

DON'T DIE WISHING YOU HAD USED A MATHAND LADDER LIFT

MatHand Solar Panel Ladder Style Lifts

The **MatHand 150 Solar Panel Ladder Style Lift** is the ideal choice for solar technology industries to safely lift solar panels & hot water systems. It is a sophisticated lifting system with versatile load-bearing ladder style lifting rails and a special platform fixed to the load carriage that ensures safe transportation of the panels onto the roof. Rubber rests protect panels from being damaged while the clamping device fastens them safely to the platform. **MatHand Ladder Style Lifts** are European designed, safe, top quality, with first class components. They are an extremely lightweight, safe and versatile lifting solution to meet virtually all demands on any building site. **MatHand 150 Solar** has a 150kg capacity, easy to maintain and easy to fit drive unit with a 1.1kW motor. The power supply is 240volt single phase with safe 24volt control pendant and 5metres of cable. All electric cables are plug-in joints. The assembly is extremely easy & the low weight makes positioning possible without any difficulties. The ladder rails are joined, the frontal positioned drive unit snap locks onto the base rail & the load carriage is fitted. The versatile load carrying platform can then be easily fixed to the carriage, by latch locks. Safety plays an extremely important factor whilst using the compact **MatHand Ladder Style Lifts**. All carriages are equipped with a parachute device as standard feature in order to avoid a crash of the load in the unlikely event that a cable should break & large foot plates ensure safe standing support of all **MatHand Ladder Style Lifts**. Units can be used either to be inclined against a building or inclined onto a roof.

The standard 12metre MatHand Solar Ladder Lifter consists of:

- 1 x 2.0m foot section, 4 x 2.0m extensions, 1 x 1.0m extension
- 1 x Bend section-0.6m long, adjustable 20-45 degrees with hardened steel pulleys
- 1 x 0.3m head section with hardened steel pulleys
- 1 x Drive unit with 44metres of wire, for heights up to 20.3metres & with 22metres of limit switch cable.
- 1 x Standard carriage **L02201**
- 1 x Solar platform (600W x 350D x 850Hmm) **L20232** with rubber protection buffers

If units are required higher than the standard 12m versions, order additional 1 or 2m extensions.

Bend section - Adjustable from 20°-45°. Heavy duty hardened steel pulleys for long life of rope.

Solar platform - Safely and securely lifts solar panels.

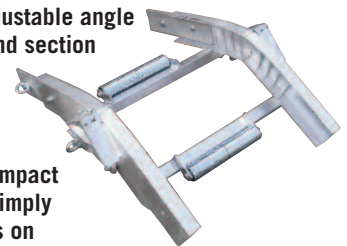


Drive unit - Hoisting speed 25m/min, suitable for standard and tilting carriage, maximum payload 150kg.

Standard carriage - For use when there is no need to tilt for unloading. A broken rope device prevents the carriage from falling in the event of a rope failure.



Adjustable angle bend section



The compact drive simply latches on

Tilting carriage - Can be tilted at top and bottom.

Load carrying platform is easily attached to the standard or tilting carriage.

Rail sections - 2m long, weighing 10kg only. Maximum rail length 20.30m.



Hand control with push buttons UP / DOWN / EMERGENCY STOP on 5m long cable.

Drive unit - Hoisting speed 34m/min, suitable for standard and tilting carriage, maximum payload 250kg.

Rail support - Extendable from 2-5.5m, a second support is necessary for rail length exceeding 16m.



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Mathand 150 Solar inclined to building without bend section (compulsory safety rails have been removed for this promotional image)



Standard solar platform - with solar panel. Note the compact drive.

An optional module fitting platform **SMV150** ensures safe transportation of panels when on the roof. This device can easily be moved by smooth running rollers & is conveniently hooked in the existing aluminium rails of the solar panels, so no additional assembly work is necessary.

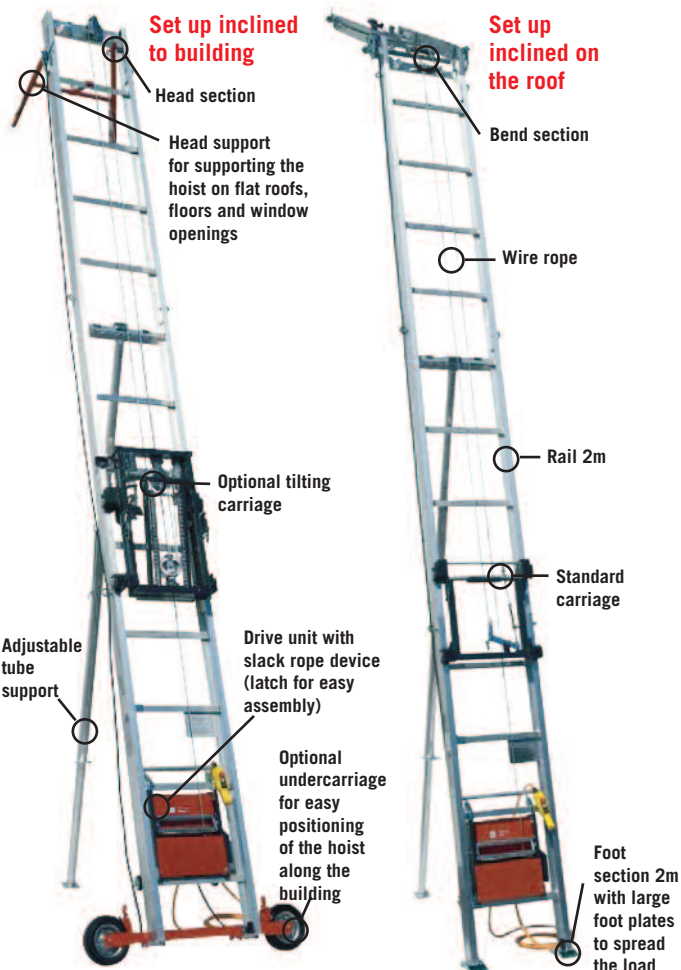


Adjustable solar platform



Standard solar platform 600 x 850 x 350mm

SMV150 Solar panel transport trolley with a solar panel (compulsory safety rails have been removed for this promotional image)



Mathand Ladder Style Lifts for the Construction Industry

Other variations of this hoist are also available in 150 & 250kg capacities for the Building & Construction Industries. There is a large offering of platforms and buckets to safely lift building materials up to scaffold platforms windows & roofs.



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