

MHL385



Equipment and performance data at a glance

Service weight ▶ 75 tonnes

Engine ▶ COM III and EPA Tier 3 (273 kW at 1800 rpm) complies with European emissions standards. Average fuel consumption is 24l/h.

Cab ▶ The cab has been brought forward by 1 m and raised by 0.8 m to bring the operator closer to the ship. The operator cab features stepless hydraulic elevation and reinforced glass for optimum protection. The **operator's eye level is 7.5 m above ground**.

Undercarriage ▶ The **3.90 m wide**, solid undercarriage handles extremely heavy loads, both with and without supports, particularly within close range. Thanks to the **especially large stabiliser plates**, the MHL385 distributes the weight evenly on the quayside.

Support ▶ In response to the customer's request, the **support** was **shortened to 400 mm** to allow the MHL385 to fit through an underpass on its way to the quayside.

Projection ▶ Cranked boom with a reach of 22 m.

Operating radius ▶ Enormous **operating radius of up to 44 m**.

Attachments ▶ **Multifunctional** with spreader, grab or cage.

Material handling volume ▶ Pallets: up to 400 t/h

Cycle times ▶ 40 seconds for a full pallet with a weight of 7 to 9 t.

Operational safety ▶ High level of safety when mounting/dismounting and when accessing the maintenance platform. All access ladders meet the latest engineering standards. Each access ladder is individually checked on the machine by **BG-Bau** [German statutory accident insurance association for the construction industry].

Machine options ▶ Supports **can be extended to 1.4 m**. Machine **also available with electric drive**. Boom can extend to 23 m. Sliding doors for the cab. Optionally with crawler undercarriage.

Standard superstructure meets enlarged undercarriage.

The Terex Fuchs MHL385 is a customer-specific combination of the MHL380 superstructure and an **extended 3.90 m undercarriage**. It has excellent stability even when not supported. Despite its weight, the MHL385 is extremely agile and can load/unload up to 400 t of palletised goods per hour. The specially shortened 400 mm support allows the machine to fit through an underpass on the site.

Customer's conclusion:

"When unloading ships, we have to shift all sorts of goods – bulk bags, pallets, etc. With the MHL385, we're fully equipped for such multifunctional deployment, thanks to the use of different attachments. For the undercarriage, Terex Fuchs suggested a special solution with extra large stabiliser plates and a broader than usual undercarriage. This proved an excellent choice: The weight is distributed very evenly, giving the machine a stable footing and enabling it to handle heavy loads quickly. The MHL385 has an outstanding load bearing capacity, especially for close range material handling."

Sagro, ZG 's-Heerenhoek (Netherlands)

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