

# DON'T DIE WISHING YOU HAD USED A MATHAND LADDER LIFTER

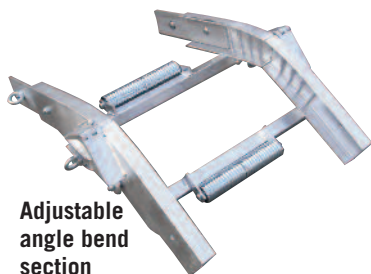
## MatHand Ladder Style Lifts for the Building & Construction Industries

**MatHand Ladder Style Lifts** are the ideal choice for various safe lifting functions in the building, construction, roofing & solar technology industries. They are sophisticated lifting systems with versatile load-bearing ladder style lifting rails. Various platforms can be fixed to the load carriage ensuring safe transportation of building products to scaffolding platforms, windows & roofs.

**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 or construction site. They are available in three models with easy to maintain and fit drive units. There is a 150kg capacity unit with a 1.1kW motor & a 250kg capacity unit with a 1.3kW motor. There is also a two speed (20 & 40m/min) 230kg capacity model available to special order. The power supply is 240volt single phase with safe 24volt control pendant and 5metres of cable. All electric cables are plug-in. 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. Any of the many versatile load carrying platforms or buckets can then be easily fixed, to the carriage, or exchanged 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 inclined against a building or inclined onto a roof.



The compact drive simply latches on



Adjustable angle bend section

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

**Uni platform** - Used for the transport of roof tiles.



**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.

Model Code	MatHand 150 #L20233	MatHand 250 L20226	MatHand 230 L20227
Capacity	150kg	250kg	230kg
Lifting speed	25m/min	34m/min	20/40m/min
*Standard lifting height	12.0m	12.0m	12.0m
Weight of drive unit	47kg	52 kg	54kg

# The ordering code for the MatHand 150 Solar Ladder Lifter is **L20238**

\* Maximum lift height available is 20.30metres with additional 1 or 2metre extensions.

The two speed **L20227**-230kg capacity unit is available to special order.

**Tilting carriage with tilting bucket** for loose material. Can be tilted at top and bottom.

**Load carrying of devices** are all easily attached to the standard or tilting carriage.

**Rail sections** - 2m long, weighing 10kg only. Maxium 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.



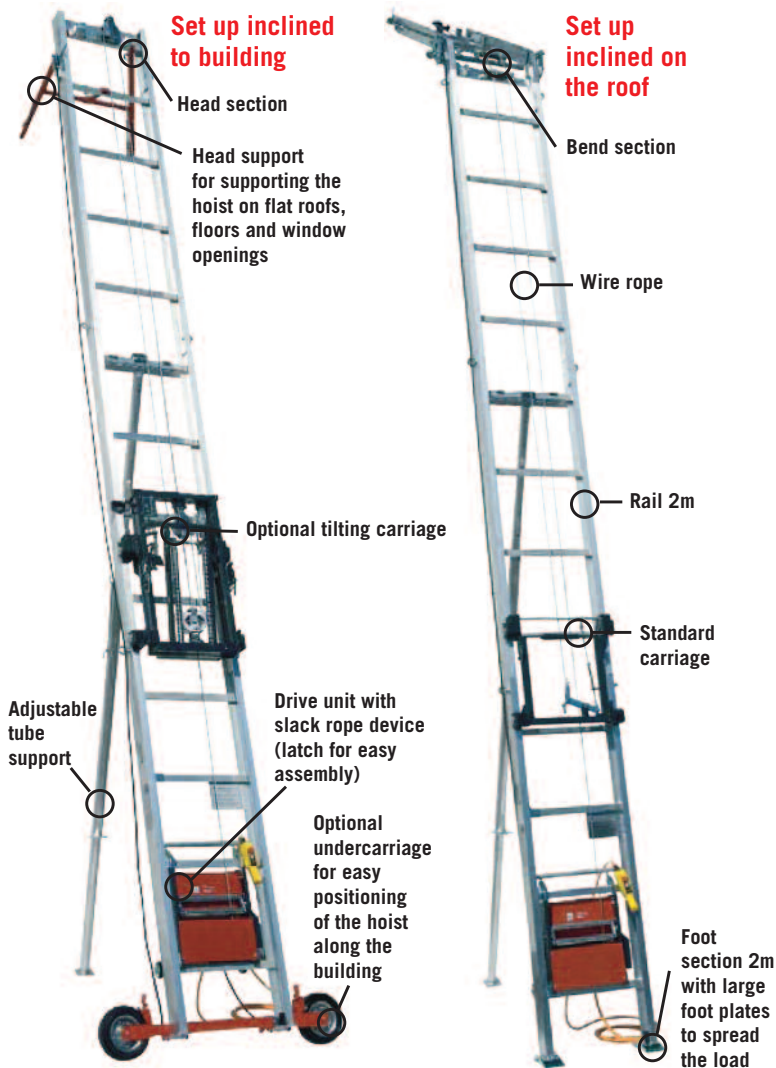
**MATERIALS**  
**Handling** Working with ease...  
PTY LTD

MHC

Our website: [www.materialshandling.com.au](http://www.materialshandling.com.au)

Phone us: 1300 65 00 35 Fax us: 1800 68 68 96

Email us: [result@materialshandling.com.au](mailto:result@materialshandling.com.au)



## The standard 12metre Construction & Roofing Ladder Lifter consist 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 Universal standard platform **L02242** (600W x 350D x 850Hmm) with safety guarding

If a tilting carriage is required, the standard **L02201** carriage is removed & a tilting, **L02268**, carriage needs to be added. If units are required higher than the standard 12m versions, order additional 1 or 2m extensions.

## MatHand Ladder Style Lifts for Solar Technology Industry

A variation of this hoist is available in 150kg capacity for the Solar Technology Industry to safely lift solar panels & hot water systems onto roofs. The MatHand 150 Solar Ladder Lifter (**L20238**) includes all the components of the 12 metre Construction & Roofing Ladder Lifter but the universal platform is replaced with a **L20232** standard solar platform.



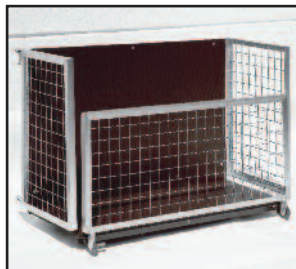
## Ladder Lift Platforms



Universal standard platform 600 x 850 x 350mm



Universal comfort platform 700 x 700 x 440mm



Universal long platform 1100 x 700 x 440mm



Adjustable platform with side flaps 600 x 850 x 350mm



Combined 80litre tipping & dump bucket for tipper carriage



Adjustable sheet platform 900-1550 x 2200 x 150mm