



Product Information / Specifications



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PowerMate® Model L-1

- Fully Automatic Braking System
- Override Clutch
- Safety Grip Handle
- 100% Extruded Aluminum Construction
- Machine 24"W x 16½"D x 60" High
- Machine Weight 100 LBS / 45 KG
- Heavy Duty Control Switches
- Multi-Position Strapbar 24" Length
- Bar and Plate Felt - Protects Loads
- Heavy Duty Reinforced Straps 10 ft. Length
- Quick Release Safety Locking Cam
- Super Efficient Drive Screw
- .65 Kilowatt High Efficiency DC Motor
- Sealed Battery 12V 20AMP
- Maintenance Free and Rechargeable
- Puncture Proof Wheels 8" Diameter
- Extruded Aluminum Toeplate 24"W
- Solid Steel Axle 5/8" Diameter
- Anti-Skid Protector On Heel Of Machine
- Lifting Height 40" (101.6 cm)
- Machine Capacity 650 lbs.

STANDARD EQUIPMENT

Model L-1 comes complete with one strapbar, one battery and one battery charger.

ACCESSORIES

Available .. Extra Strapbar, Stove Handler Attachment, Hot Water Tank Attachment, and Charging Cord

LOADING SPECIFICATIONS

	One person	Two people
Flat Surface Moving	450# (204 kg.)	650# (295 kg.)
Stair Climbing	450# (204 kg.)	650# (295 kg.)
Tailgate Lifting	350# (159 kg.)	650# (295 kg.)

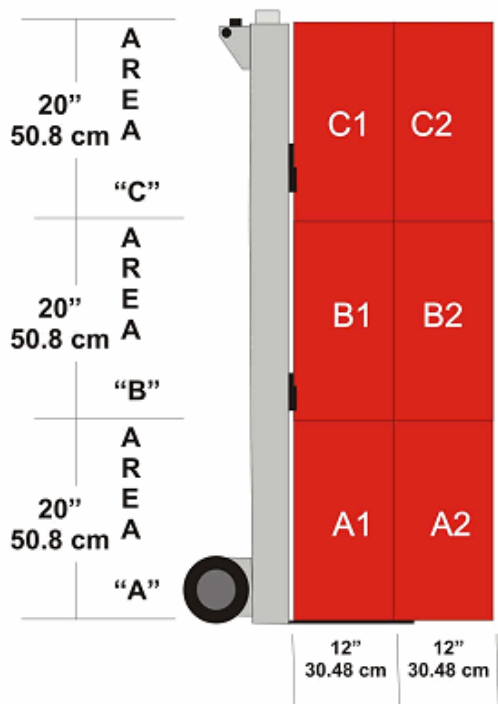
Above weights are based on qualified operators moving loads that have the weight evenly distributed all along the frame.

Load Area Drawing

Loading Recommendation Instructions

Steps for matching loads to **PowerMate®** models and the number of trained qualified operators required to move the loads.

1. Determine the weight of the load to be moved.
2. Determine where the weight is concentrated in the load.
(i.e. The centre of gravity of the load)
3. Using the load area drawing, determine in which area (A-1 - through - C2) the centre of gravity is located.
4. Refer to the safe loading recommendation chart to determine
 - a. whether the load can be moved safely on flat surfaces, on stairs, on and off vehicles and on and off loading docks to low bed vehicles.



b. the number of operators required to safely move the load.

Safe Loading Weight Recommendations In Pounds

Area
Operators Required

L-1
Flat surface moving
Stair climbing
Vehicle and dock loading

A 1		A 2		B 1		B 2		C 1		C 2	
1	2	1	2	1	2	1	2	1	2	1	2
450	650	350	500	400	650	400	650	350	650	350	650
300	650	200	400	450	650	300	650	400	650	350	650
300	500	200	350	350	500	250	450	350	500	200	450

Safe Loading Weight Recommendations In Kilograms

Area
Operators Required

L-1
Flat surface moving
Stair climbing
Vehicle and dock loading

A 1		A 2		B 1		B 2		C 1		C 2	
1	2	1	2	1	2	1	2	1	2	1	2
204	295	159	227	182	295	185	295	159	295	159	295
136	295	91	182	204	295	136	295	182	295	159	295
136	227	91	159	159	227	113	204	159	227	91	204

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