

# MVL12EX

## Class 1, Division 1, Hazardous Environment



Specifications	MVL12EX
working height	5.83m (18ft 6. in)
platform height	3.83m (12ft. 6. in.)
maximum drive height	3.83m (12ft. 6 in.)
platform capacity	227kg (500lbs.)
platform size (inside)	0.74m x 1.04w (29in. x 41 in.)
weight	776kg (1,710lbs.)
stowed height	1.64m (64.75 in.)
length	2.08 m (82 in.)
width	0.76m (30in.)
drive speed - max.	3.65km/h (2.27mph.)
with platform raised	1.0km/h (0.62mph.)
gradeability	14 degrees (25%)
inside turning radius	0.37m (14.4in.)
ground clearance	76mm (3m.)
lift speed - raise/lower	18 seconds/25 seconds
toe boards	152mm (6in.)
control system	one-hand proportional controller
drive system	dual front hydraulic motors
tires	305mm (12in.) dia. solid rubber, non-marking
power source	24V 4hp DC electric motor 4-220 Ah batteries

### STANDARD EQUIPMENT:

- Only 0.76 m (30 in.) wide and 2.08 m (82 in) long
- Proportional control
- Drive while elevated
- 24V DC 4hp electric motor provides clean, pollution-free power for indoor use
- Descent and tilt alarms
- High amp hour rating give long usage between charges
- 25 amp charger for easy overnight re-charging
- Emergency lowering at chassis controls
- Non-marking, solid rubber tires
- Crane lift points
- Selectable motion alarm
- 1 year parts/service
- 5 year structural warranty
- Designed in Accordance to NFPA 70 Class I, Division 1 Group D for Hazardous Environments



5707 S. Pennsylvania Avenue  
Cudahy, WI 53110  
Phone: 414-486-1760  
Fax: 414-486-1763  
[www.manliftengineering.com](http://www.manliftengineering.com)  
[sales@manliftengineering.com](mailto:sales@manliftengineering.com)