

TOUGHLIFT®



MATERIAL LIFTS
ML-10/ML-15/ML-20/ML-25

CE UK
CA

KEY FEATURES

The innovative new range of ToughLift® Material Lifts include the following features as standard:

- ❑ Heavy-duty construction.
- ❑ Quick and simple setup; no tools required.
- ❑ Portable compact design for easy transport and storage.
- ❑ Anodised lightweight aluminium telescoping mast:
 - ♦ Corrosion resistant, as the anodic film is totally impermeable.
 - ♦ Abrasion resistant.
 - ♦ Anodised aluminium components are 100% recyclable.
- ❑ Unique inner lifting column locking mechanism offering the following benefits:
 - ♦ The lifting columns always raise in sequence working from the front to the back of the mast.
 - ♦ When the machines are laid horizontally for transport or maintenance and the carriage lock has not been deployed, the inner lifting columns cannot slide out of the stowed position.
- ❑ Mast safety braking system holds the carriage and lifting column(s) in position if the cable becomes loose or breaks.
- ❑ Extra wide aluminium first pulley wheel improves the laying of the cable on the winch drum.
- ❑ Heavy-duty castors with non-marking tyres.
- ❑ Braked swivel castors with foot-operated brake on the side and bolted foot operated straight-line lock to aid loading for transport or moving in a straight line on site.
- ❑ Long loading wheels/handles shaft so that the mast is horizontal when the machine is laid back for transport.
- ❑ Loading wheels with sealed bearings rotate with ease.
- ❑ Transport wheels with sealed bearings.
- ❑ Tube welded through the Standard Forks and Boom to prevent the drop nose pin jamming when fitting to the carriage.
- ❑ E-coated and then powder coated steel fabrications fitted with silicone rubber end caps.
- ❑ Colour coded decals use 3M high adhesive strength outdoor rated film and inks, and can be jet washed clean on a moderate pressure.
- ❑ Manufacturers plates with serial numbers riveted to the chassis of the machine and fitted to the load handling attachments to aid traceability for LOLER thorough examinations (UK only, regulations in other countries vary).
- ❑ Stainless-steel roller guards.
- ❑ Stainless-steel retaining pins.
- ❑ Robust pull rings on front legs and handles/loading wheels retaining pins.
- ❑ Bushed joints across the machine.
- ❑ Easy to wind dual handled manual winch with brake to hold the load in place.
- ❑ Winch handles with ergonomic grip design.
- ❑ Standard Forks can be fitted up or down in the carriage on the mast.
- ❑ All machines and load handling attachments are supplied with both EU and in the UK, UKCA Declarations of Conformity.



Hard wearing aluminium mast pulley wheels.



Cable guard with operational and safety decal.



Carriage lock operates in all machine configurations.



Hoisting and winching anchor.



Robust waterproof document holder.



Spirit level to aid the operator to level the chassis.

SPECIFICATION & PERFORMANCE

MODELS				
	ML-10	ML-15	ML-20	ML-25
LOAD CAPACITY, WEIGHT, & OPERATING ANGLE				
Load capacity	Please refer to the table below for the load capacities at different load centres.			
Machine weight ⁽¹⁾	129kg	153kg	190kg	214kg
Maximum allowable chassis inclination	0°	0°	0°	0°
DIMENSIONS				
Working Heights				
With Standard Forks down	2.97m	4.46m	5.94m	7.42m
With Standard Forks up	3.49m	4.98m	6.46m	7.94m
With Load Platform forks down ⁽²⁾	2.97m	4.46m	5.94m	7.42m
With Load Platform forks up ⁽²⁾	3.49m	4.98m	6.46m	7.94m
With Boom ⁽³⁾	3.28m	4.76m	6.25m	7.42m
Other Dimensions				
Width with stabilisers deployed	N/A	N/A	1.84m	1.84m
Length with front legs deployed	1.51m	1.88m	2.06m	2.06m
Stowed width	0.81m	0.81m	0.81m	0.81m
Stowed length	0.76m	0.76m	0.76m	0.81m
Stowed height	2.02m	2.02m	2.02m	2.02m
Ground clearance	52mm	52mm	52mm	52mm
AVERAGE TURNS OF WINCH PER METRE				
Carriage moving	42/m	42/m	42/m	42/m
Mast moving	19/m	19/m	19/m	19/m
NOISE EMISSIONS	<70dBA			

- (1) - Excluding load handling attachments.
- (2) - With Standard Forks only.
- (3) - Measurement from the ground to the bottom of the lifting shackle.

LOAD CAPACITIES

LOAD CENTRE							
MODEL	46cm	51cm	56cm	61cm	66cm	71cm	76cm
ML-10	454kg	454kg	454kg	454kg	414kg	374kg	335kg
ML-15	363kg	363kg	363kg	363kg	346kg	329kg	312kg
ML-20	363kg	332kg	303kg	272kg	255kg	238kg	221kg
ML-25	295kg	264kg	235kg	204kg	193kg	181kg	170kg
LOAD CENTRE							
MODEL	81cm	86cm	91cm	97cm	102cm	107cm	
ML-10	295kg	272kg	249kg	227kg	204kg	181kg	
ML-15	295kg	281kg	268kg	254kg	240kg	227kg	
ML-20	204kg	195kg	186kg	177kg	168kg	159kg	
ML-25	159kg	150kg	141kg	132kg	122kg	113kg	

ACCESSORIES

LOAD PLATFORM



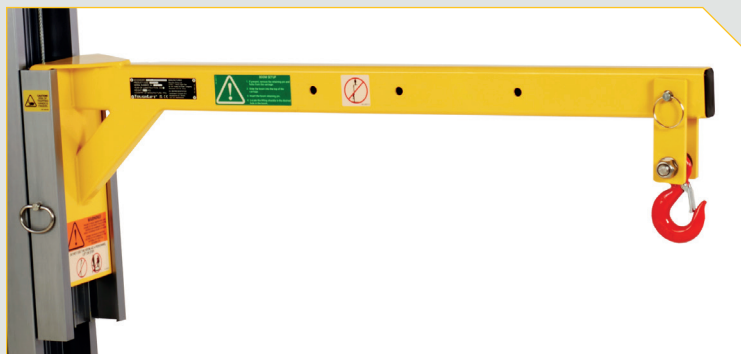
PIPE CRADLE



EXTENSION FORKS



BOOM



ROUGH TERRAIN WHEEL KIT



ACCESSORY DIMENSIONS & WEIGHTS

	Length	Width	Depth	Weight
Standard Forks ⁽¹⁾	69.3cm	58.4cm	6.45cm	18kg
Pipe Cradle	57.5cm (each)	6.9cm (each)	14.5cm (each)	4kg (set)
Load Platform ⁽¹⁾	70cm	58.5cm	8.5cm	15kg
Extension Forks ⁽²⁾	76.2cm (each)	5cm (each)	7.5cm (each)	4kg (set)
Boom ⁽¹⁾	115.8cm	18cm	37.2cm	18kg
Rough Terrain Wheel Kit	54.8cm	73cm	24.6cm	8.3kg
Stabilisers	86.6cm (each)	5.1cm (each)	58cm (each)	6.3kg (each)

(1) - Length is measured from the front of the carriage to the end of the load handling attachment.

(2) - Adds 16.1cm, 39.9cm, or 63.1cm to the length of the Standard Forks.

For further information and support, please contact the manufacturer:

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