

Meclift™ ML1612R/ML1812R



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 | |



MEC LIFT
Variable Reach Truck



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



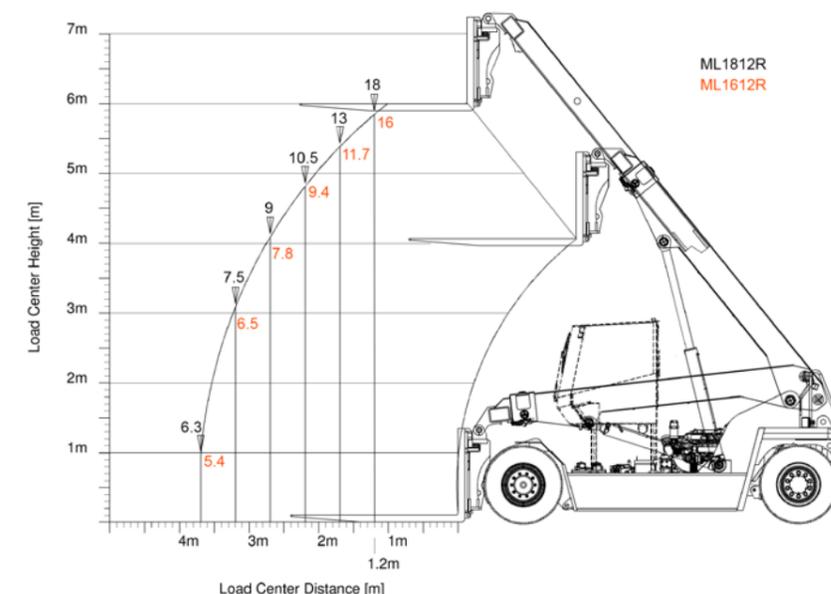
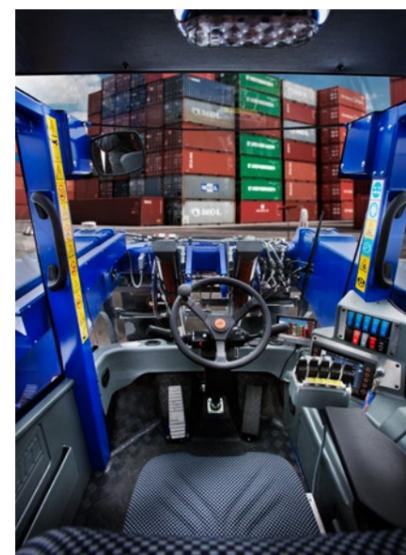
Meclift.fi

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-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.



"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