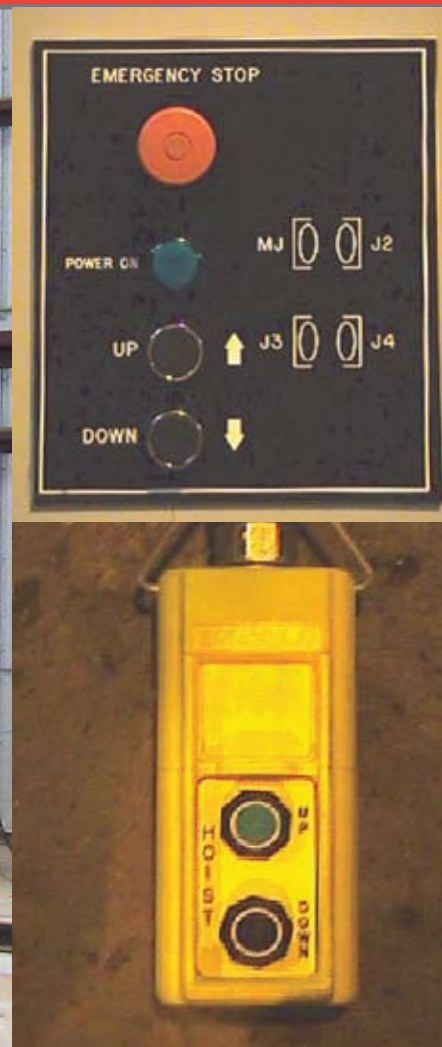


MACTON® Transportation Products

## PORTABLE CAR HOIST SYSTEM

Locomotive and Railcar  
Maintenance and Manufacturing



Macton Portable Car Hoist Systems provide maximum floor space flexibility, transforming any location in the shop with a suitable floor surface into a potential maintenance or repair area. The machine screw drive system in the Macton jack is continuously self locking to provide maximum security during lift operation. Capacity per set of four jacks ranges from 40 tons to 200 tons and multiple sets may be linked together to simultaneously lift coupled vehicles. Electrical features include upper and lower limit switches, load sensors on the jacking pad, motion control, group, pair and individual operation, and remote control operation.

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



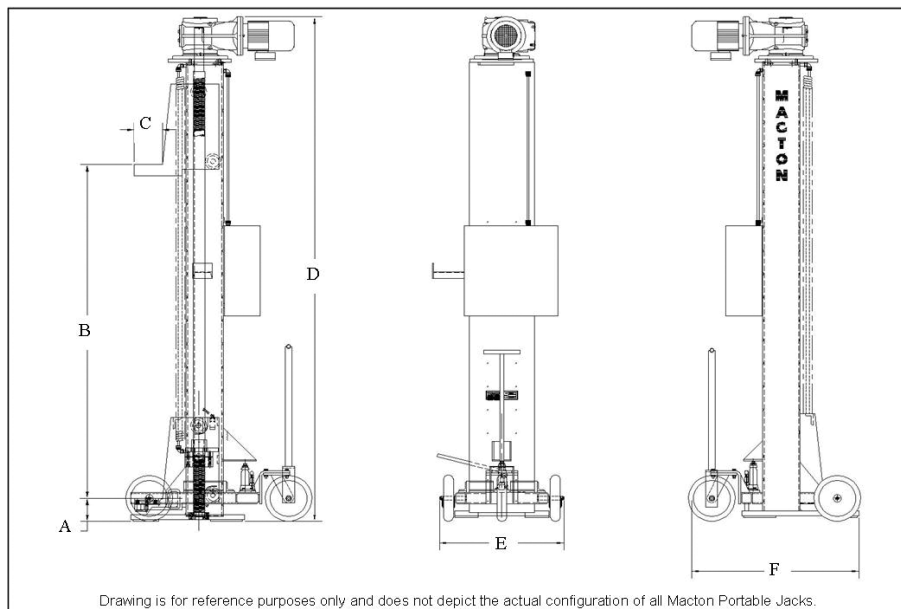
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# TYPICAL SPECIFICATIONS

## Portable Car Hoist Systems

Jack Model Number	Ref	10HLE	15HLE	20HLE	25HLE	35HLE	50HLE
Capacity per jack		10 Ton	15 Ton	20 Ton	25 Ton	35 Ton	50 Ton
Hoist speed		10 in/min	10 in/min	10 in/min	9 in/min	9 in/min	9 in/min
Starting (Minimum) Height	A	6 in	15 in	15 in	25 in	29 in	32 in
Lifting Height (stroke)	B	86 in	73 in	73 in	63 in	59 in	54 in
Jacking Pad Length	C	6 in	7 in	7 in	8 in	8 in	8 in
Overall Jack Height	D	131 in	116 in	116 in	116 in	116 in	111 in
Overall Jack Width	E	32 in	34 in	34 in	34 in	34 in	42 in
Overall Jack Length	F	42 in	42 in	45 in	45 in	49 in	54 in
Lifting Screws (one per jack)		Stub-Acme self-locking screw with automatic lubrication					
Supply Power		240/480 VAC, 50/60 hz, 3 Phase					
Motor Size		3 HP	5 HP	7.5 HP	7.5 HP	7.5 HP	10 HP

\*\*\* Specifications subject to change without notice.\*\*\*



The above specifications apply to Macton's standard Car Hoist System. 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 Portable Car Hoist Systems and a complete list of Macton Rail Shop Equipment and Capabilities, please visit us on the web at [macton.com](http://macton.com) or email Denise Louder at [dlouder@macton.com](mailto:dlouder@macton.com).



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