



**Crane Power**

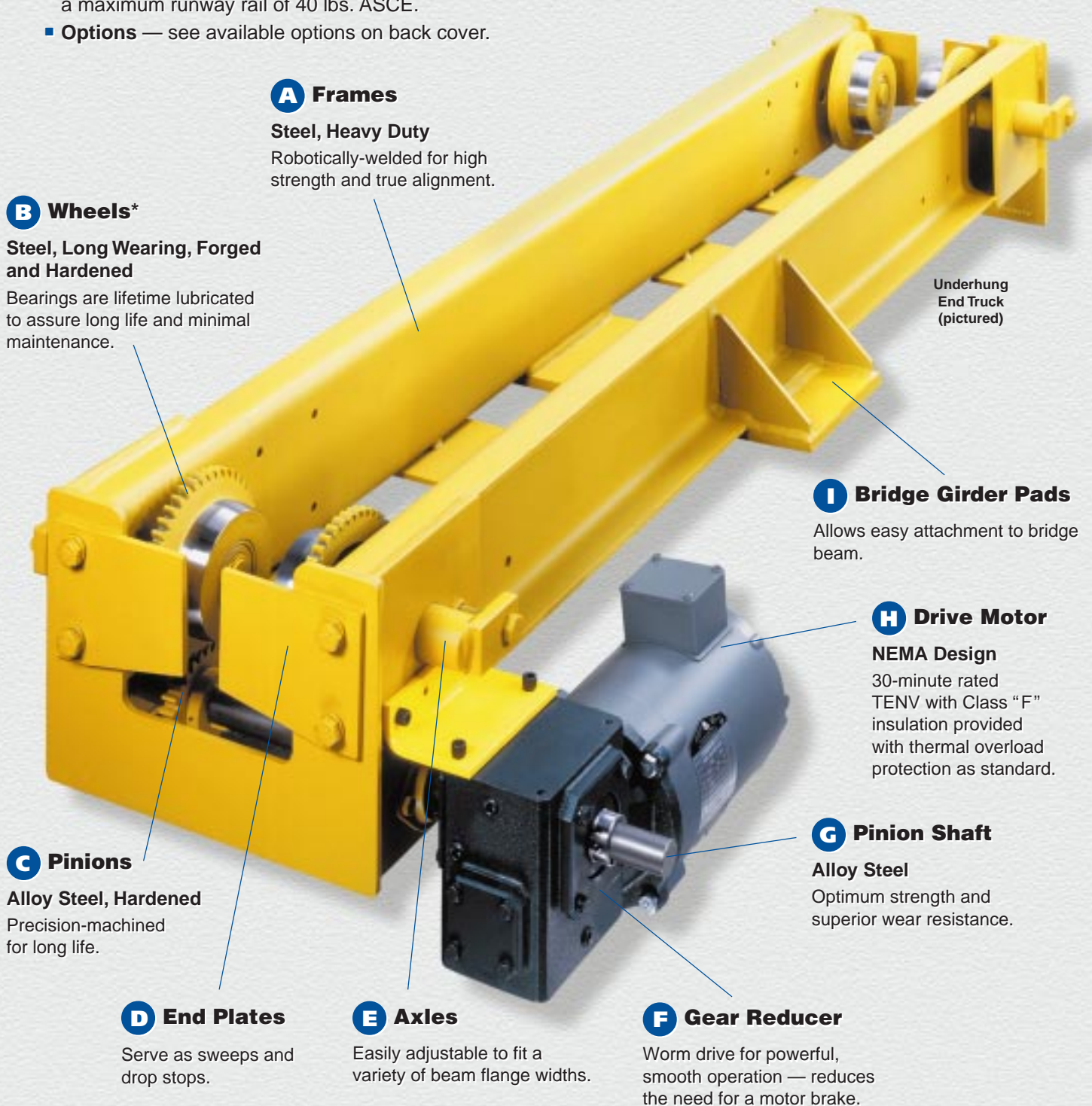
*High Performance Lifting™*

**COFFING®**  
HOISTS

# Bridge Crane Kits — *Market Matched*<sup>™</sup>

**In today's competitive marketplace** — It is vital to match the proper product to the application. That's why when you choose Coffing® Bridge Crane Kits, you get Coffing's extensive product knowledge and support to "market match" the right products with your needs.

- **Capacities** up to 5 tons.
- **Bridge Spans** up to 36 feet.
- **Single Girder** — **Underhung or Top-Running** End Trucks — Push-Type, Hand Geared, or Motorized versions. Motorized versions available in single or dual drives.
- **Runway Beams** — will fit American Standard S-beam, wide flange beams, and patented track applications. Top-running trucks are designed for operation on a maximum runway rail of 40 lbs. ASCE.
- **Options** — see available options on back cover.



**A Frames**  
Steel, Heavy Duty  
Robotically-welded for high strength and true alignment.

**B Wheels\***  
Steel, Long Wearing, Forged and Hardened  
Bearings are lifetime lubricated to assure long life and minimal maintenance.

Underhung End Truck (pictured)

**I Bridge Girder Pads**  
Allows easy attachment to bridge beam.

**H Drive Motor**  
NEMA Design  
30-minute rated TENV with Class "F" insulation provided with thermal overload protection as standard.

**C Pinions**  
Alloy Steel, Hardened  
Precision-machined for long life.

**G Pinion Shaft**  
Alloy Steel  
Optimum strength and superior wear resistance.

**D End Plates**  
Serve as sweeps and drop stops.

**E Axles**  
Easily adjustable to fit a variety of beam flange widths.

**F Gear Reducer**  
Worm drive for powerful, smooth operation — reduces the need for a motor brake.

# Configuration Options

*All Coffing Crane Components Meet All CMAA Specifications and Adhere to Rigid Design and Quality Specifications*  
Spark Resistant Components Available For All Models



**Underhung  
Angle-Type End Truck**  
Capacities to 2 Tons  
Spans to 30 Feet



**Underhung  
Carriage-Type End Truck**  
Capacities to 3 Tons  
Spans to 30 Feet



**Underhung  
Clevis-Type**  
Capacities to 1 Ton  
Spans to 25 Feet



**Underhung  
Push-Type End Truck**  
Capacities to 5 Tons  
Spans to 36 Feet



**Underhung  
Hand Geared End Truck**  
Capacities to 5 Tons  
Spans to 36 Feet



**Top-Running  
Push-Type End Truck**  
Capacities to 5 Tons  
Spans to 36 Feet



**Top-Running  
Hand Geared End Truck**  
Capacities to 5 Tons  
Spans to 36 Feet



**Top-Running  
Motorized End Truck**  
Capacities to 5 Tons  
Spans to 36 Feet

*\* Top-Running Trucks Have Cast Iron Wheels*

# Customize with Coffing®



**NEMA Control Panels**



**Electronic Acceleration Control**



**Space Vector™ Variable Frequency Drives**



**Bridge Brake**



**Air Drives**



**Special Drive Motors and Reducers**



**Current Collectors**



**Shielded Bar Conductors**



**Track Suspended Festooning**



**Rubber Bumpers**



Coffing systems are *Market Matched*-- offering the right hoisting products to complete your material handling application. Choose from the renowned **EC** and **ELC** electric chain hoists or the **WR** electric wire rope hoist. Capacities up to 5 tons.

## **⚠ WARNING**

Overloading and Improper Use Can Result In Injury

To Avoid Injury:

- **DO** Read, Apply, and Install Per Assembly Manuals.
- **DO** Install Trolley Stops.
- **DO NOT** Exceed Maximum Capacity.
- **DO NOT** Use to Lift People or Loads Over People.

# **COFFING®**

## **HOISTS**

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