

























# WALL TRAVELING JIB CRANES

*Cost-effective Solutions  
For Lifting and Moving  
Heavy Material*

## SPECIAL JIB CRANE DESIGNS WALL TRAVELING JIB CRANES

- Wall traveling jib cranes are custom engineered as a perfect complement to an overhead crane system to perform tasks efficiently without tying up an overhead crane, also they can be used to cover a series of workstations with little or no downtime waiting for an overhead crane.
- Wall traveling jib crane end trucks use channel beam construction frames to resist twisting and are jig-fixture and machined to maintain consistent manufacturing tolerances. Bolt type connection to back frame for ease of erection and assembly. Top running end trucks utilize forged steel double flange crane wheels for long life.
- Crane drive utilizes squirrel cage motor with double reduction spur gear reducer.
- Standard single speed controls include mainline contactor, control transformer, inverter acceleration control and fuses in NEMA 3R, 4, 12 control enclosures.
- Multi-speed units are equipped with variable frequency drives.
- Jib boom is fabricated from standard “S” beam with vertical angle truss to reduce deflection. Jib boom and truss bolt to back frame for ease of erection and assembly.
- A professional architect or engineer should approve any wall traveling jib application since forces exerted on a building structure are severe.



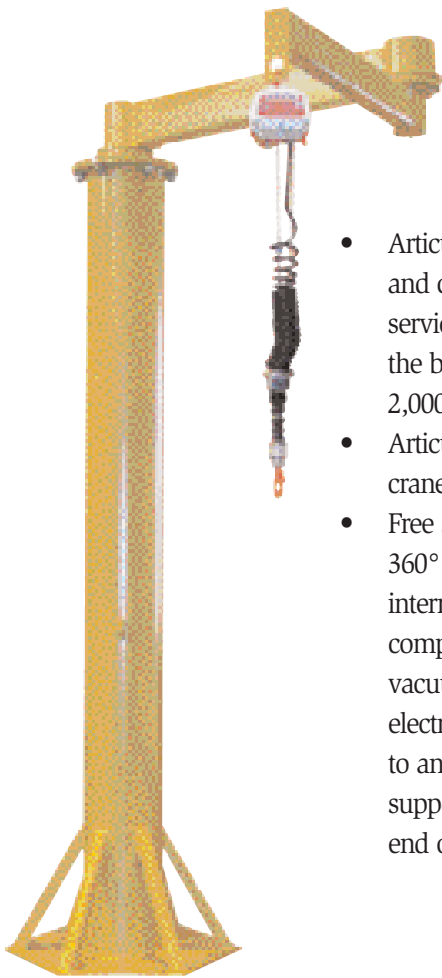
SPANCO manufactures the most complete line of custom designed and standard jib cranes in the United States.



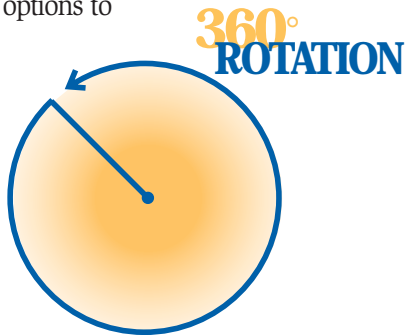
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## ARTICULATING JIB CRANES

### Free Standing



- Articulating jib cranes can move loads around corners and columns, reach into machinery and containers and service an area from close to the pivot point to the end of the boom for 360° of operation. Capacities from 150 to 2,000 lbs., spans to 16 ft.
- Articulating jibs can be floor, wall, ceiling, or bridge crane mounted to best suit your application.
- Free standing and ceiling mounted series offer 360° rotation with options to internally pipe compressed air, vacuum or electrification to any device supported on the end of the boom.



# ARTICULATING JIB CRANES

### Bridge and Ceiling Mounted

- SPANCO's bridge mounted articulating jib design offers more headroom than those by other manufacturers.
- Bridge mounted jibs can support nearly any type of manipulator, balancer, or hoist.



# OPTIONS FOR JIB CRANES

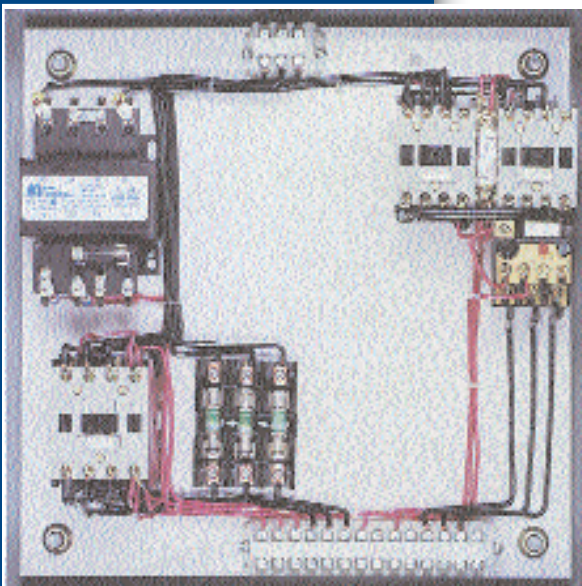
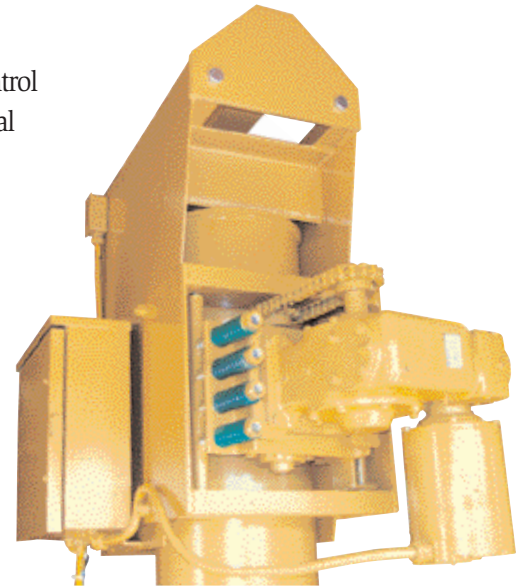
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## RETROFIT DRIVE

- SPANCO's retrofit drive will fit all free standing jib cranes with a box style head assembly. Our modular style bolts to the back of the head assembly. High efficiency electric motor and worm gear reducer power large steel rollers with polyurethane treads, insuring good traction. Drive rollers are easily adjusted through spring tension insuring constant driving force.
- Standard unit is single speed with mainline contactor, reversing contactor, control transformer and fusing with a NEMA 3R control panel.

### Options include:

- Multi-speed control, special control enclosures, air drives and special protective coatings.
- Retrofit drive kits are a cost effective method to upgrade an existing freestanding jib crane or a lower cost alternative to power rotate a new jib crane.



## CONTROL PANEL

- SPANCO Standard Single Speed Control Panel - Includes mainline contactor, reversing magnetic contactors, thermal overload, 110V fused control transformer, branch circuit fusing to crane motor and solid state adjustable "soft start" control adjustable for time and torque in a NEMA 3R enclosure.
- SPANCO offers a variable frequency drive option, which eliminates the need for reversing contactors, and allows for multi-speed operation of jib cranes. Variable frequency drive provides infinitely variable speed options for maximum control and load positioning from micro speed to full speed, both in acceleration and deceleration phases.
- Optional control panels meet requirements for NEMA 12 and 4 environments for outdoor and indoor use.
- Explosion-proof enclosures and wiring are available for hazardous environments.





