
		14'	AJ360-F-500-8-14	1415#	102	113-13/16	93-1/2	1-3/8	72	4-11/16	48	48	14	11	22	6	1760#
		16'	AJ360-F-500-8-16	1570#	102	116-1/2	93-1/2	1-11/16	84	4-15/16	48	60	14	11	22	6	2230#
	10'	8'	AJ360-F-500-10-8	945#	125	136-5/8	117-1/2	1-3/4	36	3-15/16	36	48	12	8-1/2	20	6	1060#
		10'	AJ360-F-500-10-10	1225#	125	136-5/8	117-1/2	1-3/4	48	3-15/16	36	48	14	11	22	6	1020#
		12'	AJ360-F-500-10-12	1480#	126	137-13/16	117-1/2	1-3/8	60	4-11/16	36	48	14	11	22	6	1390#
		14'	AJ360-F-500-10-14	1660#	126	137-13/16	117-1/2	1-3/8	72	4-11/16	48	48	16	13	26	12	670#
		16'	AJ360-F-500-10-16	1815#	126	140-1/2	117-1/2	1-11/16	84	4-15/16	48	60	16	13	26	12	860#
	12'	8'	AJ360-F-500-12-8	1015#	149	160-5/8	141-1/2	1-3/4	36	3-15/16	36	48	12	8-1/2	20	6	1040#
		10'	AJ360-F-500-12-10	1335#	149	160-5/8	141-1/2	1-3/4	48	3-15/16	36	48	14	11	22	6	990#
		12'	AJ360-F-500-12-12	1585#	150	161-13/16	141-1/2	1-3/8	60	4-11/16	36	48	14	11	22	6	1370#
		14'	AJ360-F-500-12-14	1785#	150	161-13/16	141-1/2	1-3/8	72	4-11/16	48	48	16	13	26	12	660#
		16'	AJ360-F-500-12-16	1940#	150	164-1/2	141-1/2	1-11/16	84	4-15/16	48	60	16	13	26	12	850#
1000#	8'	8'	AJ360-F-1000-8-8	1080#	102	113-13/16	93-1/2	1-3/8	36	4-11/16	36	48	12	8-1/2	20	6	2190#
		10'	AJ360-F-1000-8-10	1215#	102	116-1/2	93-1/2	1-11/16	48	4-15/16	48	60	12	8-1/2	20	6	2970#
		12'	AJ360-F-1000-8-12	1745#	102	116-1/2	93-1/2	1-11/16	60	4-15/16	48	60	16	13	26	12	1090#
		14'	AJ360-F-1000-8-14	2010#	102	116-1/2	93-1/2	1-11/16	72	4-15/16	48	60	18	15	30	12	1080#
		16'	AJ360-F-1000-8-16	2360#	103	119-3/8	93-1/2	1-5/8	84	5-7/16	48	72	18	15	30	12	1400#
	10'	8'	AJ360-F-1000-10-8	1145#	126	137-13/16	117-1/2	1-3/8	36	4-11/16	36	48	12	8-1/2	20	6	2170#
		10'	AJ360-F-1000-10-10	1525#	126	140-1/2	117-1/2	1-11/16	48	4-15/16	48	60	14	11	22	6	2190#
		12'	AJ360-F-1000-10-12	1870#	126	140-1/2	117-1/2	1-11/16	60	4-15/16	48	60	16	13	26	12	1080#
		14'	AJ360-F-1000-10-14	2415#	126	140-1/2	117-1/2	1-11/16	72	4-15/16	48	60	20	17	34	12	850#
		16'	AJ360-F-1000-10-16	2775#	127	143-3/8	117-1/2	1-5/8	84	5-7/16	48	72	20	17	34	12	1120#
	12'	8'	AJ360-F-1000-12-8	1495#	150	161-13/16	141-1/2	1-3/8	36	4-11/16	36	48	14	11	22	6	1550#
		10'	AJ360-F-1000-12-10	1635#	150	164-1/2	141-1/2	1-11/16	48	4-15/16	48	60	14	11	22	6	2170#
		12'	AJ360-F-1000-12-12	1995#	150	164-1/2	141-1/2	1-11/16	60	4-15/16	48	60	16	13	26	12	1060#
		14'	AJ360-F-1000-12-14	2620#	150	164-1/2	141-1/2	1-11/16	72	4-15/16	48	60	20	17	34	12	830#
		16'	AJ360-F-1000-12-16	2985#	151	167-3/8	141-1/2	1-5/8	84	5-7/16	48	72	20	17	34	12	1100#
2000#	8'	8'	AJ360-F-2000-8-8	1640#	102	116-1/2	93-1/2	1-11/16	36	4-15/16	48	60	16	13	26	12	1270#
		10'	AJ360-F-2000-8-10	2175#	103	119-3/8	93-1/2	1-5/8	48	5-7/16	48	72	18	15	30	12	1420#
		12'	AJ360-F-2000-8-12	2235#	103	119-3/8	93-1/2	1-5/8	60	5-7/16	48	72	18	15	30	12	1820#
		14'	AJ360-F-2000-8-14	2465#	103	119-3/8	93-1/2	1-5/8	72	5-7/16	48	72	18	15	30	12	2220#
		16'	AJ360-F-2000-8-16	3310#	104	121-13/16	93-1/2	2-3/8	84	6-5/16	48	84	24	18	36	12	1880#
	10'	8'	AJ360-F-2000-10-8	1765#	126	140-1/2	117-1/2	1-11/16	36	4-15/16	48	60	16	13	26	12	1260#
		10'	AJ360-F-2000-10-10	2315#	127	143-3/8	117-1/2	1-5/8	48	5-7/16	48	72	18	15	30	12	1400#
		12'	AJ360-F-2000-10-12	2380#	127	143-3/8	117-1/2	1-5/8	60	5-7/16	48	72	18	15	30	12	1810#
		14'	AJ360-F-2000-10-14	2880#	127	143-3/8	117-1/2	1-5/8	72	5-7/16	48	72	20	17	34	12	1820#
		16'	AJ360-F-2000-10-16	3560#	128	145-13/16	117-1/2	2-3/8	84	6-5/16	48	84	24	18	36	12	1850#
	12'	8'	AJ360-F-2000-12-8	1895#	150	164-1/2	141-1/2	1-11/16	36	4-15/16	48	60	16	13	26	12	1240#
		10'	AJ360-F-2000-12-10	2460#	151	167-3/8	141-1/2	1-5/8	48	5-7/16	48	72	18	15	30	12	1380#
		12'	AJ360-F-2000-12-12	2520#	151	167-3/8	141-1/2	1-5/8	60	5-7/16	48	72	18	15	30	12	1790#
		14'	AJ360-F-2000-12-14	3090#	151	167-3/8	141-1/2	1-5/8	72	5-7/16	48	72	20	17	34	12	1800#
		16'	AJ360-F-2000-12-16	3810#	152	169-13/16	141-1/2	2-3/8	84	6-5/16	48	84	24	18	36	12	1820#

Additional Sizes and Capacities Readily Available: Other spans, heights, and capacities are available by contacting your local Gorbels® dealer.

Note: Dimensions are for reference only and are subject to change without notice.

Base Price Includes: jib boom, jib arm, friction brakes, clevis assembly for hook mounted lifting devices (lifting device by others), and mast assembly (anchor bolts by others). Festooning is optional.

Figure A - AJ360 Ceiling Mounted

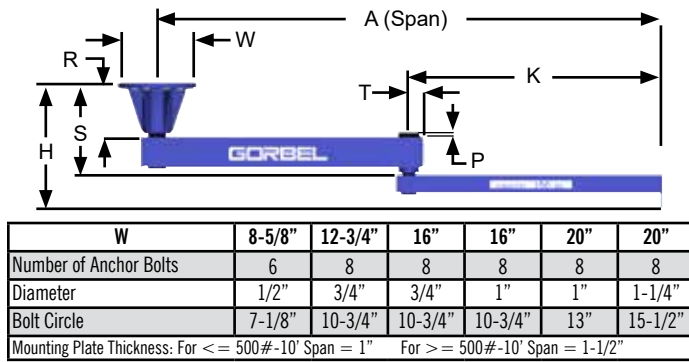
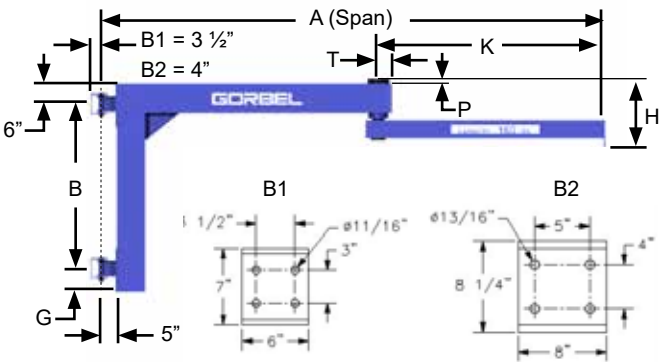


Figure B - AJ200 Wall Mounted



AJ360 Ceiling Mounted Articulating Jib Cranes: 360° Rotation (Figure A)

CAPACITY	SPAN (A)	MODEL NUMBER	WEIGHT	K	T	P	H	R	S	W	BOLT QTY.	ANCHOR BOLT LOAD	OTM kip-ft.
				in	in	in	in	in	in	in			
250#	8'	AJ360-C-250-8	340#	36	3-5/16	1	29-7/16	11-13/16	19-15/16	12-3/4	8	1140#	3.37
	10'	AJ360-C-250-10	440#	48	3-15/16	1-3/4	29-3/16	11-13/16	21-11/16	12-3/4	8	1590#	4.64
	12'	AJ360-C-250-12	540#	60	3-15/16	1-3/4	31-7/8	14-1/2	24-3/8	16	8	1980#	5.73
	14'	AJ360-C-250-14	575#	72	3-15/16	1-3/4	31-7/8	14-1/2	24-3/8	16	8	2400#	6.88
	16'	AJ360-C-250-16	645#	84	3-15/16	1-1/4	32-3/8	14-1/2	24-7/8	16	8	2890#	8.22
500#	8'	AJ360-C-500-8	470#	36	3-15/16	1-3/4	31-7/8	14-1/2	24-3/8	16	8	2190#	6.40
	10'	AJ360-C-500-10	505#	48	3-15/16	1-3/4	31-7/8	14-1/2	24-3/8	16	8	2830#	8.14
	12'	AJ360-C-500-12	735#	60	4-11/16	1-3/8	35-3/8	16-3/8	26-7/8	16	8	3680#	10.54
	14'	AJ360-C-500-14	780#	72	4-11/16	1-3/8	35-3/8	16-3/8	26-7/8	16	8	4430#	12.57
	16'	AJ360-C-500-16	935#	84	4-15/16	1-11/16	37-11/16	16-3/8	29-3/16	16	8	5450#	15.39
1000#	8'	AJ360-C-1000-8	650#	36	4-11/16	1-3/8	35-3/8	16-3/8	26-7/8	16	8	4240#	12.32
	10'	AJ360-C-1000-10	780#	48	4-15/16	1-11/16	37-11/16	16-3/8	29-3/16	16	8	5590#	15.99
	12'	AJ360-C-1000-12	950#	60	4-15/16	1-11/16	39-1/8	17-13/16	30-5/8	20	8	5590#	19.43
	14'	AJ360-C-1000-14	1005#	72	4-15/16	1-11/16	39-1/8	17-13/16	30-5/8	20	8	6670#	22.97
	16'	AJ360-C-1000-16	1795#	84	5-7/16	1-5/8	41	15-3/4	30-1/2	20	8	6840#	28.58
2000#	8'	AJ360-C-2000-8	850#	36	4-15/16	1-11/16	39-1/8	17-13/16	30-5/8	20	8	6730#	23.84
	10'	AJ360-C-2000-10	1285#	48	5-7/16	1-5/8	41	15-3/4	30-1/2	20	8	7320#	31.00
	12'	AJ360-C-2000-12	1365#	60	5-7/16	1-5/8	41	15-3/4	30-1/2	20	8	8990#	37.53
	14'	AJ360-C-2000-14	1445#	72	5-7/16	1-5/8	41	15-3/4	30-1/2	20	8	10700#	44.19
	16'	AJ360-C-2000-16	1620#	84	6-5/16	2-3/8	42-3/4	15-3/4	31-1/4	20	8	12610#	51.73

AJ200 Wall Mounted Articulating Jib Cranes: 200° Rotation (Figure B)

CAPACITY	SPAN (A)	MODEL NUMBER	WEIGHT	K	T	H	P	B	FITTING TYPE	THRUST & PULL
				in	in	in	in	in		
250#	8'	AJ200-B1-250-8	294#	36	3-5/16	15-5/8	1	36	B1	1120#
	10'	AJ200-B1-250-10	400#	48	3-15/16	19-1/8	1-3/4	36	B1	1550#
	12'	AJ200-B1-250-12	457#	60	3-15/16	19-1/8	1-3/4	48	B1	1430#
	14'	AJ200-B1-250-14	514#	72	3-15/16	19-1/8	1-3/4	60	B1	1380#
	16'	AJ200-B1-250-16	596#	84	3-15/16	19-1/8	1-3/4	60	B1	1640#
500#	8'	AJ200-B1-500-8	368#	33	3-15/16	19-1/8	1-3/4	36	B1	2140#
	10'	AJ200-B1-500-10	425#	45	3-15/16	19-1/8	1-3/4	48	B1	2040#
	12'	AJ200-B1-500-12	555#	57	4-11/16	19-5/16	1-3/8	60	B1	2050#
	14'	AJ200-B1-500-14	593#	69	4-11/16	19-5/16	1-3/8	60	B1	2430#
	16'	AJ200-B2-500-16	837#	81	4-15/16	23	1-11/16	60	B2	3090#
1000#	8'	AJ200-B1-1000-8	454#	33	4-11/16	19-5/16	1-3/8	48	B1	3050#
	10'	AJ200-B2-1000-10	649#	45	4-15/16	23	1-11/16	48	B2	4010#
	12'	AJ200-B2-1000-12	734#	57	4-15/16	23	1-11/16	60	B2	3900#
	14'	AJ200-B2-1000-14	785#	69	4-15/16	23	1-11/16	60	B2	4600#
	16'	AJ200-B2-1000-16	999#	81	5-7/16	27-7/8	2-5/8	72	B2	4660#
2000#	8'	AJ200-B2-2000-8	601#	30	4-15/16	23	1-11/16	48	B2	5980#
	10'	AJ200-B2-2000-10	779#	42	5-7/16	26-7/8	2-5/8	60	B2	6130#
	12'	AJ200-B2-2000-12	1156#	54	5-7/16	26-7/8	1-5/8	60	B2	7550#
	14'	AJ200-B2-2000-14	1382#	66	6-5/16	29-5/16	2-3/8	72	B2	7510#
	16'	AJ200-B2-2000-16	1466#	78	6-5/16	29-5/16	2-3/8	72	B2	8670#

Additional Sizes and Capacities Readily Available

Other spans and capacities are available by contacting your local Gorbelt® dealer.

Note: Dimensions are for reference only and are subject to change without notice.

Base Price Includes: jib boom, jib arm, friction brakes, and clevis assembly for hook mounted lifting devices (lifting device by others). AJ360-C price includes the assembly for ceiling mounting (anchor bolts by others). AJ200 price includes mounting brackets (hardware by others). Festooning is optional.

PIVOT PRO®

The PIVOT PRO® is a sleek new addition to the Gorbel® line of jib cranes. The PIVOT PRO® is an articulating jib that is specifically designed for applications under 150 lbs. Its smaller capacity allows it to have a lighter, less bulky design so it's easy to move. This lessens physical stress on workers, reduces employee injuries, and leads to increased efficiency.

Gorbel's Advantage

Ergonomic Design

The PIVOT PRO® can help you position loads in places you cannot reach with traditional jibs. It provides easy rotation and consistent responsiveness when positioning loads throughout the crane's coverage area. Our Free Standing PIVOT PRO® is capable of 360° non-continuous coverage around the mast, with the secondary arm covering 300°. The Wall Mounted model is capable of 200° rotation on the primary arm and 300° rotation with the secondary arm.

Easy Movement

Traditional jib cranes can be difficult to rotate when the load is on the inner half of the boom. The PIVOT PRO® is easier to rotate in close to the free standing mast or building column.

Rapid Return on Investment

Gorbel's PIVOT PRO® provides a rapid return on investment through increased productivity, reduced injuries, and improved safety. Increases in production result from the easy rotation of the boom and quick, precise load positioning. It is up to three times easier to start and stop the boom of a PIVOT PRO® compared to work station jib cranes. The result is reduced injury and improved safety. When you choose the PIVOT PRO®, you get a quality ergonomic product, a delivery date you can plan on, and the industry's best warranty.



"The PIVOT PRO® makes manipulating packages for palletizing so much easier. You don't have a lot of resistance from the boom to contend with when trying to place an object."

- Industrial Engineer for pump manufacturer

PIVOT PRO® Reduces Maintenance Costs

This customer was moving finished goods through a packaging line to prepare for shipping. The vacuum tube lifter they were using was constantly tearing and needing maintenance. Plus the operators were having difficulty moving the boxes the entire length of the old jib boom.

The PIVOT PRO® reduced the need for maintenance because the ease of movement caused less stress on the vacuum tube. After using the PIVOT PRO® on the application, the company purchased an additional unit for another application in the facility.



PIVOT PRO® Features & Benefits

Sealed Tube (1)

Our sealed tube eliminates the need for festooning in vacuum applications. No more festoon stack up, plus you get greater travel and minimize the potential for reduced vacuum suction caused by kinked hoses.

Articulated Boom Design (2)

- Moves up to 3 times easier than a work station jib
- Lighter weight makes positioning the loads easier
- Easier movement of loads close to the mast
- Safer operation by reducing the “whip” of the boom in high cycle applications
- Less boom “whip” reduces the wear and tear on vacuum lift tubes

Rotation Limits for Primary Arm (3)

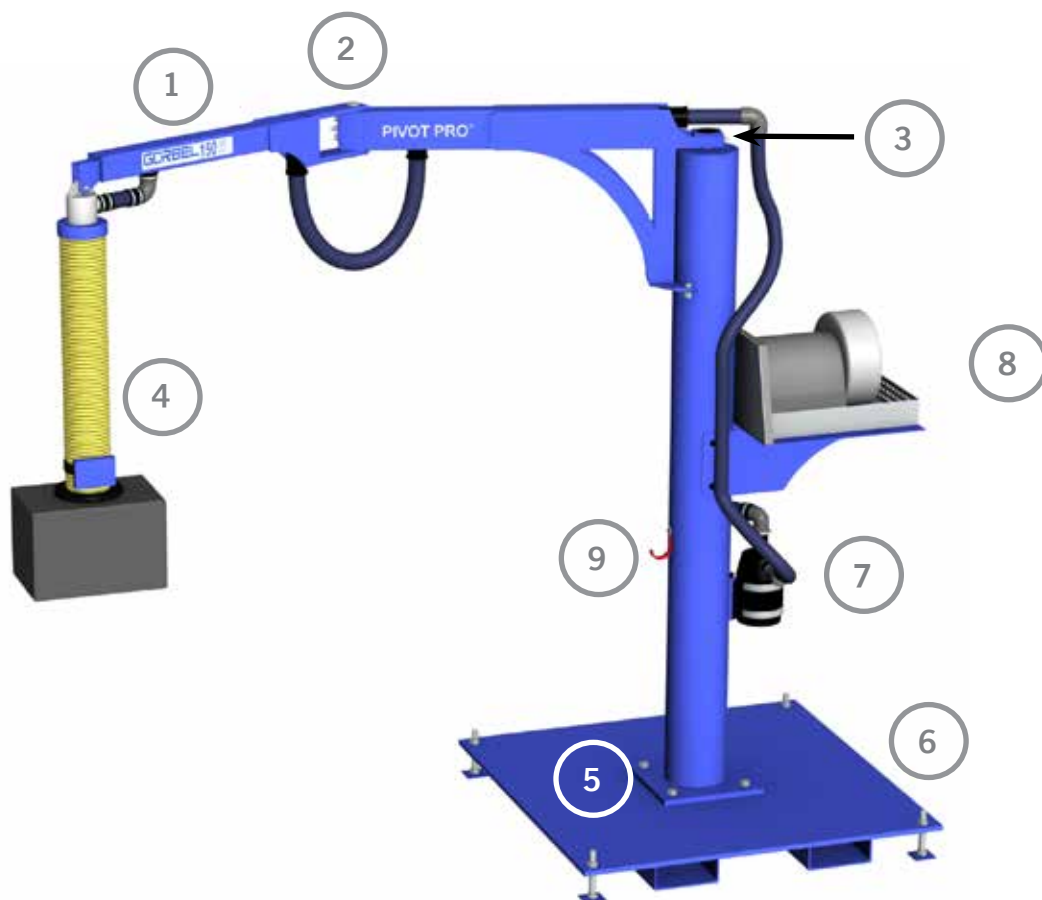
The PIVOT PRO® has multiple rotation stop locations so you can tailor the coverage area to your needs.

Compatible with All Major OEM Tube Lifters (4)

Gorbel's PIVOT PRO® has been designed to be used with all major OEM manufacturers' vacuum tube lifters. (Note: Vacuum tube lifters by others).

No Foundation Required (5)

The PIVOT PRO® can bolt to any 6" reinforced concrete floor.



Optional Accessories for PIVOT PRO®

Portable Base (6)

Use the PIVOT PRO® throughout your plant when you choose our portable base. It's designed to accommodate small fork trucks and pallet jacks, and even comes with leveling feet. The base is sized for the capacity of the PIVOT PRO®.

Filter Bracket (7)

You can also choose to have us provide a filter bracket, and specify where on the PIVOT PRO® you want it placed.

Vacuum Pump with Platform (8)

We can also provide a platform that accommodates all the major OEM manufacturers' pumps. You specify where on the PIVOT PRO® mast you want the platform located.

Smart Hook (9)

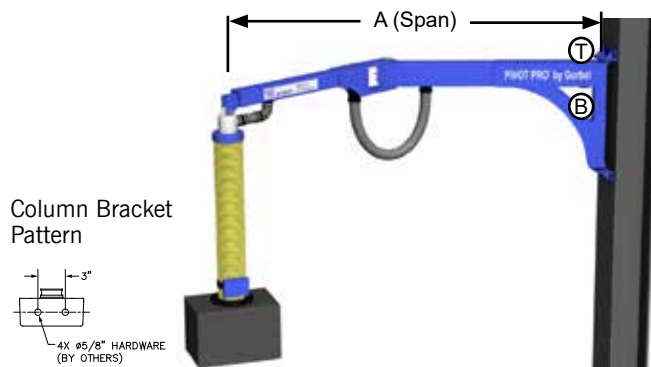
When the PIVOT PRO® is not being used, this hook will keep your handle or end effector off the floor.

ARTICULATING JIBS

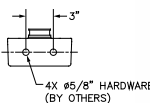
Wall Mounted PIVOT PRO®

CAPACITY	SPAN (A)	MODEL NUMBER	SHIPPING WEIGHT	THRUST & PULL
50#	8'	PPRO-WM-50-8-T*	235#	584#
	10'	PPRO-WM-50-10-T*	250#	756#
	12'	PPRO-WM-50-12-T*	265#	941#
75#	8'	PPRO-WM-75-8-T*	235#	717#
	10'	PPRO-WM-75-10-T*	250#	921#
	12'	PPRO-WM-75-12-T*	265#	1139#
100#	8'	PPRO-WM-100-8-T*	235#	849#
	10'	PPRO-WM-100-10-T*	250#	1086#
	12'	PPRO-WM-100-12-T*	265#	1337#
150#	8'	PPRO-WM-150-8-T*	235#	1114#
	10'	PPRO-WM-150-10-T*	250#	1417#
	12'	PPRO-WM-150-12-T*	265#	1732#

* The "T" in the model number denotes vacuum hose at TOP of boom connection. Substitute a "B" in its place for the hose at the BOTTOM of boom connection.



Column Bracket Pattern

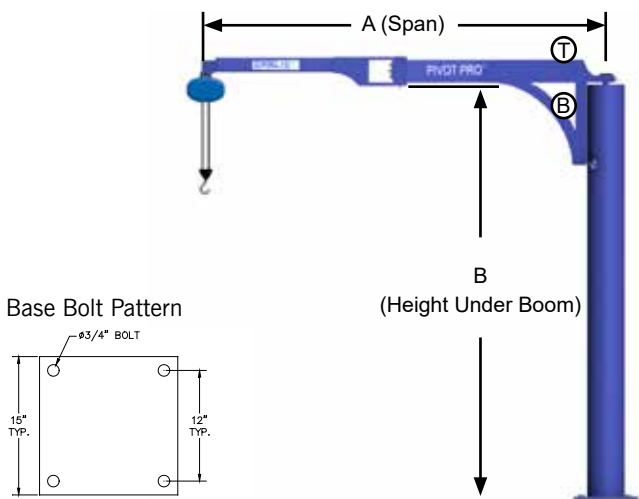


Includes: Jib boom assembly (primary and secondary arm), jib arm, pivot assemblies, friction brakes, vacuum hose between primary and secondary arm, hose fittings and mounting assembly (5/8" mounting hardware by others).

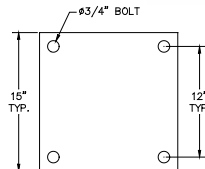
Free Standing PIVOT PRO®

CAPACITY	HUB	SPAN (A)	MODEL NUMBER	SHIPPING WEIGHT	ANCHOR BOLT LOAD
50#	10'	8'	PPRO-FS-50-10-8-T*	490#	528#
		10'	PPRO-FS-50-10-10-T*	505#	720#
		12'	PPRO-FS-50-10-12-T*	520#	927#
	12'	8'	PPRO-FS-50-12-8-T*	530#	517#
		10'	PPRO-FS-50-12-10-T*	545#	709#
		12'	PPRO-FS-50-12-12-T*	560#	916#
75#	10'	8'	PPRO-FS-75-10-8-T*	490#	668#
		10'	PPRO-FS-75-10-10-T*	505#	897#
		12'	PPRO-FS-75-10-12-T*	520#	1142#
	12'	8'	PPRO-FS-75-12-8-T*	530#	656#
		10'	PPRO-FS-75-12-10-T*	545#	885#
		12'	PPRO-FS-75-12-12-T*	560#	1131#
100#	10'	8'	PPRO-FS-100-10-8-T*	490#	807#
		10'	PPRO-FS-100-10-10-T*	505#	1074#
		12'	PPRO-FS-100-10-12-T*	520#	1356#
	12'	8'	PPRO-FS-100-12-8-T*	530#	796#
		10'	PPRO-FS-100-12-10-T*	545#	1063#
		12'	PPRO-FS-100-12-12-T*	560#	1345#
150#	10'	8'	PPRO-FS-150-10-8-T*	490#	1086#
		10'	PPRO-FS-150-10-10-T*	505#	1428#
		12'	PPRO-FS-150-10-12-T*	520#	1785#
	12'	8'	PPRO-FS-150-12-8-T*	530#	1075#
		10'	PPRO-FS-150-12-10-T*	545#	1417#
		12'	PPRO-FS-150-12-12-T*	560#	1774#

* The "T" in the model number denotes vacuum hose at TOP of boom connection. Substitute a "B" in its place for the hose at the BACK of boom connection (as shown).



Base Bolt Pattern

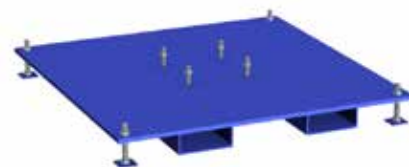


UNDER ARM HEIGHT	VACUUM HOSE LOCATION	OVERALL HEIGHT
10'	Top	10' 6-3/8"
12'	Top	12' 6-3/8"
10'	Back	10' 3-5/8"
12'	Back	12' 3-5/8"

Includes: Jib boom assembly (primary and secondary arm), jib arm, pivot assemblies, friction brakes, free standing mast, vacuum hose between primary and secondary arm, hose fittings, rotation stops and mounting assembly (3/4" anchor bolts by others).

Optional Portable Base

SPAN	CAPACITY	50#	75#	100#	150#
8'	Model Number	PB-48-10	PB-48-10	PB-48-12	PB-54-12
	Square Length	48"	48"	48"	54"
	Thickness	1"	1"	1.25"	1.25"
	Shipping Weight	696#	696#	858#	1098#
10'	Model Number	PB-48-10	PB-48-12	PB-54-12	PB-60-12
	Square Length	48"	48"	54"	60"
	Thickness	1"	1.25"	1.25"	1.25"
	Shipping Weight	696#	858#	1098#	1363#
12'	Model Number	PB-48-12	PB-54-12	PB-60-12	PB-60-15
	Square Length	48"	54"	60"	60"
	Thickness	1.25"	1.25"	1.25"	1.5"
	Shipping Weight	858#	1098#	1363#	1617#



Includes: Fork pockets, leveling feet, and mast mounting hardware.

Fork pocket dimensions = 7-1/4" inside width, 3-1/2" inside depth, and 20-1/2" from pocket centerline to centerline.