

# ELIMINATE COSTLY POURED FOUNDATIONS

**Spanco Foundationless Jib Cranes** are industrial slab-mounted systems for indoor use that are bolted to reinforced concrete. If the requirements are met, these systems do not require a special poured foundation, which can sometimes cost more than the system. By not requiring a special poured foundation, you don't have to wait for concrete to cure, meaning you can have your system installed sooner.

## FOUNDATIONLESS JIB CRANE ADVANTAGES

- No special poured foundation required
- Can install almost anywhere in the facility (see Foundationless Jib Order Acceptance Disclaimer)
- Can easily be relocated if needed
- 360-degree rotation

## FLOOR REQUIREMENTS

- Six-inch thick minimum 3,000 PSI reinforced concrete
- Concrete must use at least #4 rebar at 14-inch maximum centers or wire mesh reinforcement per ACI 318
- Soil must meet International Building Code Class 4 or better specifications with 2,500 pounds-per-square-foot minimum allowable soil pressure under concrete floor

*NOTE: Shorter spans, shorter systems, and derating are offered. Longer spans, taller systems, and heavier capacities are not offered. There are additional requirements. For more information, please contact Spanco at 800-869-2080.*

## SPANCO FOUNDATIONLESS JIB CRANES

Foundationless Jib Cranes	Boom Rotation	Capacities	Spans	Height Under Boom	Beam Type	Powered Rotation
<b>600 Series Freestanding</b>	360°	*500-1,000 lbs.	*8' to 13'	*8' to 20'	I-beam	Chain & Sprocket
<b>605 Series Freestanding</b>	360°	*250-1,000 lbs.	*4' to 16'	*8' to 12'	Trussed Enclosed Track	N/A

\*Dependent on capacity, span, and Height Under Boom (HUB) selected

# JIB CRANES FOUNDATIONLESS

## 600, 605 SERIES



**600 Series**  
Foundationless Jib Crane  
360° Rotation

*NOTE: Jib must be mounted and installed a minimum of 24 inches from the mast centerline to a wall or joint.*



**605 Series**  
Foundationless Jib Crane  
360° Rotation

## JIB CRANES MOTORIZED

# CUSTOM ENGINEERED FOR LONG LIFE

### We custom engineer our motorized jib cranes

to assure a long service life for your specific application. Wall-cantilever, wall-bracket, and mast-style jib cranes use the same basic drive as the freestanding model, guaranteeing high performance and reliability.



*A 3-Ton Motorized Freestanding Jib Crane with Epoxy Coating for corrosive environments.*

- We use direct chain and sprocket drives for the accurate and easy positioning of loads. These drives deliver positive traction, eliminating slippage problems common to some tractor-type drives or drives that power roller assemblies. The direct chain and sprocket design is also better for roller durability since it is not directly driving the load-bearing roller assemblies.
- Our drives include a field-adjustable torque limiter for drive protection, as well as a worm gear reducer in an oil bath lubrication for long-lasting, reliable operation and low maintenance.
- TEFC 30-minute rated motors with thermal overload protection are standard.
- All drive parts are easily accessible for lubrication, adjustment, and maintenance.

### JIB CRANE DRIVE OPTIONS

- Stainless Steel Wear Rings for corrosive or spark-resistant applications.
- Air Drives
- Special Control Enclosures and wiring for hazardous locations.
- Multi-Speed Units for delicate handling situations.
- Protective Coatings: galvanizing, epoxy, and additional custom coatings as required by your application environment.

# FITS ANY FREESTANDING BOX STYLE HEAD CRANE

## JIB CRANES RETROFIT JIB DRIVES

**Spanco Retrofit Jib Drives** convert your existing manual rotation jib crane to motorized rotation for a fraction of the cost of a new powered crane.

These drives are ideal for powering the rotation of heavier loads, or when your production area makes manually rotating the jib unsafe, impractical, or inefficient.

### Universal Modular Design

Spanco Retrofit Drives have a modular design that bolts onto the back of any box style head assembly.

Our jib drive features a high-efficiency electric motor and ultra-reliable worm gear reducer with self-lubrication. The worm gear drives a set of large steel rollers fitted with polyurethane treads for exceptional durability and traction.

The rollers are constantly kept at the correct pressure against the crane's mast via a spring-loaded tension adjustment mechanism, assuring smooth acceleration and jib rotation.

### SPANCO RETROFIT DRIVE OPTIONS

- Air Drives
- NEMA 12 and 4 control enclosures (for indoor use)

Spanco Retrofit Jib Drives meet CMAA, OSHA, ASME standards, and are not for outdoor use.

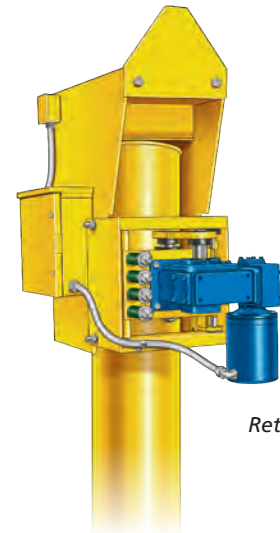
### JIB DRIVE CONTROL PANEL

#### A NEMA 4 Enclosure Houses:

- Mainline Contactor
- Thermal Overload
- 110V Fused Control Transformer
- Branch Circuit Fusing to Crane Motor
- Variable Frequency Drive

#### Control Panel Options

- NEMA 12 and 4 control enclosures for indoor use
- Explosion proof enclosures and wiring
- Controls can be set up for 230 volt, 460 volt, or 575 volt, 3-phase, 60-cycle power supply; call Spanco regarding additional available voltages.



Retrofit Jib Drive

Retrofit Drives	Capacity	Max. Jib Span	Speed (Nominal)
<b>RDU-2-(Mast Dia.)</b>	2 Ton	20'	1/2 RPM
<b>RDU-3-(Mast Dia.)</b>	3 Ton		
<b>RDU-5-(Mast Dia.)</b>	5 Ton		



Jib Drive Control Panel

## SPANCO JIB CRANES

# THE PERFECT COMPLEMENT FOR YOUR EXISTING OVERHEAD CRANES

### Six Times The Flexibility

A manufacturer of large material handling systems needed a quick way to move large components like superstructure engine assemblies to and from the main assembly conveyor without having to wait for one of the plant's 30-ton overhead cranes.

Their local Spanco distributor recommended that they install six One-Ton Capacity 300-Series Wall-Mounted Jib Cranes in critical work areas. Now, one worker can lift and move major components over ever-changing floor obstacles and back onto the conveyor without using a 30-ton crane. And, the jib cranes simply fold away when the large overhead cranes are needed.



### The Right-Sized Crane

A steel mill realized that its large overhead cranes were frequently unavailable for key tasks, such as ladle transport, because they were also used for smaller tasks, e.g., ladle lid removal and replacement. Plus, the large cranes were difficult and slow to maneuver for these smaller tasks.

Impressed by our 20 years of steel mill experience, the mill invested in a Spanco Wall-Traveling Jib Crane. The new, custom-engineered jib crane travels on beam runways that are mounted onto support columns. It readily removes and replaces ladle lids, while the large overhead cranes can focus on transferring the ladles themselves. As a plus, the wall-traveling jib is quickly moved out of the way when the large overhead cranes are needed.

## JIB CRANES WARRANTY

### PRODUCT WARRANTY COVERAGE

Spanco, Inc. warrants its products to be free from defects in material and workmanship as follows:

- Manual Systems & Equipment: Ten Years
- Motorized Systems & Equipment: One Year
- Paint & Finishes for Non-Aluminum Components: Two Years

#### Ten-Year Warranty Coverage:

- Defects in equipment material and workmanship of manual systems and equipment
- Wearable parts (workstation bridge crane end trucks and hoist trolley wheels only)

Spanco, Inc. warrants its manual workstation bridge crane, jib crane, and gantry crane products to be free from defects in material and workmanship for a period of ten (10) years or 20,000 hours, commencing on the date of shipment to the first retail purchaser. This warranty extends to non-wearable parts only, with the exception of the wheels supplied on manually operated workstation end trucks and hoist trolleys.

#### One-Year Warranty Coverage:

- Defects in equipment material and workmanship of motorized systems and equipment

Spanco, Inc. warrants motorized equipment to be free from defects in material and workmanship for a period of one (1) year or 2,000 hours, commencing on the date of shipment to the first retail purchaser.

#### Two-Year Warranty Coverage:

- Paint coatings and finishes for non-aluminum components

Spanco, Inc. warrants its paint and finishes for a period of two (2) years. Warranty claims related to coatings must be accompanied by documentation of the product's application and environmental conditions from time of delivery to time of claim.

### WARRANTY TERMS & CONDITIONS

All warranty claims must be approved by Spanco before any work is performed. Spanco's obligation under this warranty is limited to the replacement or repair of Spanco products at the factory or separate location approved by Spanco. **Other than the above mentioned warranty, Spanco will not honor any other warranties—whether expressed, implied, or statutory—and disclaims any warranties of merchantability or fitness for a particular purpose.** Spanco has the right to reject any warranty claim due to harsh and/or inappropriate environmental conditions.

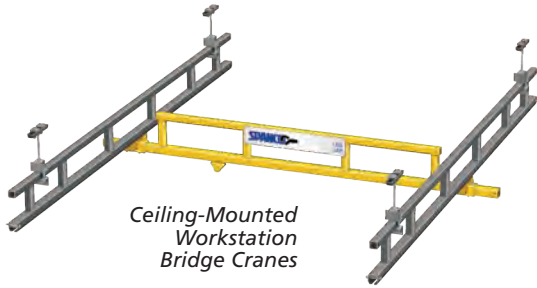
#### Spanco Is Not Liable for:

- Indirect, incidental, or consequential damages including lost profits, operating costs, loss of production, or travel expenses
- Components or accessories not manufactured by Spanco
- Defective equipment or system failure caused by misuse, negligence, and improper installation or maintenance
- Equipment that has been used in excess of its rated capacity or beyond its service factors
- Equipment that has been altered without Spanco's written authorization
- Damage incurred by freight carriers
- Any loss, injury, or damage to persons or property resulting from failure or defective operation of material or equipment

#### Reimbursement Disclaimer:

- Written notice of any claimed system defect must be given to Spanco within ninety (90) days of shipment.
- All requests for reimbursement must be accompanied by proper documentation.
- Reimbursement is provided in the form of a credit unless otherwise approved by Spanco management.
- Reimbursement for labor will be provided at a maximum rate of \$75 per hour.
- All reimbursement is subject to approval by Spanco management.

# SPANCO FAMILY OF LIFTING SOLUTIONS



Ceiling-Mounted Workstation Bridge Cranes



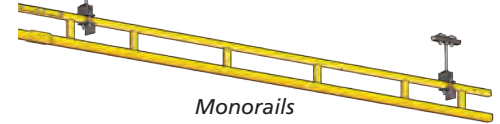
Freestanding Workstation Bridge Cranes



Lightweight and Portable Aluminum Gentries



Versatile Steel Gantry Cranes



Monorails



Wall-Mounted Jib Cranes



Freestanding Jib Cranes

To learn more about Spanco's full line of material handling products, including Jib Cranes, Gantry Cranes, and Workstation Bridge Cranes, please visit [Spanco.com](http://Spanco.com).



## JIB CRANES NEXT STEP



Our engineering department stands ready to help you or your qualified architect or engineer address any and all challenging applications. If you ever have any questions regarding the installation, operation, or maintenance of your crane, call us at 800-869-2080.

To find your manufacturer's rep, visit [Spanco.com](http://Spanco.com) or call us at **800-869-2080**. We'll connect you with the most qualified local Spanco dealer for your application. Your dealer will gladly review your needs in-person and make expert recommendations. We stand ready to deliver on our Promise to Perform.

**Locations:** ■ Morgantown, PA ■ Las Vegas, NV  
**U.S. Phone:** 800-869-2080 ■ **Outside U.S. Phone:** 1-610-286-7200  
**Email:** [info@Spanco.com](mailto:info@Spanco.com) ■ **Website:** [Spanco.com](http://Spanco.com)



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SP-JC-BR0419V2