Meclift™ ML1612R/ML1812R

MEC LIFT

ML1612R
ML1812R

Variable Reach Truck

Manufacturer	Oy Meclift Ltd, Finland
Type	ML1812R [ML1612R]
Standard colors	Orange *(RAL2004)* and Blue *(RAL5002)*
Lifting properties	
Lifting capacity	18 000 kg [16 000kg]
Load center	1 200 mm
Lifting height	6 000 mm
Reach	2 500 mm
Lifting speed	Depends on boom position
Dimensions	
Length *(without attachments)*	5 470 mm
Width	2 160 mm
Height *(min)*	2 265 mm
Wheelbase	3 950 mm
Ground clearance	150 mm
Weight *(without attachments)*	21 300 kg [20 800 kg]
Turning radius	5 250 mm
Standard forks	W x H x L 200x100x1 800
Technical specifications	
Power source	Diesel engine
Manufacturer	Cummins
Model	QSB6,7 Stage III/Tier 3 or Stage IV/Tier 4F
Power rating	ISO 2534 149@1900 kW@rpm
Peak torque	929@1500Nm@rpm
Transmission	3 speed automatic
Manufacturer	ZF
Model	Powershift ZF WG171
Driving speed	28 km/h

Drive axle	
Manufacturer	Kessler
Model	D81
Service brake	Hydraulic wet disc
Parking brake	Spring powered disc
Tyres	
Front	4x12.00-20
Rear	2x12.00-20

Options
- Lifting attachments, i.e. Coil Ram, Coil Clamps, Lifting Beams and Double Forks
- Other options available on request



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The manufacturer reserves the right to make changes in technical spesifications as a result of product development
Our products are protected by several worldwide patents.
Meclift 2018



Meclift.fi

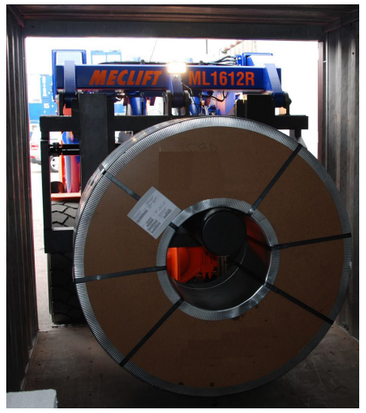
Meclift™ ML1612R/ML1812R

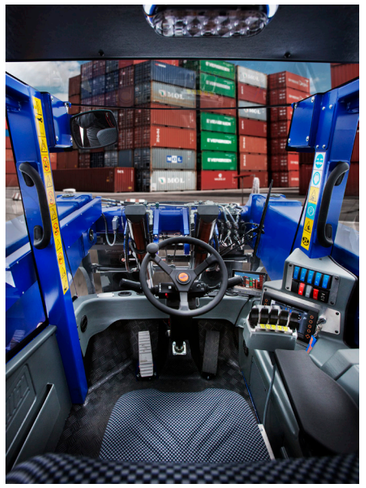
Variable Reach Truck

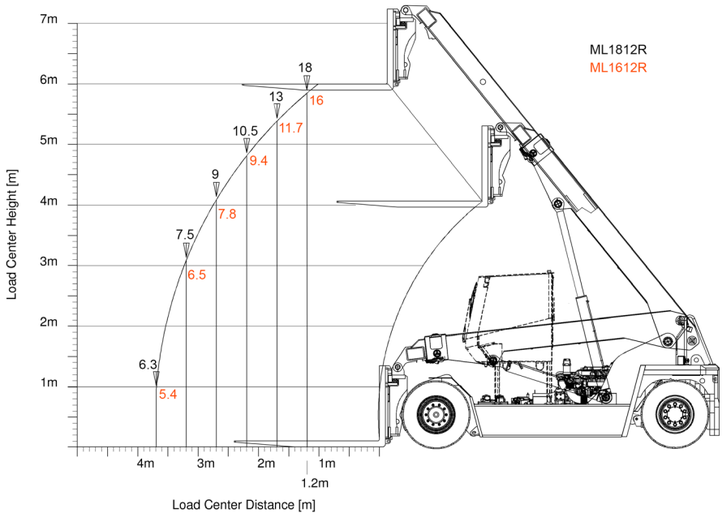
Meclift™ ML1612R/ML1812R is a unique multipurpose machine. It is the only machine in the lifting capacity range of 16-18 tons, which can be operated inside containers.



It moves swiftly in confined spaces, such as warehouses and cargo vessels. In addition to heavy cargo lifting, ML1612R is perfect for practically any other material handling needs. Different kinds of Meclift attachments increase opportunities for using one machine for multiple purposes. It lifts 20-feet containers from fork pockets and stacks them up to 3-high. A hydraulically movable cabin ensures excellent visibility even when handling bulky objects. ML1612R is an environmentally friendly solution. Less work machinery on your yard means less fuel consumed. It also means more open space and better visibility, resulting in improved safety and less damage to your cargo. ML1612R is easy to transport in a 20-feet container or on a swap body vehicle. It is designed to operate reliably in demanding conditions. Supported by worldwide-known components and easily accessible spare parts, ML1612R is a secure choice.









"We use two Meclift ML1612R machines for loading and unloading steel coils into and out of containers in our port. These machines are very unique in design. Thanks to their low height and good reaching ability we are able to use them in other jobs as well. Sometimes we wonder how some of these jobs could be done without the Meclift trucks."

Mr. Kazim Keskin
Port Operation Manager
Borusan Lojistik
Gemlik, Turkey

"ML1812R is a thought-out concept, which features high-design-technology. Meclift is always looking for improvements. In addition to good service they are always interested in knowing how our Meclift equipment is working."

Mr. René Kunst
Logistiek & Transport
Vehicle management
Tata Steel, The Netherlands

"It makes specialized operations just so simple now"

Cezary Osipuk
DCT Gdansk S.A.



Meclift handles your cargo with safety

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