

# MARATHON

## TELESCOPIC HOIST



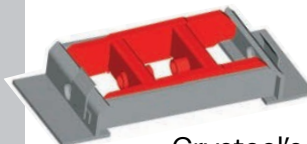
**POWER. PERFORMANCE. ENDURANCE.**

The Marathon Telescopic Hoist offers powerful lifting action while minimizing wasted doghouse space for maximum hauling capacity. Plus, because the Marathon is trunnion-mounted, its stability is unmatched by conventional top pinned telescopic hoists. Smooth acting final stages finish the job to a minimum 50° dump angle. High pressure maintenance-free twin lip seals never need adjusting. Built-in wipers keep the cylinder surface and seals clean and free of dirt, grit, and dust build-up. Marathon's ingenious body mount lifts directly on the longbeams for efficient power delivery and superior stability, throughout the dump cycle. All these features and more, backed by Crysteel's industry-leading 5-year warranty.



### EXCELLENT STABILITY

Because the Marathon's body and truck pivots are only a few inches apart, and because the Marathon lifts directly from the body's longitudinals, body twist and leaning are minimized for excellent stability.



### FLOATING CRADLE

Crysteel's Floating Cradle is designed to reduce the bending stress levels between the truck frame and dump body frame that occur when a truck is traveling over uneven terrain. The Floating Cradle is used on the M63138, M63153, and M63117 models.



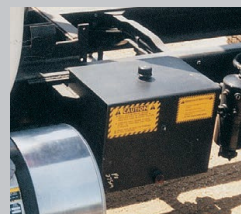
## QUALITY PERFORMANCE FEATURES



- Cylinder pivots on maintenance-free, greaseless composite Teflon® bearings.
- Reinforced lower cylinder tube and full-width angle hinge help ensure stability.
- Single-lever locking shifter with sealed cable.
- Reservoirs have sight gauge for easy visual inspection.

## OPTIONAL FEATURES

- Double-acting cylinders.
- Air shift control.
- Remote-mount bracket with drive-line kit for pump.
- Remote-mount valve with power beyond capabilities.
- Full-length subframe.
- Removable pin and/or composite bearing rear hinges.
- Remote underbody stabilizer.
- Less hydraulics.
- Return line filter kit.
- "Body up" indicator light kit.



### MARATHON HOIST LOAD CAPACITY IN TONS\*

Marathon Model	NTEA Class	Body Length (ft.)					
		11	12	13	14	15	16
M5399	70	27.5					
M53117	80		28.3	24.9			
M63117	120		49.3	44.1			
M63138	120				46.4	42.0	
M63153	120						41.8

## HIGH PERFORMANCE CRYSTEEL HYDRAULICS

- Oversized hydraulic hoses keep cycle time fast.
- O-ring ports keep connections leak-free for years of trouble-free service.
- Direct-mount gear pump/valve combination for easy installation.
- Large seals and wipers seal out grit and never need adjusting.
- 2500 psi-rated cylinders match up easily with your central hydraulic system.

### MARATHON HOIST SPECIFICATIONS

	M5399	M53117	M63117	M63138	M63153
NTEA Performance Class	70	80	120	120	120
Number of Stages	3	3	3	3	3
Active Stage Sizes (in.)	5, 4, 3	5, 4, 3	6, 5, 4	6, 5, 4	6, 5, 4
Total Stroke (in.)	99	117	117	138	158
Cylinder Rated Pressure (PSI)	2500	2500	2500	2500	2500
Cylinder Style	Inverted	Inverted	Inverted	Inverted	Inverted
Std. Pump GMP @1000 RPM	20	20	20	20	20
Std. Reservoir Type	Outside Frame	Outside Frame	Outside Frame	Outside Frame	Outside Frame
Std. Reservoir Size (gal)	16	23	23	28	28
Recommended Body Length (ft.)	11 - 11.5	12 - 13.5	12 - 13.5	14 - 15.5	16 - 16.5
Floor Height (in.)	8	8	8	8	8
Approximate Weight (lbs)	690	780	820	890	950

Specifications subject to change.

\*Capacities based on water-level load, 12" overhang, 50° dump angle, and includes body weight.

CAUTION: Combined weights of truck, body, hoist, and load must not exceed the truck's Gross Vehicle Weight rating.