

# MOBILE SPEED-LIFT DATA SHEET



The Mobile Speed-Lift (MSL) is a unique self-contained mobile dock-lift, utilizing a robust cantilever-motion design with Automatic Folding Ramps (AFR). Its development has culminated in a product which emphasizes *safety*, *reliability*, *operational efficiency* and *durability* whilst providing the user with mobile material loading and unloading capability wherever the need arises, be it a parking lot, industrial facility, warehouse, agricultural field, etc. The versatility of the MSL is extremely beneficial for providing temporary support in situations such as, for example, disaster areas, construction sites, etc.

The Mobile Speed-Lift's design exceeds the stipulations of ANSI MH29.1 – Safety Requirements for Industrial Scissor Lifts – and utilizes UL/CSA certified components for Critical-To-Quality (CTQ) assemblies. It also conforms to all applicable US Federal Motor Vehicle Safety Standards (FMVSS) in place at the date of manufacture.

## GENERAL SPECIFICATIONS

Model - MDL-6000-B-AFR (-PD) (-HPH)			
Capacity	6,000 Pounds	Lifting Height	Adjustable from 44.5" to 58"
Platform Dimensions	96.5"L x 54"W	Lifting Speed (Typical)	8" per Sec
Overall Length	155"	Ascent Time (Typical)	8-10 Secs
- Excluding Towbar		Descent Time (Typical)	8-10 Secs
- Including Towbar	228"	No. of Hydraulic Cylinders	2
Frame Width	80"	Hydraulic Fluid	Dexron III/Mercon Multi-Purpose ATF
Overall Width	102"	Power Plant	12HP Honda GX390 Gasoline Engine or 10HP Hatz 1B50 Diesel Engine (-PD)
Bridge Length	58"		
AFR Ramp Length	41"	Hitch Configuration	2-5/16" Ball or 3" Pintle Hook/Lunette Ring (-HPH)
Brakes	Electric Self-Adjusting Drum Brakes		
Tires	ST225/75R15 Radial	Gross Weight	5,100 Pounds

## STANDARD FEATURES

- Dual operator controls
- Integral stabilization jacks
- Truck Bumper Protection System
- Pressure relief valve on hydraulic system
- Proportional speed control with feathering capability
- Platform Locking Systems to facilitate maintenance and transportation
- Safety flow limiters on each cylinder for fail-safe platform descent
- Independent axleless suspension reduces roll during cornering

