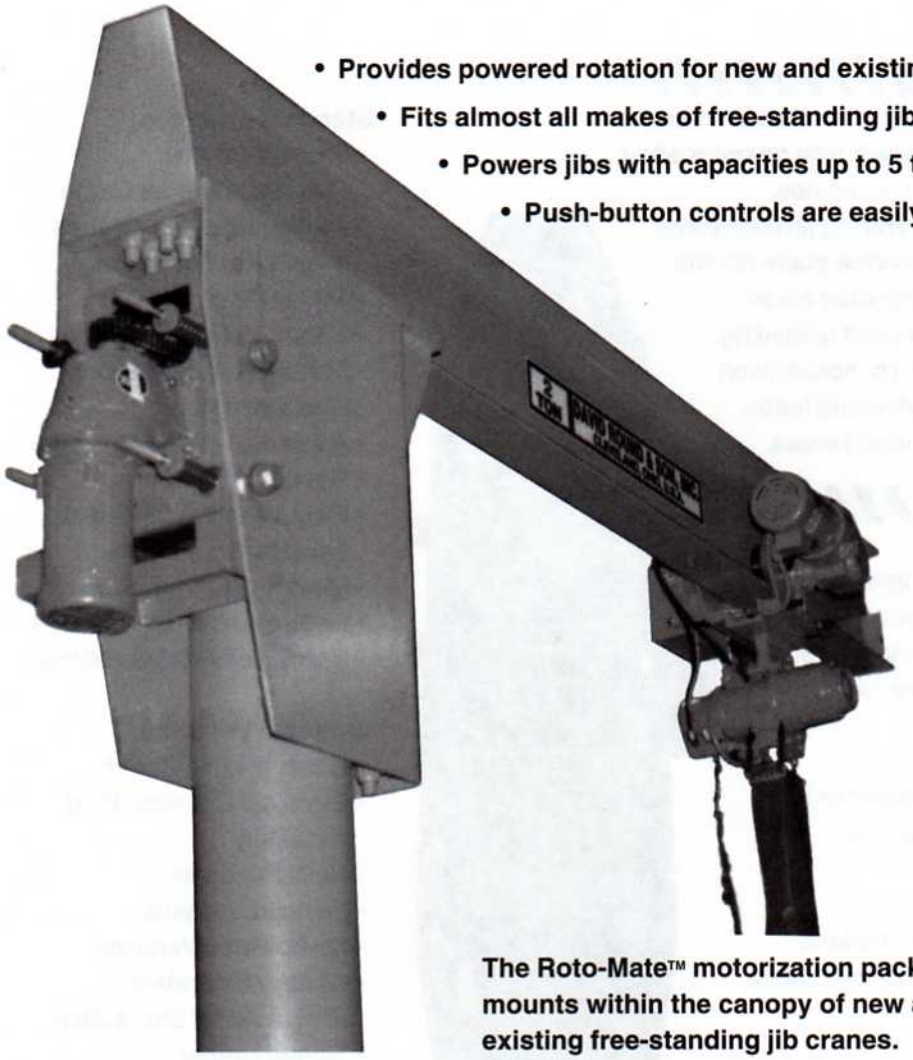
JIB CRANE MOTORIZATION

NEW! ROTO-MATE™

July 1, 1999

- **Provides powered rotation for new and existing jib cranes.**
- **Fits almost all makes of free-standing jibs.**
- **Powers jibs with capacities up to 5 tons and spans up to 20 feet.**
- **Push-button controls are easily added to hoist pendant.**



The Roto-Mate™ motorization package mounts within the canopy of new and existing free-standing jib cranes.

REDUCE WORKER STRAIN AND PREVENT BACK INJURIES.

- Representing a breakthrough in jib crane motorization, the Roto-Mate is nearly half the cost of other jib drives. Motorized jib rotation is now affordable and a "must-have" feature, not a luxury.
- Relieve operator strain in both high-capacity and high-use jib crane applications with the addition of the Roto-Mate jib crane drive.
- The Roto-Mate fits almost every make of free-standing jib crane. Available as an option on new jibs or as an add-on retrofit kit, the Roto-Mate is easily installed in the field.
- A unique double-reducer design, accessible pressure adjustment, sealed lubrication and proven drive technology enables the Roto-Mate to deliver years of dependable service.

Also available from David Round:
Tractor drives, jib cranes, wire rope hoists, winches, end trucks, gantry cranes, sheaves and chain

David Round & Son, Inc. • 32405 Aurora Road • Solon, OH 44139 • Phone (440) 248-4700 • Fax (440) 248-8544

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Benefits

- Rotate jib cranes into position with push-button controls.
- Safely position up to 5-ton loads with little operator effort.
- Reduce employee back strains and injuries.
- Accurately position loads by eliminating jib over-travel.
- Avoid machinery damage with precise boom control.
- Rotate jib booms easily in overcrowded areas.
- Improve efficiency during loading and unloading.
- Eliminate hoist side-loading with jib motorization.
- Position operators farther from jib crane loads.
- Position jib booms over hard to reach areas.

Applications

Assembly & Fabrication

- Align components in assembly operations.
- Reduce operator strain and fatigue.
- Load fixtures and tooling onto machinery.
- Lift products onto work tables and carts.

Processing

- Repetitively load material into machinery.
- Raise material from pits and hoppers.

Shipping & Receiving

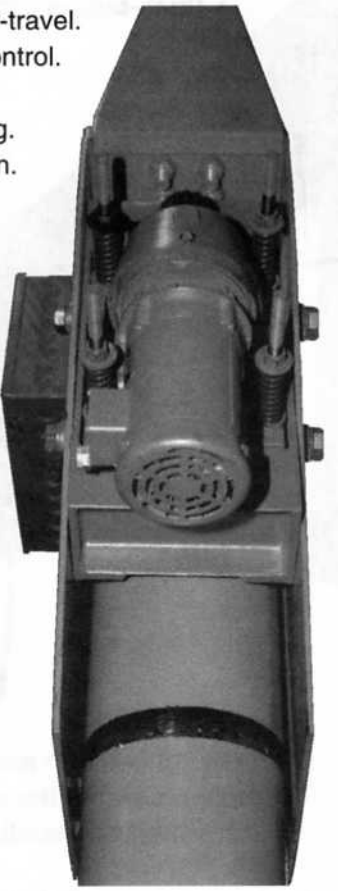
- Load cumbersome products onto trailers.
- Lower equipment onto pallets and into crates.

Service & Maintenance

- Safely remove and replace fork truck batteries.
- Raise motors and pumps through access ports.

Warehousing & Storage

- Lift and rotate products onto mezzanines and platforms.
- Position products on slide-out shelving and carousels.



Roto-Mate shown from rear of jib crane canopy.

Standard Features

- Fits Almost Any Free-Standing Jib Crane
- Available on New Cranes or as a Retrofit Package
- 1/2 Hp Drive Motor
- 230 or 460 Volt Operation
- Soft-Start Acceleration
- Dual Drive Wheels
- Adjustable Wheel Pressure
- Reversing Starter
- Field Mounted Electrical Enclosure
- Mounting Frame Sized to Fit Each Jib Crane Canopy
- Bolt-On or Weld-On Models

Optional Features

- Rotation Limit Switch
- Electrical Collector Ring Assembly
- Hoist Pendants
- Festoon Systems
- Air-Powered Versions
- Canopy Extenders (Required for Some Jibs)
- Torque Limiter
- Wall-Mounted Crane Drives Also Available

Fits Most Jibs!

- David Round & Son
- Gorbel
- Spanco
- Abell-Howe
- Contrx
- Bushman
- Handling Systems, Inc.
- McMaster-Carr, Grainger & Others

Distributed By:

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