TECHNICAL DATA
**PRELIMINARY BROCHURE**

MATERIAL HANDLER | F-SERIES

# MHL340


**173** hp

up to **70,107** lbs

up to **44'11"**

FUCHS
A TEREX BRAND

# TECHNICAL DATA

## OPERATING WEIGHT WITHOUT ATTACHMENTS

| | |
|---|---|
| **MHL340 F** | 28.5 t–32.3 t |
| **MHL340 F FQC** | 28.5 t–34.6 t |

## DIESEL ENGINE

| | |
|---|---|
| **Manufacturer and model** | Deutz 6.1 L6 |
| **Configuration** | 6-cylinder inline |
| **Engine management system** | EMR IV |
| **Type** | 4-stroke diesel, common rail direct injection, turbocharger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration |
| **Engine output power** | 129 kW |
| **Nominal speed** | 2000 $min^{-1}$ |
| **Displacement** | 6.1 l |
| **Cooling system** | Combi-cooler (coolant/ charge air) with fan speed control system; optional reversing function |
| **Emission standard** | Kat. IV/EPA Tier 4 final |
| **Air filter design** | Two-stage filter with safety cartridge and pre-separator with discharge valve |
| **Fuel tank** | 380 l (for at least two working shifts) |
| **DEF tank** | 32 l Ad Blue |

## ELECTRICAL SYSTEM

| | |
|---|---|
| **Generator** | 28 V / 100 A |
| **Operating voltage** | 24 V |
| **Battery** | 2 × 12 V / 110 Ah / 750 A (in accordance with EN standards) |
| **Lighting set** | 2 × LED headlamps, turn indicators and tail lights |
| **Optional equipment** | 13 kW or 17 kW generator with controls and insulation monitoring, driven by V-belt direct from diesel engine |

## TRAVEL DRIVE

Hydrostatic travel drive via infinitely variable axial piston motor with directly mounted travel brake valve, two-speed manual gearshift, 4-wheel drive

| | |
|---|---|
| **Maximum speed, 1st gear** | 5 km/h |
| **Maximum speed, 2nd gear** | 18 km/h |
| **Gradeability** | max. 40 % |
| **Turning radius** | 8.2 m |

## SWING DRIVE

| | |
|---|---|
| **Swing gear** | Double row, internally geared ball-race slewing ring |
| **Drive** | 2-stage planetary gear with integrated multi-disc brake |
| **Upper carriage swing speed** | Infinitely variable from 0–7,5 rpm |
| **Swing brake** | Electrically operated |
| **Max. swing torque** | 66 kNm |

## UNDERCARRIAGE

| | |
|---|---|
| **Front axle** | Rigid axle with integral drum brake, planetary drive, max. steering angle: 27° |
| **Rear axle** | Oscillating axle with integral drum brake and selectable oscillation lock, planetary drive |
| **Support** | 4-point stabilizer system |
| **Tires** | Solid rubber, 8-ply 10.00–20 for MHL340F, 12.00–20 for MHL340F FQC |

## BRAKE SYSTEM

| | |
|---|---|
| **Service brake** | Hydraulic single-circuit braking system acting on all four wheel pairs |
| **Parking brake** | Electrically operated disc brake on travel gearbox, acting on both front and rear axles |

## HYDRAULIC SYSTEM

LINDE mobile hydraulic system with load limit control and fuelsaving power demand control. Separate hydraulic oil cooler, temperature-controlled fan speed, with optional reversing function

| | |
|---|---|
| **Hydraulic oil filter** | Integral return filter in oil tank for work hydraulics, with 3000 operating hrs service interval; oil filtration on all auxiliary circuits |
| **Max. pump flow** | 2 × 330 l/min |
| **Max. pressure** | 320 / 360 bar |
| **Hydraulic oil tank** | 350 l usable tank capacity |

## OPERATOR CAB

| | |
|---|---|
| **Cab** | Infinitely variable hydraulic height-adjustment with eye level up to 5.60 m above ground. Flexibly mounted.<br>Sound-insulated; heat-insulating glass panoramic windows for optimum all-around view; windshield with pull-down sunblind that slides under the cab roof; viewing window on cab roof; sliding window in cab door, sliding door. |
| **Air-conditioning** | Automatic air-conditioning. Infinitely variable heating with 8-speed fan, 10 adjustable air nozzles, 3 defroster nozzles (hot water system). |
| **Operator's seat** | Air-cushioned high-comfort seat with integrated headrest, safety belt and lumbar support, seat heating with integrated a/c function optional. Seat position, seat inclination, seat cushion multi-adjustable relative to position of armrests and pilot control units, allowing comfortable operation. |
| **Monitoring** | Ergonomic layout; glare-free instrumentation. Multifunction display, automatic monitoring and recording of abnormal operating conditions (including all hydraulic oil filters, hydraulic oil temperature (cold / hot) – coolant temperature and charge air temperature – condition of cooling system, diesel particulate filter load), visual and audible warning indication with shutdown of pilot control/ engine power reduction. Diagnosis of individual sensors available via the multi-function display. Rear view camera and side view camera. |
| **Sound levels** | LW(A) = 101 dB(A) (guaranteed) in accordance with directive 2000/14 EC; max allowable under 2000/14 EC = 104 dB(A) |

## OFFICIAL APPROVALS

Certified in accordance with CE regulations

# EQUIPMENT

## ENGINE

| | Standard | Option |
|---|---|---|
| Charge air cooling | ● | |
| Direct electronic fuel injection/common rail | ● | |
| Automatic idle | ● | |
| Engine preheating | | ● |
| Engine diagnostics interface | ● | |
| System-controlled fan drive with fan speed monitoring | ● | |

## UNDERCARRIAGE

| | Standard | Option |
|---|---|---|
| All-wheel drive with differential | ● | |
| Drum brakes | ● | |
| Rear axle oscillating lock | ● | |
| 2-speed powershift transmission | | ● |
| 4-point stabilizers | ● | |
| Stabilizer cylinders with integrated two-way check valves | ● | |
| Piston rod protection on stabilizer cylinders | ● | |
| Stabilizer plates 1'8" × 2'2" | ● | |
| 4-point stabilizers, individually controllable | | ● |
| Tool box | ● | |
| Special paint (customer paint work) | | ● |

## UPPERCARRIAGE

| | Standard | Option |
|---|---|---|
| Separate cooling systems (combi-cooler for engine and hydraulic oil cooler) | ● | |
| Cooling system fan speeds controlled by operating parameters | ● | |
| Fan drive reversing function | | ● |
| Lockable maintenance hatches, with gas struts | ● | |
| Automatic central lubrication system | ● | |
| Rear view camera | ● | |
| Side view camera | ● | |
| Travel alarm | | ● |
| Electric refuelling pump | | ● |
| Lighting protection | | ● |
| Special paint (customer paint work) | | ● |

## CAB

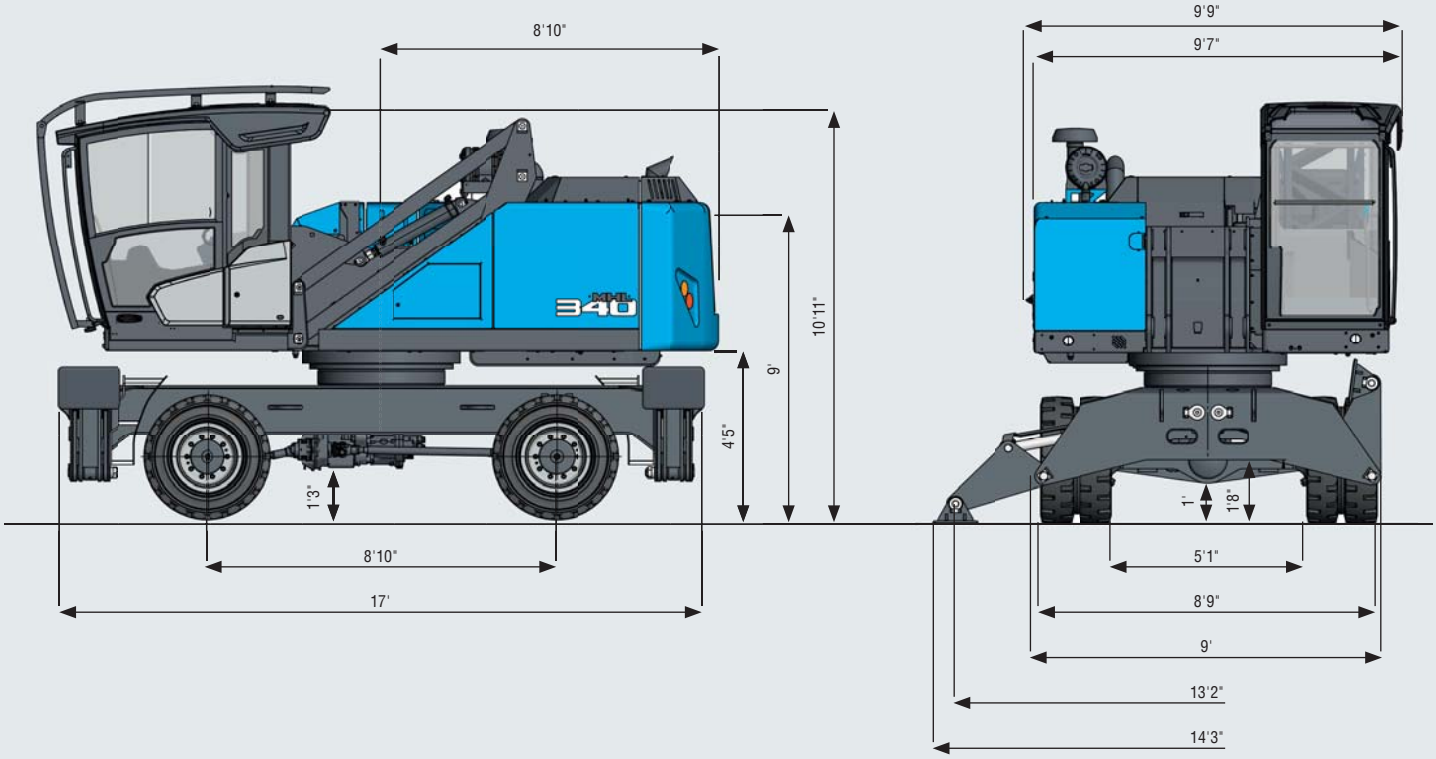
| | Standard | Option |
|---|---|---|
| Hydraulically adjustable cab | ● | |
| 3-layer glass with protection film | ● | |
| Sliding window in cab door | ● | |
| Glazed roof panel | ● | |
| Reinforced glass (windscreen and roof panel) | | ● |
| Windshield washer system | ● | |
| Roof washer system | | ● |
| Air-cushioned operator seat with headrest, seatbelt, and lumbar support | ● | |
| Seat heating with integrated A/C function | | ● |
| Joystick steering | ● | |
| Steering column, height and tilt adjustable | | ● |
| Automatic air conditioning system | ● | |
| Independent heating system | | ● |
| Multi-function display | ● | |
| Document clip | ● | |
| Protective grilles to front and roof | | ● |
| 12 V transformer | | ● |
| Radio USB & Bluetooth | ● | |
| 12 V socket | ● | |
| Fire extinguisher, dry powder | | ● |

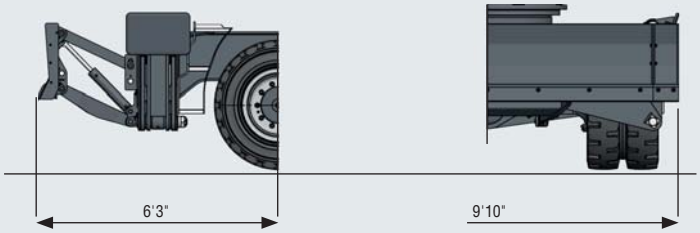
## EQUIPMENT

| | Standard | Option |
|---|---|---|
| 13 kW DC generator with controls | | ● |
| 17 kW DC generator with controls | | ● |
| Close proximity range limiter for dipperstick | ● | |
| Coolant and hydraulic oil level monitoring system | ● | |
| Filter system for attachments | | ● |
| Hose rupture valve for boom cylinder | | ● |
| Hose rupture valve for stick cylinder | | ● |
| Overload and work area control | | ● |
| Overload warning device | | ● |
| Quick coupling on dipperstick | | ● |
| Dipperstick impact protection | | ● |
| Active cyclone prefilter (TOP AIR) | | ● |
| Hydraulic oil preheating 230 V | | ● |
| Float switch for barge unloading | | ● |
| Lubrication of the grab suspension by central lubrication system | ● | |
| Light packages LED | | ● |
| LED front headlights | ● | |
| Fuchs Telematics System | ● | |

Further optional equipment available on request!

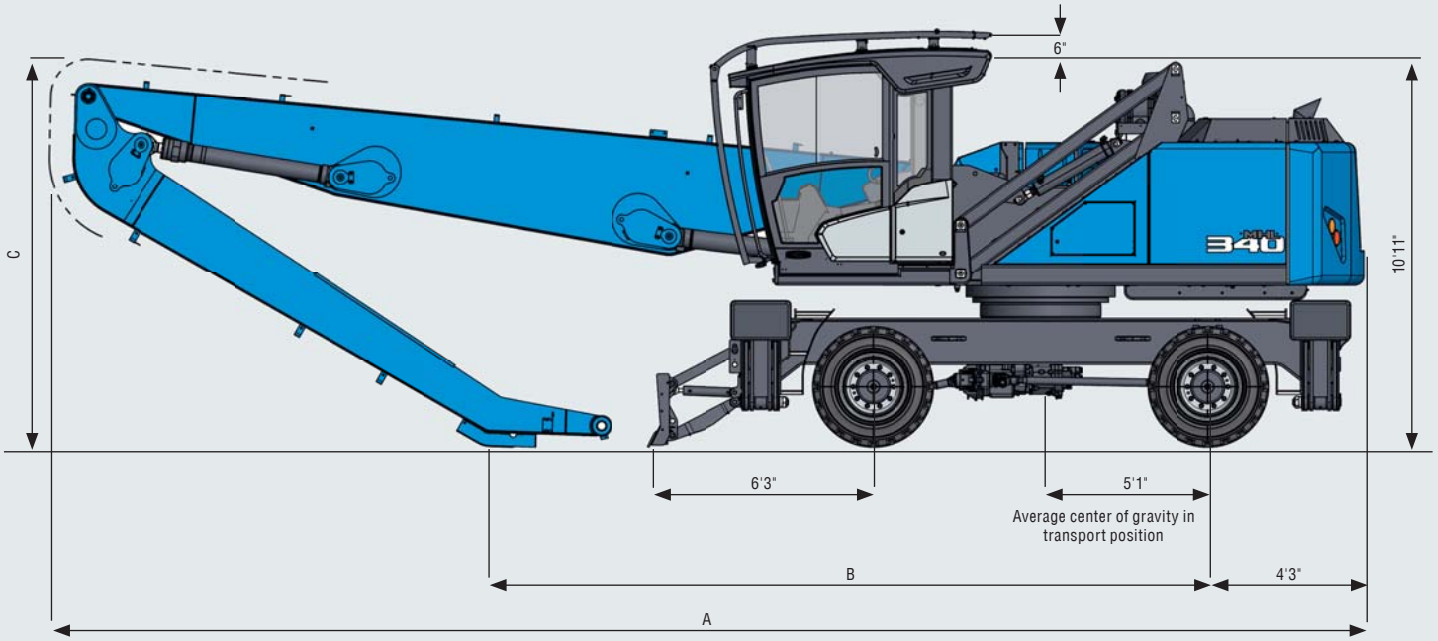
# DIMENSIONS



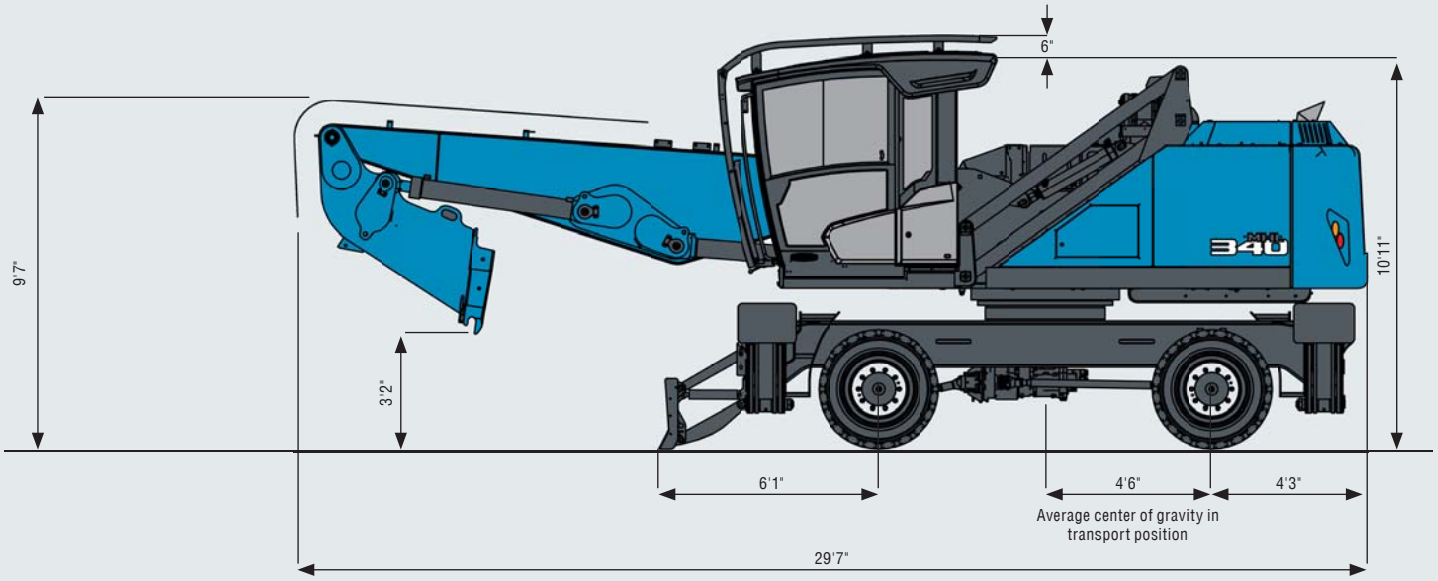
# TRANSPORT DIMENSIONS

Loading system 44'11": undercarriage equipped with dozer blade, rotated by 180°




| Dimensions | Reach 40' (multi-purpose stick) | Reach 41'4" | Reach 44'11" |
|---|---|---|---|
| **A** | 36'9" | 36'1" | 36'1" |
| **B** | 19'9" | 19'1" | 15'9" |
| **C** | 10'2" | 10'8" | 10'1" |

# TRANSPORT DIMENSIONS MHL340 FQC



# WORKING RANGE

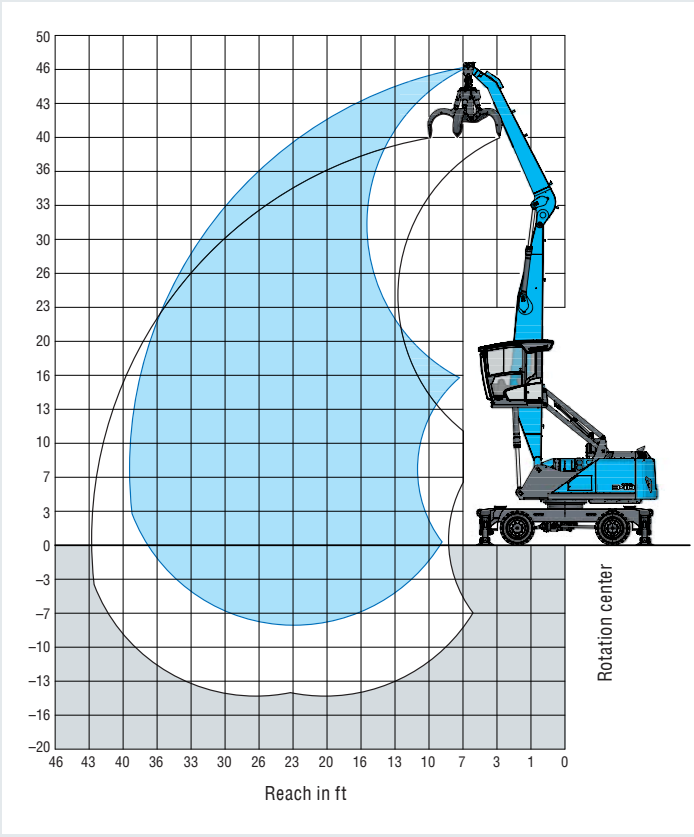
## 41'4" REACH WITH DIPPERSTICK

| | |
|---|---|
| **Loading equipment** | Boom 23'7" |
| | Dipperstick 16'8" |
| | Multi-tine grapple 0.78 yd³ open |

## RECOMMENDED ATTACHMENTS

| | |
|---|---|
| **Fuchs multi-tine grapple 0.52 yd³** | Open or half-closed |
| **Fuchs multi-tine grapple 0.78 yd³** | Open or half-closed |
| **Fuchs multi-tine grapple 1.04 yd³** | Open or half-closed |
| **Fuchs magnet plate MP 1150** | dia = 45" with 17.4 hp (13 kW) magnet system |
| **Fuchs magnet plate MP 1350** | dia = 53" with 22.8 hp (17 kW) magnet system |
| **Clamshell grab 1.30 yd³** | Density of materials handled up to 87.40 lbs/ft³ |
| **Clamshell grab 2.09 ft³** | Density of materials handled up to 49.94 lbs/ft³ |
| **Lift hook** | 22,046 lbs |

The lift capacity values are stated in imperial pounds (lbs). The pump pressure is 5,221 psi. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (…) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hock, etc.) must be deducted from the lift capacity values. The working load of the lifting devise must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.




# LIFTING CAPACITY

| Height [ft] | Undercarriage outrigger | Reach [ft] 15 | 20 | 25 | 30 | 35 | 40 |
|---|---|---|---|---|---|---|---|
| **45** | With 4-pt stabilizers | 15,900° (15,900°) | | | | | |
| **40** | With 4-pt stabilizers | | 17,090° (17,090°) | 11,800° (11,800°) | | | |
| **35** | With 4-pt stabilizers | | 19,440° (19,440°) | 16,830° (16,830°) | 11,970° (11,970°) | | |
| **30** | With 4-pt stabilizers | | 19,430° (19,430°) | 16,600° (16,600°) | 12,690 (14,590°) | 9,660 (9,810°) | |
| **25** | With 4-pt stabilizers | | 19,950° (19,950°) | 16,870° (16,870°) | 12,600 (14,640°) | 9,710 (12,010) | |
| **20** | With 4-pt stabilizers | | 21,170° (21,170°) | 16,610 (17,480°) | 12,340 (14,900°) | 9,590 (11,880) | 7,650 (9,470°) |
| **15** | With 4-pt stabilizers | 30,900° (30,900°) | 22,870° (22,870°) | 15,950 (18,280°) | 11,970 (14,900) | 9,390 (11,670) | 7,580 (9,440) |
| **10** | With 4-pt stabilizers | 34,610° (34,610°) | 21,490 (24,410°) | 15,200 (18,940°) | 11,540 (14,450) | 9,150 (11,420) | 7,470 (9,320) |
| **5** | With 4-pt stabilizers | 13,580° (13,580°) | 20,250 (24,820°) | 14,520 (18,480) | 11,150 (14,040) | 8,920 (11,180) | 7,350 (9,200) |
| **0** | With 4-pt stabilizers | 11,670° (11,670°) | 19,480 (23,430°) | 14,030 (17,960°) | 10,850 (13,720°) | 8,750 (11,000) | 7,280 (8,750°) |
| **−5** | With 4-pt stabilizers | | 19,170 (20,180°) | 13,780 (16,140°) | 10,680 (12,860°) | 8,660 (9,970°) | |
| | | | | | | | **Reach max. 41'11"** |
| **7.2** | With 4-pt stabilizers | | | | | | 6,720 (7,490°) |

# WORKING RANGE

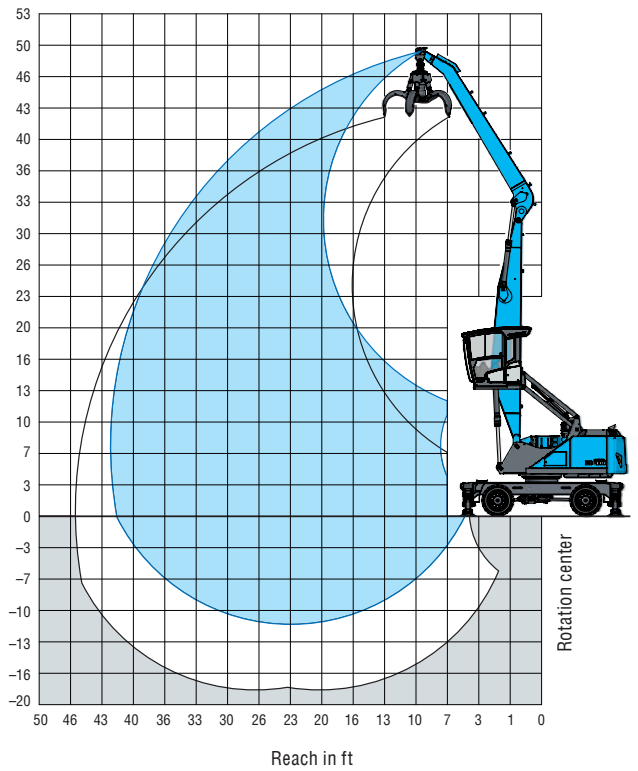
## 44'11" REACH WITH DIPPERSTICK

| | |
|---|---|
| **Loading equipment** | Boom 23'7" |
| | Dipperstick 20'4" |
| | Multi-tine grapple 0.78 yd³ open |

## RECOMMENDED ATTACHMENTS

| | |
|---|---|
| **Fuchs multi-tine grapple 0.52 yd³** | Open or half-closed |
| **Fuchs multi-tine grapple 0.78 yd³** | Open or half-closed |
| **Fuchs magnet plate MP 1150** | dia = 3'9" in with 17.4 hp (13 kW) magnet system |
| **Fuchs magnet plate MP 1350** | dia = 4'5" in with 22.8 hp (17 kW) magnet system |
| **Clamshell grab 35.3 ft³** | Density of materials handled up to 87.4 lb/ft³ |
| **Lift hook** | 22,046 lbs |

The lift capacity values are stated in imperial pounds (lbs). The pump pressure is 5,221 psi. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (…) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hook, etc.) must be deducted from the lift capacity values. The working load of the lifting devise must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



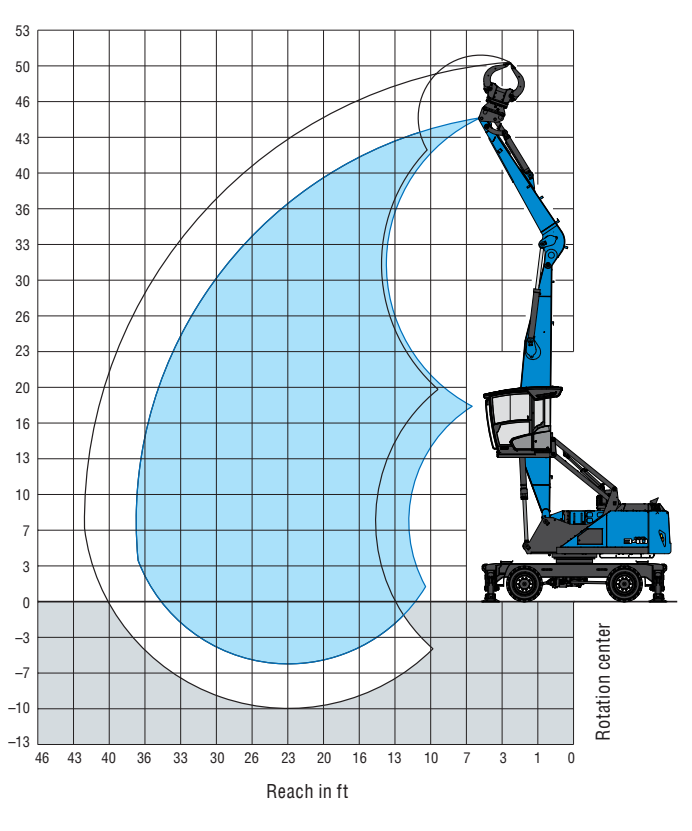

# LIFTING CAPACITY

| Height [ft] | Undercarriage outrigger | Reach [ft] 15 | 20 | 25 | 30 | 35 | 40 | 45 |
|---|---|---|---|---|---|---|---|---|
| **45** | With 4-pt stabilizers | | 11,380° (11,380°) | | | | | |
| **40** | With 4-pt stabilizers | | | 11,870° (11,870°) | 7,570° (7,570°) | | | |
| **35** | With 4-pt stabilizers | | | 14,140° (14,140°) | 11,610° (11,610°) | 6,930° (6,930°) | | |
| **30** | With 4-pt stabilizers | | | 15,100° (15,100°) | 13,030 (13,430°) | 9,910 (10,690°) | | |
| **25** | With 4-pt stabilizers | | | 15,400° (15,400°) | 12,900 (13,570°) | 9,880 (12,070°) | 7,754 (8,390°) | |
| **20** | With 4-pt stabilizers | | 18,990° (18,990°) | 16,080° (16,080°) | 12,610 (13,920°) | 9,710 (12,020) | 7,690 (9,570) | |
| **15** | With 4-pt stabilizers | | 20,820° (20,820°) | 16,450 (17,030°) | 12,190 (14,400°) | 9,460 (11,760) | 7,550 (9,430) | 5,360° (5,360°) |
| **10** | With 4-pt stabilizers | 31,570° (31,570°) | 22,400 (22,850°) | 15,590 (18,000°) | 11,690 (14,620°) | 9,150 (11,440) | 7,380 (9,250) | 6,070 (6,820°) |
| **5** | With 4-pt stabilizers | 33,620 (34,560°) | 20,800 (24,200°) | 14,730 (18,600°) | 11,180 (14,090) | 8,850 (11,120) | 7,200 (9,070) | 6,000 (7,170°) |
| **0** | With 4-pt stabilizers | 16,540° (16,540°) | 19,590 (24,100°) | 14,030 (17,980) | 10,750 (13,640) | 8,590 (10,850) | 7,060 (8,910) | 5,960 (6,140°) |
| **–5** | With 4-pt stabilizers | 14,500° (14,500°) | 18,910 (22,230°) | 13,570 (17,260°) | 10,450 (13,330) | 8,400 (10,660) | 6,970 (8,430°) | |
| **–10** | With 4-pt stabilizers | | 18,630° (18,630°) | 13,360 (14,840°) | 10,300 (11,790°) | | | |
| | | | | | | | | **Reach max. 44'11"** |
| **7.2** | With 4-pt stabilizers | | | | | | | 5,390° (5,390°) |

# WORKING RANGE

## 40' REACH WITH MULTI-PURPOSE STICK

| | |
|---|---|
| **Loading equipment** | Boom 23'7" |
| | Multi-purpose stick 14'9" |
| | Sorting grapple |




The lift capacity values are stated in imperial pounds (lbs). The pump pressure is 5,221 psi. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (…) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hock, etc.) must be deducted from the lift capacity values. The working load of the lifting devise must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.

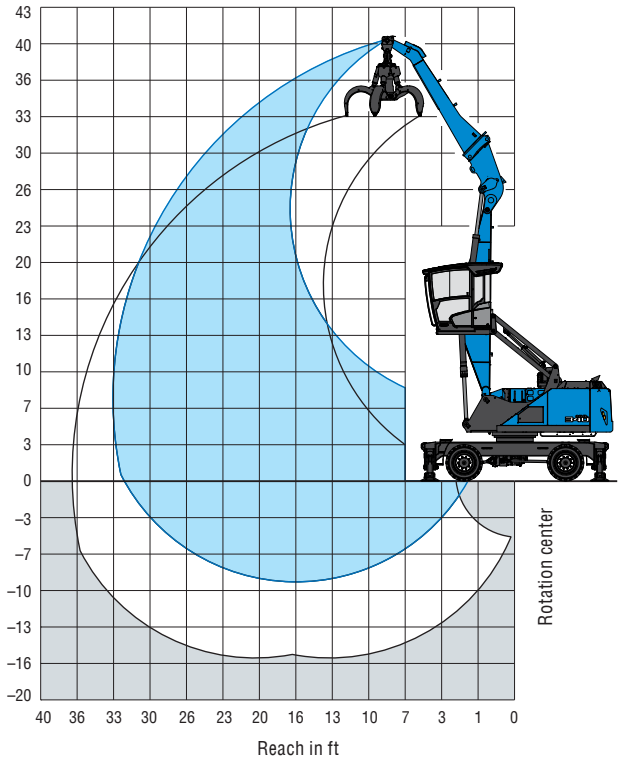
# LIFTING CAPACITY

| Height [ft] | Undercarriage outrigger | Reach [ft] | | | | | |
|---|---|---|---|---|---|---|---|
| | | 15 | 20 | 25 | 30 | 35 | 40 |
| **40** | With 4-pt stabilizers | | 14,280° (14,280°) | | | | |
| **35** | With 4-pt stabilizers | | 18,360° (18,360°) | 14,800° (14,800°) | | | |
| **30** | With 4-pt stabilizers | | 19,810° (19,810°) | 16,460 (16,610°) | 11,910 (14,040°) | | |
| **25** | With 4-pt stabilizers | | 20,290° (20,290°) | 16,250 (16,790°) | 11,850 (14,320°) | 8,980 (11,150°) | |
| **20** | With 4-pt stabilizers | 27,120° (27,120°) | 21,420° (21,420°) | 15,760 (17,310°) | 11,600 (14,490°) | 8,900 (11,190) | |
| **15** | With 4-pt stabilizers | 31,850° (31,850°) | 21,790 (22,890°) | 15,080 (17,930°) | 11,230 (14,150) | 8,710 (10,990) | 6,930 (7,160°) |
| **10** | With 4-pt stabilizers | | 20,340 (23,600°) | 14,340 (18,320°) | 10,810 (13,720) | 8,490 (10,760) | 6,860 (8,710) |
| **5** | With 4-pt stabilizers | | 19,200 (23,600°) | 13,700 (17,650) | 10,440 (13,330) | 8,290 (10,550) | 6,780 (8,390) |
| **0** | With 4-pt stabilizers | 8,940° (8,940°) | 18,590 (21,330°) | 13,280 (16,700°) | 10,180 (13,050) | 8,150 (10,210°) | |
| **–5** | With 4-pt stabilizers | | | 13,110 (14,090°) | 10,070 (11,080) | | |
| | | | | | | | **Reach max. 40"** |
| **7.2** | With 4-pt stabilizers | | | | | | 6,610 (7,170°) |

# WORKING RANGE

## 36'1" REACH WITH DIPPERSTICK

| | |
|---|---|
| **Loading equipment FQC** | Boom 17"<br>Dipperstick 17'8"<br>Multi-tine grapple 0.78 yd³ open with Fuchs QuickConnect (FQC) |




The lift capacity values are stated in imperial pounds (lbs). The pump pressure is 5,221 psi. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (…) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hock, etc.) must be deducted from the lift capacity values. The working load of the lifting devise must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.

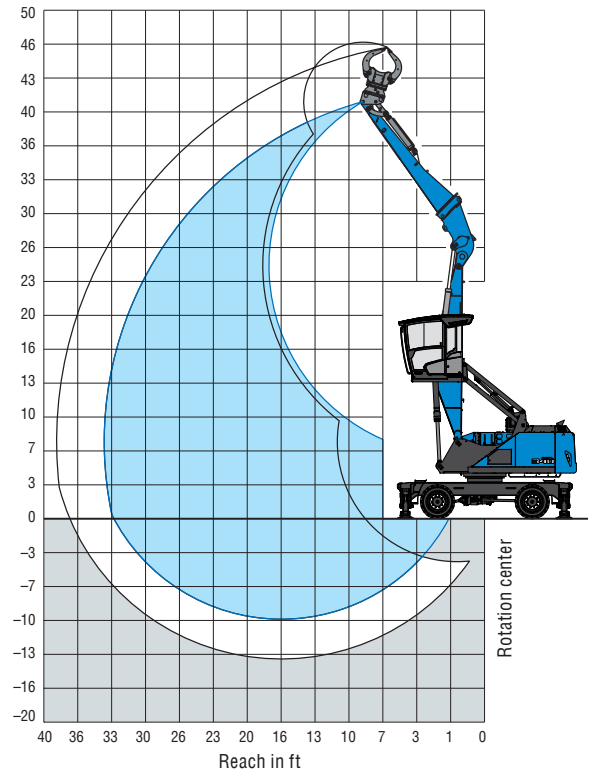
# LIFTING CAPACITY

| Height [ft] | Undercarriage outrigger | Reach [ft] | | | | | |
|---|---|---|---|---|---|---|---|
| | | 10 | 15 | 20 | 25 | 30 | 35 |
| **35** | With 4-pt stabilizers | | | 11,130° (11,130°) | | | |
| **30** | With 4-pt stabilizers | | | 14,530° (14,530°) | 10,780° (10,780°) | | |
| **25** | With 4-pt stabilizers | | | | 13,810° (13,810°) | 8,920° (8,920°) | |
| **20** | With 4-pt stabilizers | | | 17,540° (17,540°) | 16,060° (16,060°) | 12,170° (12,170°) | |
| **15** | With 4-pt stabilizers | | | 19,900° (19,900°) | 17,050° (17,050°) | 12,460 (14,720°) | 7,260° (7,260°) |
| **10** | With 4-pt stabilizers | | 25,920° (25,920°) | 21,960° (21,960°) | 16,410 (17,910°) | 12,090 (14,920°) | 9,170° (9,170°) |
| **5** | With 4-pt stabilizers | 56,270° (56,270°) | 33,230° (33,230°) | 22,530 (23,820°) | 15,630 (18,530°) | 11,680 (14,780°) | 9,150 (9,820°) |
| **0** | With 4-pt stabilizers | 16,990° (16,990°) | 34,720° (34,790°) | 21,250 (24,270°) | 14,960 (18,290°) | 11,330 (14,070°) | 8,610° (8,610°) |
| **–5** | With 4-pt stabilizers | 15,360° (15,360°) | 31,590° (31,590°) | 20,490 (22,360°) | 14,550 (16,520°) | 11,150 (11,920°) | |
| | | | | | | | **Reach max. 36'1"** |
| **7.5** | With 4-pt stabilizers | | | | | | 5,110° (5,110°) |

# WORKING RANGE

## 36'8" REACH WITH MULTI-PURPOSE STICK

| | |
|---|---|
| **Loading equipment FQC** | Boom 17" |
| | Multi-purpose stick 18'4" |
| | Sorting grapple with Fuchs QuickConnect (FQC) |




The lift capacity values are stated in imperial pounds (lbs). The pump pressure is 5,221 psi. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (…) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hock, etc.) must be deducted from the lift capacity values. The working load of the lifting devise must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.

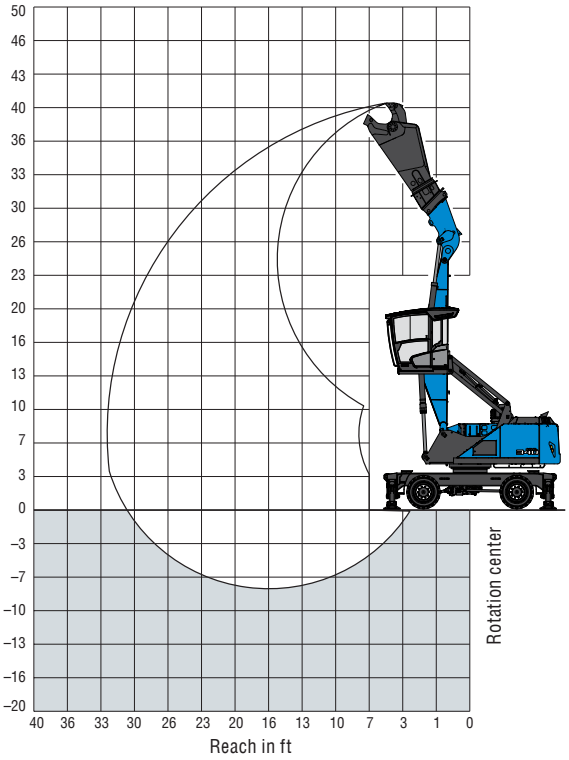
# LIFTING CAPACITY

| Height [ft] | Undercarriage outrigger | Reach [ft] | | | | | |
|---|---|---|---|---|---|---|---|
| | | 10 | 15 | 20 | 25 | 30 | 35 |
| **35** | With 4-pt stabilizers | | | 11,010° (11,010°) | | | |
| **30** | With 4-pt stabilizers | | | | 10,500° (10,500°) | | |
| **25** | With 4-pt stabilizers | | | | 13,060° (13,060°) | 8,870° (8,870°) | |
| **20** | With 4-pt stabilizers | | | | 15,030° (15,030°) | 11,670° (11,670°) | 4,420° (4,420°) |
| **15** | With 4-pt stabilizers | | | 18,440° (18,440°) | 16,090° (16,090°) | 12,120 (13,880°) | 7,550 (7,550°) |
| **10** | With 4-pt stabilizers | | 22,480° (22,480°) | 20,820° (20,820°) | 16,110 (16,980°) | 11,710 (14,120°) | 8,910 (9,290°) |
| **5** | With 4-pt stabilizers | 53,630° (53,630°) | 31,820° (31,820°) | 22,280 (22,780°) | 15,260 (17,670°) | 11,260 (14,130°) | 8,690 (10,060°) |
| **0** | With 4-pt stabilizers | 17,940° (17,940°) | 33,870° (33,870°) | 20,860 (23,450°) | 14,530 (17,580°) | 10,870 (13,490°) | 8,530 (9,290°) |
| **–5** | With 4-pt stabilizers | 14,990° (14,990°) | 31,270° (31,270°) | 19,900 (21,860°) | 14,050 (16,040°) | 10,640 (11,590°) | |
| | | | | | | | **Reach max. 36'8"** |
| **7.5** | With 4-pt stabilizers | | | | | | 4,240° (4,240°) |

# WORKING RANGE

## WITH SCRAP SHEARS

| | |
|---|---|
| **Loading equipment FQC** | Boom 17'<br>Scrap shears GXP 300<br>with Fuchs QuickConnect (FQC) |
| **Cutting force** | 5749 kN |
| **Jaw depth** | 2' |
| **Jaw opening** | 1'10" |
| **Weight*** | 8,819 lbs |




The lift capacity values are stated in imperial pounds (lbs). The pump pressure is 5,221 psi. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (…) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hock, etc.) must be deducted from the lift capacity values. The working load of the lifting devise must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



### The unique FUCHS QuickConnect system

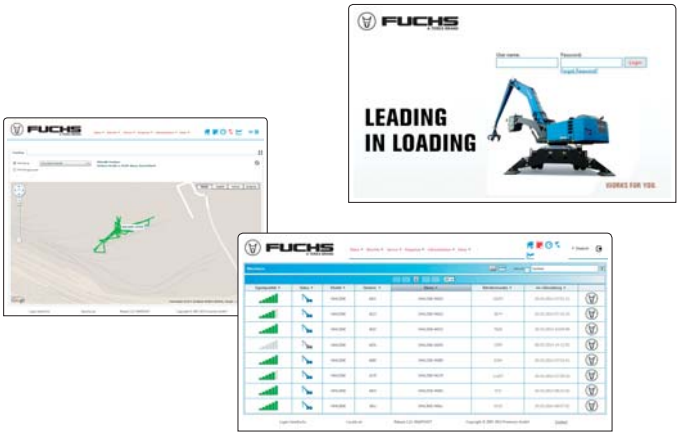
Time is money – and with the FUCHS QuickConnect (FQC) system, you can reduce attachment-change downtime to a fraction of the usual cost. For example, in less than a minute you can switch from a multi-purpose stick / grab combination to a dipperstick with a magnet or scrap shears. Using leak-free quick couplers, attachments can be changed quickly and safely from inside the cab. For the operator, climbing in and out and removing and replacing bolts are now just things of the past.

FUCHS
A TEREX BRAND

# GET A HANDLE ON FLEET MANAGEMENT.

## Fuchs Telematics System: Recognize and Optimize Potential.

**The Fuchs Telematics system: know exactly how and where everything is running.**
The system offers a modern solution to help you analyze and optimize the efficiency of your machines. It records and communicates valuable information on the operating status of each individual machine. Where are the machines? How are they working? Is a service check pending? Take advantage of this advanced software and get a handle on your fleet management with the tool that connects for you.




### ALL-IN-ONE MACHINE MANAGEMENT. EVERYTHING AT A GLANCE: OPERATING DATA, MACHINE STATUS, GPS DATA

**Record, display, and analyse data: high efficiency through precise information**

- Available online anywhere and at any time*: comprehensive information on the GPS location, start and stop times, fuel consumption, operating hours, maintenance status, and much more.
- User-friendly interface: displays information clearly for at a glance metrics and diagnostics. Take action before damage occurs: predetermined maintenance intervals are signaled and error messages are displayed in plain text messages.
- The Fuchs Telematics system is optionally available or can be retrofitted into existing machines to help control your operating costs and keep your machines in top shape.

* Internet connection required

**www.terex-fuchs.com**