

# Articulating Jibs

## 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)

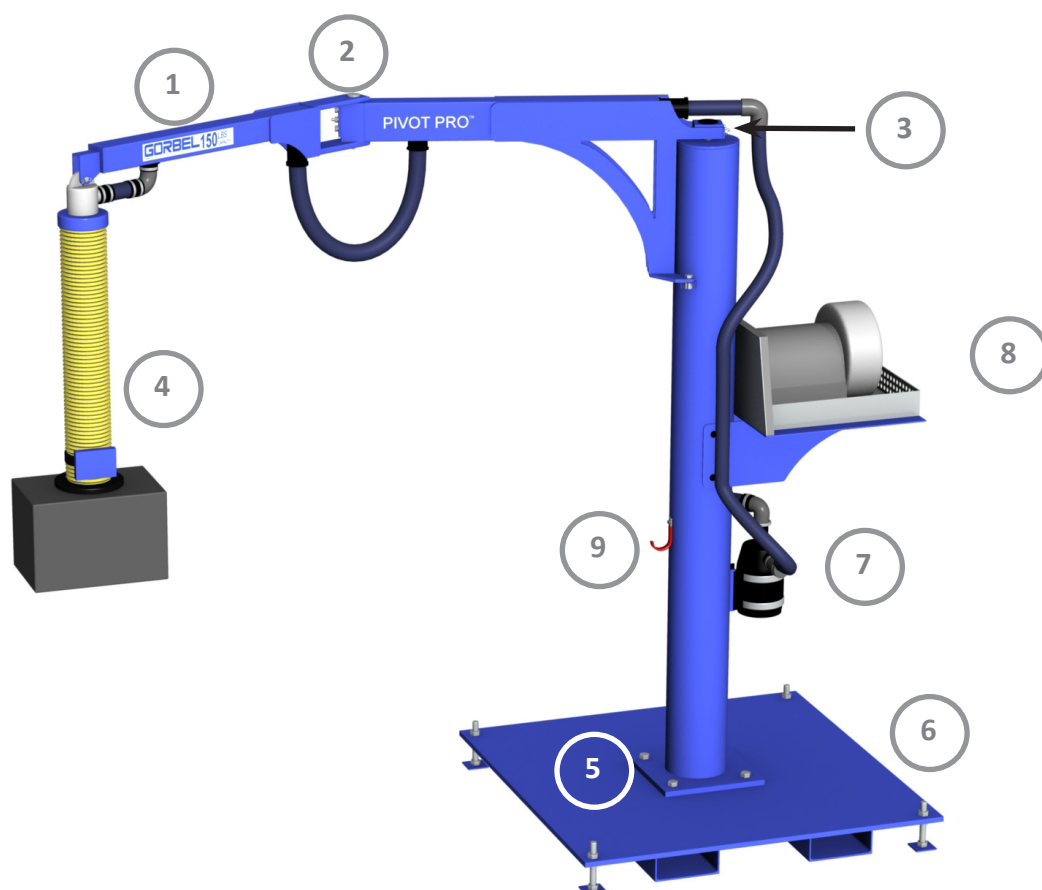
The PIVOT PRO® has multiple rotation stop locations so you can tailor the coverage area to your needs.

## 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)

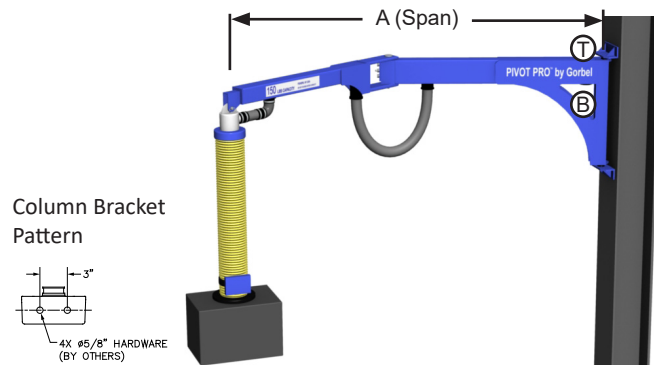
When the PIVOT PRO® is not being used, this hook will keep your handle or end effector off the floor.

# 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.

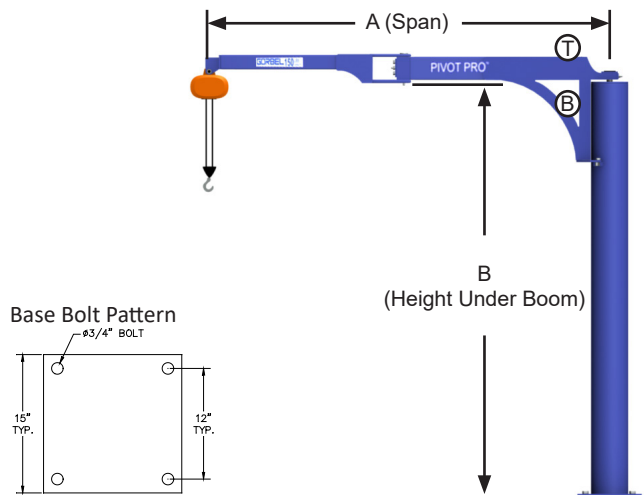


**Includes:** Jib boom assembly (primary and secondary arm), jib arm, pivot assemblies, friction brakes, vacuum hose between primary and secondary arm, hose fittings and mounting assembly (5/8" mounting hardware by others).

## 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).

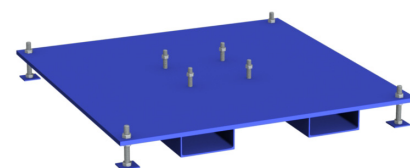


UNDER ARM HEIGHT	VACUUM HOSE LOCATION	OVERALL HEIGHT
10'	Top	10' 6-3/8"
12'	Top	12' 6-3/8"
10'	Back	10' 3-5/8"
12'	Back	12' 3-5/8"

**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.