

# RAILRUNNER™

TRACTOR DRIVE

Push, pull and position overhead loads with the ease of push-button operation.

## Motorize the travel of push trolley hoists

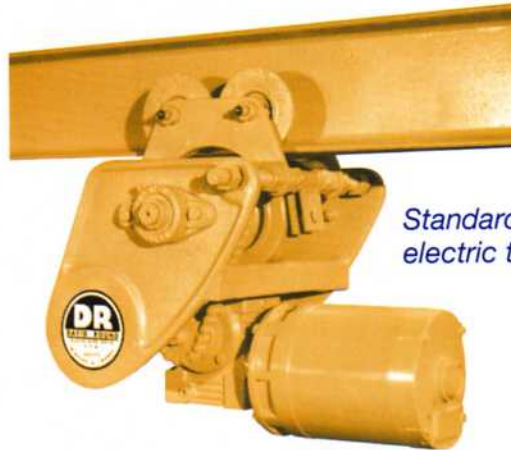
Add a single tractor drive to motorize the trolley travel of an existing hoist with a manual trolley.

- Towing capacities from 1/2 to 15 tons.
- Electric and air versions available with speeds to 300 FPM.
- Easily installed in the field, the RailRunner fits both tapered and flat flange beams as well as patented track systems.

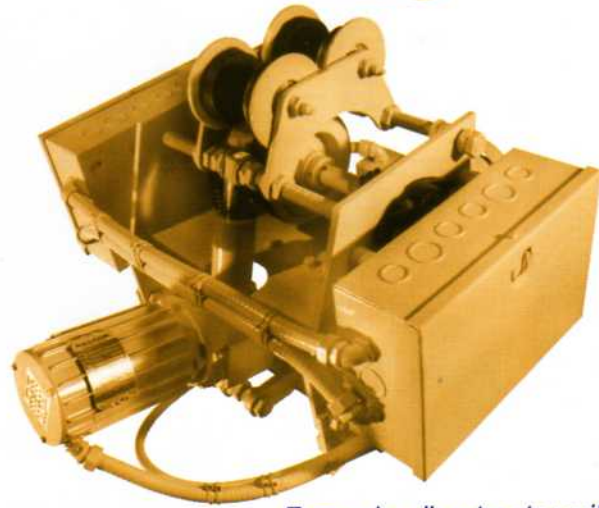
## Drive push-pull style manual bridge cranes

Install a pair of tractor drives to motorize existing manual push-pull style bridge cranes.

- Twin synchronized tractors share a common reversing control package.
- Soft start and inverter-based controls as well as explosion-proof and spark-resistant versions are available.



Standard E-series electric tractor



Free-wheeling tractor with variable speed drive



High-speed tractor (300 FPM)

## Free-wheeling option maximizes productivity

Motorize overhead trolley movement while maintaining manual positioning ability.

- Motorize the movement of hoists, ladles and other loads when directional push-buttons are pressed and drive tire is engaged.
- Manually reposition loads when drive tire retracts after push-buttons are released.
- One, two and variable speed models are available to accommodate long runs, sharp curves and switches.

THIS EQUIPMENT IS NOT TO BE USED FOR LIFTING OR SUPPORTING PEOPLE.

## Power loads along enclosed track systems

Motorize hoist, balancer, bridge crane and manipulator travel to reduce operator effort.

- Electric and air versions are available in fixed-wheel and free-wheeling configurations.
- Tractor drive accommodates all major brands of enclosed track systems.
- Various control packages permit manual, semiautomatic and fully automatic control over load positioning.
- Optional position encoders and variable frequency drives support intelligent power-assisted positioning applications.

### STANDARD FEATURES:

- Adjustable spring-loaded rubber drive tire
- Single speed push-button controls (electric)
- Variable speed lever controls (air)
- Four universal flanged trolley wheels (E, F & G)
- Two manual enclosed track trolleys (ET)
- 230 / 460 Volts - 60 Hz - 3 Phase (electric)
- Sealed gearing with chain-style final drive (E, F & G)
- 100% Sealed gearing (ET)
- Tow bar mounting clevis



Free-wheeling air-powered enclosed track tractor

### OPTIONAL FEATURES:

- Polyurethane drive tire
- Tow bar
- Extended flange width upgrade (E)
- Flangless wheels with guide rollers (E, F & G)
- Pendant upgrades
- Motor brake
- Soft start (electric)
- Two-speed versions
- Free-wheeling drive
- Variable speed AC inverter drive
- Weather-resistant component upgrades
- Spark-resistant features
- Explosion-proof controls
- Position encoders
- Cord-operated quick-release tow bar
- F-R-L assembly (air)
- Single phase versions (electric)

## Technical Specifications

TRACK	Model	Motor Size (Hp)	Maximum Speed <sup>1</sup> (ft./min.)					Flange Width (in.)		Min. Radius Curve <sup>3</sup> (in.)			Weight (lbs.)
			1 Ton	2 Ton	5 Ton	10 Ton	15 Ton	Min.	Max.	2 PT	3-1/4 PT	5 In. FW	
Monorail & Patented	E	1/2	210	190	75	N/A	N/A	2	5 <sup>2</sup>	15	16	20	150
	F	3/4	210	210	100	50	N/A	2	8	15	16	20	160
	G	1	210	210	150	75	50	2	8	15	16	20	170
Enclosed	ET	1/2	200	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	70

1. Other speeds available.

2. Upgrade permits tractor to accommodate flanges up to 8 inches in width.

3. PT = Patented track; FW = Flange width; Consult a David Round representative regarding enclosed track curve limitations. Information on other models available from a David Round representative.

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