



# Meclift ML1612R

# ML1612R



<b>Manufacturer</b>	Oy Meclift Ltd, Finland
Type	ML1612R
Standard colors	Orange (RAL2004) and Blue (RAL5002)
<b>Lifting properties</b>	
Lifting capacity	16,000 kg
Load center	1,200 mm
Lifting height	6,000 mm
Reach	2,500 mm
Lifting speed	0.3 m/s
<b>Dimensions</b>	
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)	20,000 kg
Turning radius	5,250 mm
Standard forks WxHxL	200x100x1,800 or 200x100x2,400 mm
<b>Technical specifications</b>	
Power source	Diesel engine
Manufacturer	Cummins
Model	QSB 6,7
Power rating ISO 2534	153@1900 kW@rpm
Peak torque	930@1500 Nm@rpm
Transmission	3 speed automatic
Manufacturer	ZF
Model	Powershift ZF WG171
Driving speed	28 km/h
<b>Drive axle</b>	
Manufacturer	Kessler
Model	D81
Service brake	Hydraulic wet disc
Parking brake	Spring powered disc
<b>Tyres</b>	
Front	4x12.00-20
Rear	2x12.00-20
<b>Specialities</b>	

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 www.meclift.fi  
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- Vertically movable cabin
- Air conditioning and heating
- Lifting attachments and other options available on request



## Variable Reach Truck

# Meclift ML1612R

## Variable Reach Truck

ML1612R is an unique multipurpose machine. It is the only machine in the lifting capacity range of 16 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. Superior reaching ability makes ML1612R unique in its class. It lifts 20-foot 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-foot 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.

*"ML1612R 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

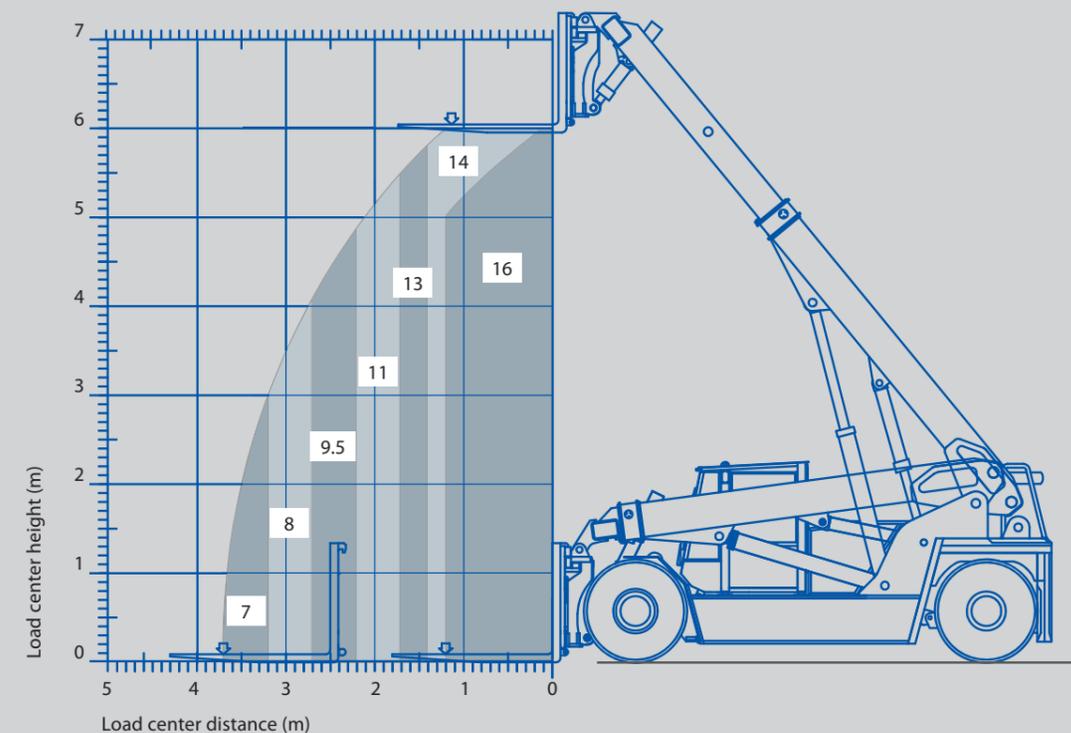
*"We use two Meclift ML1612R machines for loading and unloading steel coils into and out of containers in our port. These machines are very unique in design. Thanks to their low height and good reaching ability we are able to use them in other jobs as well. Sometimes we wonder how some of these jobs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

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



# ML1612R

Lifting capacity diagram ML1612R



*"Meclift handles your cargo with safety."*