

MEC **LIFT**

ML1812R

Variable Reach Truck





Variable Reach Truck

Meclift™ ML1812R is a unique multipurpose machine. It is the only machine in the lifting capacity range of 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, ML1812R 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-foot containers from fork pockets and stacks them up to 3-high. A hydraulically movable cabin ensures excellent visibility even when handling bulky objects. ML1812R is an environmentally friendly

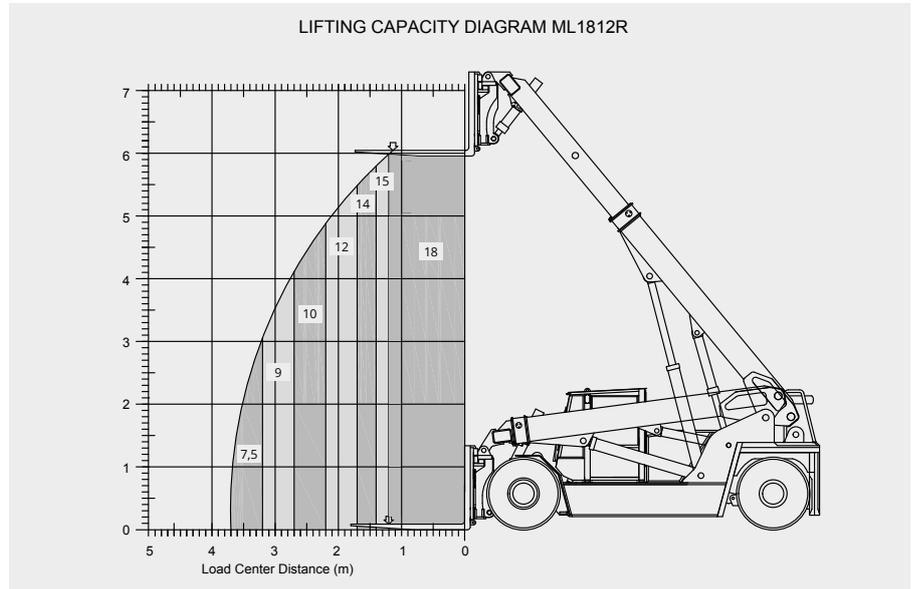
solution. Less work machinery on your yard means less fuel consumed. It also means more open space and better visibility, resulting in improved safety and less damage to your cargo. ML1812R is easy to transport in a 20-foot container or on a swap body vehicle. It is designed to operate reliably in demanding conditions. Supported by worldwide-known components and easily accessible spare parts, ML1812R is a secure choice.



Meclift handles your cargo with safety



Meclift™ ML1812R



"We use two Meclift ML1812R 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™ ML1812R

Manufacturer	
Oy Meclift Ltd, Finland	
Type	ML1812R
Standard colors	Orange (RAL2004) and Blue (RAL5002)
Lifting properties	
Lifting capacity	18,000 kg
Load center	1,200 mm
Lifting height	6,000 mm
Reach	2,500 mm
Lifting speed	0.3 m/s
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)	20,000 kg
Turning radius	5,250 mm
Standard forks	W x H x L 200x100x1,800 or 200x100x2,400 mm
Technical specifications	
Power source	Diesel engine
Manufacturer	Cummins
Model	QSB6,7 Stage III/Tier 3 or Stage IV/Tier 4
Power rating	ISO 2534 153@1900 kW@rpm
Peak torque	930@1500Nm@rpm
Transmission	3 speed automatic
Manufacturer	ZF
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	

The logo for MECLIFT, with 'MEC' in blue and 'LIFT' in orange, both in a bold, sans-serif font.The text 'Variable Reach Truck' in a blue, sans-serif font. To the right of the text, the black metal forks of a truck are visible, extending from the right edge of the frame.