

Wall Cantilever Jib Cranes

An ideal jib for maximizing headroom

The Wall Cantilever (WC200) provides hoist coverage and 200° rotation for individual use in bays, along walls or columns of plants, or as a supplement to an overhead crane or monorail system. The jib has the advantage of providing maximum lift for the hoist, since it can be installed very close to the underside of the lowest ceiling obstruction.

Two key requirements must be met before applying the Wall Cantilever Series:

1. A structurally adequate wall or column to support the jib must exist
2. Sufficient clearance above the boom throughout its arc must exist



Gorbel's Advantage:

Ease of Movement

- The fittings contain bronze bushings and oil-impregnated bronze thrust washers which provide for easy rotation and superior load positioning

Safety

- Fabricated steel fittings provide excellent torsional rigidity

Full Rated Capacity

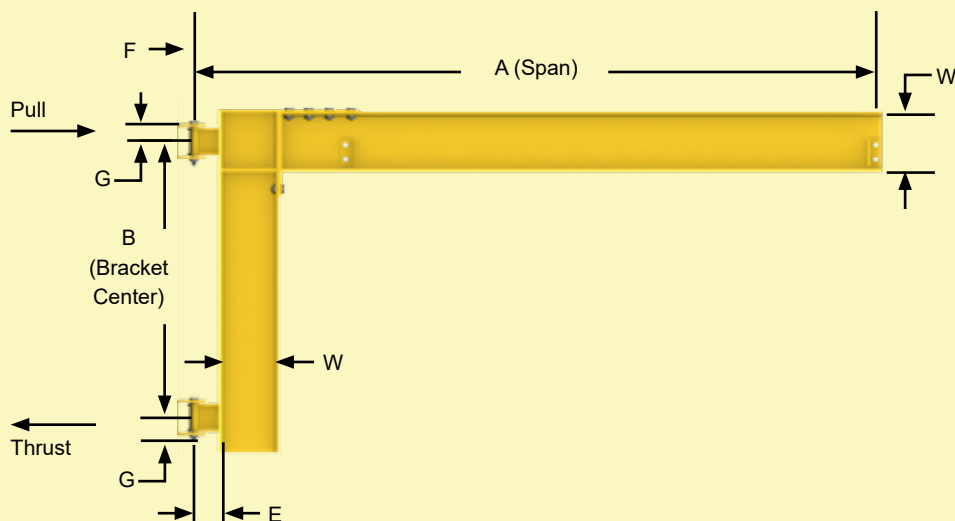
- Pre-engineered for use with powered hoists. A factor of 15% of the jib crane capacity is allowed for the hoist and trolley weight with an additional 25% of the capacity allowed for impact, thus giving full rated capacity use of the jib

Ease of Installation

- When the bracket center dimension is 6' 0" or less, the mast/boom connection is welded. This provides the most economical means of installation
- When the bracket center is greater than 6' 0", a bolted mast/boom connection is used, which enables the larger cranes to be shipped disassembled for ease of handling during shipping and installation
- Grease fittings are provided for easy field lubrication

 **200° Power rotation is an available option.**

WC200 Wall Cantilever Jib



The Thrust & Pull diagram above details the thrust and pull forces that the jib applies to the supporting structure when a load is lifted. It is essential that a structurally adequate wall or column exists. Refer to the Thrust & Pull chart opposite this page for exact forces.

Top and Bottom Bracket Fittings



Wall Cantilever fitting kits are available for fabrication of cranes locally.

WC200 Wall Cantilever

CAPACITY	SPAN (A)	MODEL NUMBER	B	E	F	G	W	THRUST & PULL
1/4 Ton	8'	WC200-B1-8-W6	3' 0"	5"	3-1/2"	6"	6"	1760#
	10'	WC200-B1-10-W6	3' 0"	5"	3-1/2"	6"	6"	2300#
	12'	WC200-B1-12-W6	3' 0"	5"	3-1/2"	6"	6"	2850#
	14'	WC200-B1-14-W8	3' 0"	5"	3-1/2"	6"	8"	3620#
	16'	WC200-B1-16-W8	3' 0"	5"	3-1/2"	6"	8"	4270#
	18'	WC200-B1-18-W8	4' 0"	5"	3-1/2"	6"	8"	3700#
	20'	WC200-B1-20-W10	4' 0"	5"	3-1/2"	6"	10"	4620#
1/2 Ton	8'	WC200-B1-8-W8	3' 0"	5"	3-1/2"	6"	8"	3460#
	10'	WC200-B1-10-W8	3' 0"	5"	3-1/2"	6"	8"	4500#
	12'	WC200-B1-12-W8	3' 0"	5"	3-1/2"	6"	8"	5570#
	14'	WC200-B1-14-W8	4' 0"	5"	3-1/2"	6"	8"	4990#
	16'	WC200-B1-16-W10	4' 0"	5"	3-1/2"	6"	10"	6080#
	18'	WC200-B1-18-W10	4' 0"	5"	3-1/2"	6"	10"	7000#
	20'	WC200-B1-20-W10	6' 0"	5"	3-1/2"	6"	10"	5300#
1 Ton	8'	WC200-B1-8-W8	4' 0"	5"	3-1/2"	6"	8"	5040#
	10'	WC200-B1-10-W8	5' 0"	5"	3-1/2"	6"	8"	5220#
	12'	WC200-B1-12-W10	5' 0"	5"	3-1/2"	6"	10"	6530#
	14'	WC200-B1-14-W10	5' 0"	5"	3-1/2"	6"	10"	7790#
	16'	WC200-B1-16-W10	6' 0"	5"	3-1/2"	6"	10"	7550#
	18'	WC200-B1-18-W16	6' 0"	5"	3-1/2"	6"	16"	9150#
	20'	WC200-B1-20-W16	6' 0"	5"	3-1/2"	6"	16"	10370#
2 Ton	8'	WC200-B2-8-W10	4' 0"	5"	4"	6"	10"	10010#
	10'	WC200-B2-10-W10	4' 0"	5"	4"	6"	10"	12920#
	12'	WC200-B2-12-W16	4' 6"	5"	4"	6"	16"	14410#
	14'	WC200-B2-14-W16	5' 0"	5"	4"	6"	16"	15440#
	16'	WC200-B2-16-W18	6' 0"	5"	4"	6"	18"	15070#
	18'	WC200-B2-18-W18	6' 6"	5"	4"	6"	18"	15890#
	20'	WC200-B2-20-W21	7' 6"	5"	4"	6"	21"	15840#
3 Ton	8'	WC200-B3-8-W16	4' 0"	5"	4"	6"	16"	15060#
	10'	WC200-B3-10-W16	4' 6"	5"	4"	6"	16"	17300#
	12'	WC200-B3-12-W16	5' 6"	5"	4"	6"	16"	17390#
	14'	WC200-B3-14-W18	6' 0"	5"	4"	6"	18"	19020#
	16'	WC200-B3-16-W18	7' 6"	5"	4"	6"	18"	17650#
	18'	WC200-B3-18-W21	8' 6"	5"	4"	6"	21"	17980#
	20'	WC200-B3-20-W21	9' 6"	5"	4"	6"	21"	18110#
5 Ton	8'	WC200-B5-8-W18	6' 6"	7"	6"	9"	18"	15320#
	10'	WC200-B5-10-W18	6' 6"	7"	6"	9"	18"	19770#
	12'	WC200-B5-12-W21	6' 6"	7"	6"	9"	21"	24380#
	14'	WC200-B5-14-W21	7' 6"	7"	6"	9"	21"	25080#
	16'	WC200-B5-16-W24	9' 6"	7"	6"	9"	21"	23240#
	18'	WC200-B5-18-W24	9' 6"	7"	6"	9"	24"	26490#
	20'	WC200-B5-20-W24	9' 6"	7"	6"	9"	24"	29770#

Model Number Explanation

Example: 1 Ton WC200-B1-12-W10; 1 Ton = 2,000 pound capacity, WC200 = Wall Cantilever style, 12 = span (A), 10 = boom size in inches (W).

Other Sizes & Capacities Readily Available

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

Note: Dimensions are subject to change without notice.