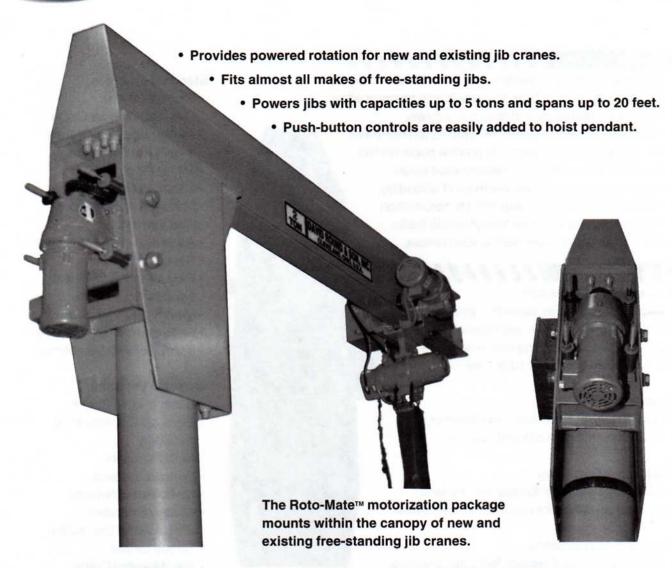


# JIB CRANE MOTORIZATION

July 1, 1999



# 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 freestanding 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 July 1, 1999

### 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.

# Roto-Mate shown from

Roto-Mate shown from rear of jib crane canopy.

Distributed By:

### 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

# Warehousing & Storage

· Lift and rotate products onto mezzanines and platforms.

· Position products on slide-out shelving and carousels.

# Fits Most Jibs!

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