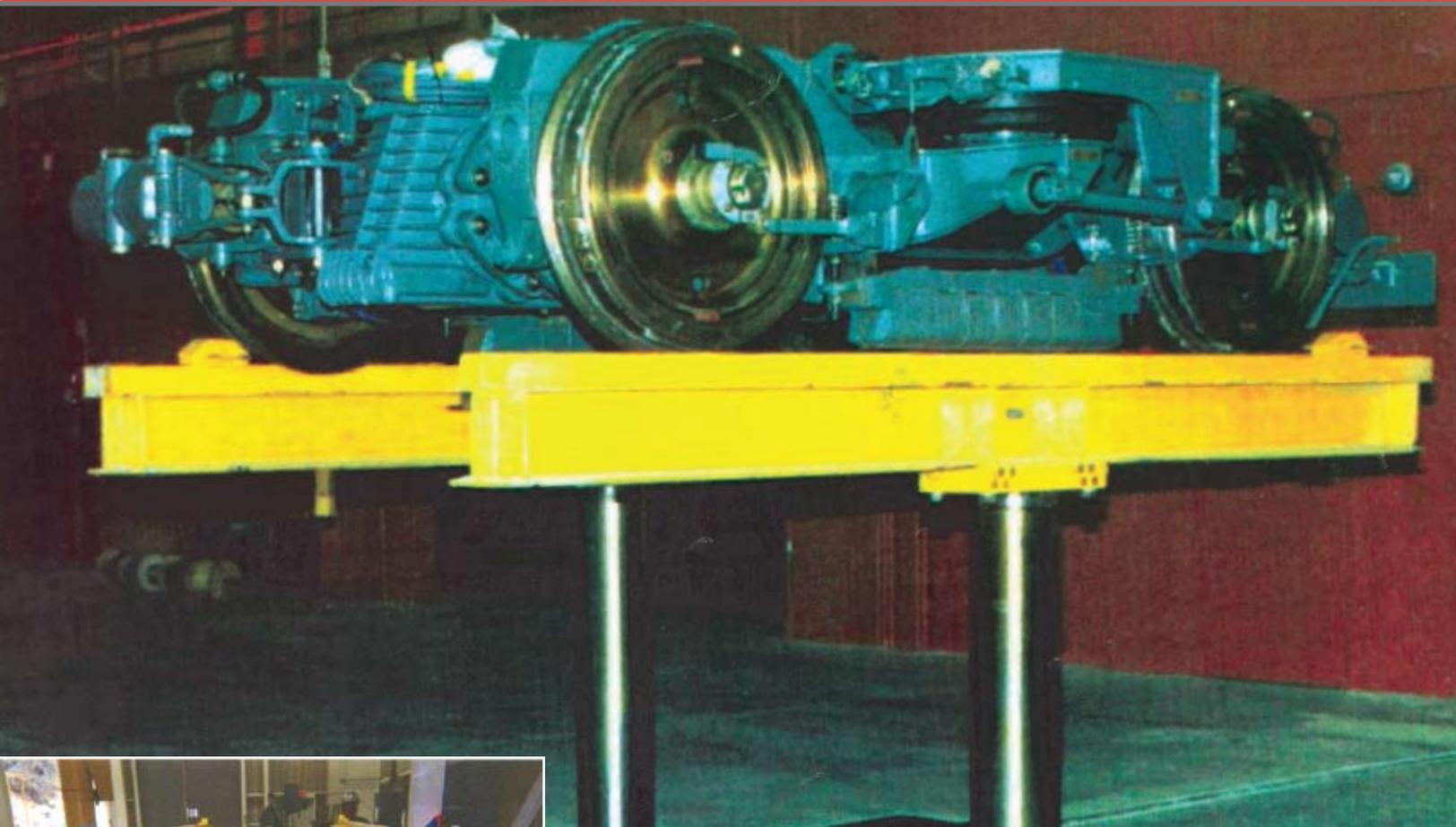


TRUCK REPAIR HOIST

For Rail Maintenance Facilities



Macton Truck Repair Hoists increase shop productivity and safety by allowing shop personnel to perform maintenance, repair and inspection of rail vehicles that are elevated at a convenient height above the shop floor.

The equipment design employs two mechanical screw jack units with self-locking screw threads and safety nuts providing failsafe protection.

Foundations for the standard Macton Truck Repair Hoist are configured with the shallow-pit design approach which reduces construction costs and eliminates the need to perform equipment servicing in what OSHA defines as "confined space". Macton also manufactures Truck Repair Hoist designed for deep-pit and basement installations.

Macton fully assembles and tests all equipment at our facility prior to shipping to reduce onsite installation time and ensure that the Truck Repair Hoist will function as specified once installed.



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TYPICAL SPECIFICATIONS

Truck Repair Hoist

Hoist

Hoist capacity 10 tons to 12 tons
Hoist lift (vertical travel)5 feet (60 in)
Hoist lifting rate (speed) 60 in/min

Lifting Rails

Length of lifting rails11 feet (132 in) minimum

Support Columns

Diameter of support columns 8.5in

Electrical

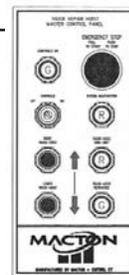
Power requirements30 amp, 480 VAC, 50/60 hz

Drive System

The hoist drive system consists of two self locking acme machine screws with an aluminum bronze load nut and a steel safety nut. An electronic nut wear sensor is available to monitor the wear of the load nut. One central motor drives the two screws through a series of beveled gear boxes and drive shafts. The screws are housed in an enclosed caisson and lubricated by means of a continuous oil bath providing an optimal wear life for the load nut.

Operator Controls

Fixed column mounted or pedestal type panel with optional remote



The above specifications apply to Macton's standard Truck Repair Hoist. Macton combines over 30 years of Rail Shop Equipment experience with extensive in-house engineering capability to provide our customers with the option of custom-engineered systems to accommodate special applications or site requirements.

For more information on Truck Repair Hoists and a complete list of Macton Rail Shop Equipment and Capabilities, please visit us on the web at macton.com or email Denise Louder at dlouder@macton.com.



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