TECHNICAL DATA

MATERIAL HANDLER | F-SERIES

MHL350
MHL355

214 hp

up to **90,169** lbs

up to **52'9"**

FUCHS
A TEREX BRAND

Courtesy of Crane.Market

MORE THAN ONE MATERIAL HANDLER.

Fuchs F-Series Material Handlers – benchmark for power and efficiency.

Sensitive hydraulic and application-oriented kinematics for efficient power management.

Power is important. What is even more important, is using that power efficiently and purposefully. This is where the interplay between the MHL350 F material handler's engine and hydraulics impresses with striking performance data, as well as speed, precision, and fuel efficiency. The hydraulic system holds the reserves necessary for achieving quick work cycles, even under heavy loads. The work movements can be performed jolt-free with the clever kinematics, just as extremely gentle yet highly precise maneuvers can be executed.

Courtesy of Crane.Market

Featuring a three-stage power operation, that provides substantial fuel savings, conveniently located on the machine's new multifunction button control panel, the F-Series material handler can be set to Power Mode, providing the operator with enhanced power and speed for heavy-duty applications such as feeding the shredder, loading / unloading trailers and rail cars, or magnet operation.
However, tasks like cleaning the yard and sorting material do not require 100 % power demand from the engine, and when facing less-demanding, medium-duty tasks, the operator can simply press the Eco Mode. This delivers up to 27 % fuel savings over full power, while still offering high lifting and slewing rates.
When the material handler is performing low-demand tasks such as sorting, the operator can choose to switch the machine to Eco+ Mode to reduce engine RPM by up to 19 %, using 80 % of full engine horsepower. Eco+ Mode is designed to decrease fuel consumption, offering up to 36 % fuel savings.

Courtesy of Crane.Market

EXPERIENCE THE IMPACT OF UNIQUE PRODUCTIVITY.

Top performance and fuel efficiency go together perfectly.

Handling all kinds of material can be so easy and fast – if you rely on innovations made by Fuchs.

These properties distinguish the Fuchs MHL350 F material handler. When developing the new generation, we placed special attention on driving and driver enjoyment. In particular, the overhauled hydraulics offer more speed and efficiency in everyday operations. The driver controls this powerhouse securely and precisely in the cab, which provides a pleasant and ergonomic working environment.

Courtesy of Crane.Market

The MHL350 F material handler sets the standard in modern technology with more sophisticated hydraulics and an exceptionally comfortable driver's cabin. Through a combination of power and low fuel consumption, as well as the powerful yet sensitive hydraulics, demanding loading tasks can be completed efficiently. The MHL350 F material handler represents the new generation of Fuchs loading machines. The new design with classic Fuchs-style elements combined with the latest technologies embodies the perfect blend of tradition, quality, and innovative spirit. More than ever the MHL350 F material handler is the symbol for economy and robustness for deployment in scrap yards.

Driver's Cab
- Hydraulically adjustable
- Viewing height: max. 18'4"
- Soundproof and heat-insulated large windows provide excellent visibility

Air Conditioning
- Climate control condenser separated from the main cooling system
- Dust-protected
- Independent of engine speed
- Highly efficient

High Performance Cooling System
- Physically separated
- Huge coolers and direct airflow for outstanding cooling capacity

Fuchs Service Platform
- Unique in its business
- Safe and comfortable access to engine, filters, etc.

Engine
- 214 hp (160 kW) for more agility
- One of the most efficient consumption in its class
- 99 % less diesel particles
- Three new work modes: Eco Plus / Eco / Power

Big Counterweight
- Extra stability
- Still a small swingtail radius

Courtesy of Crane.Market

STANDS STRONG. WORKS HARD. ACHIEVES MORE.

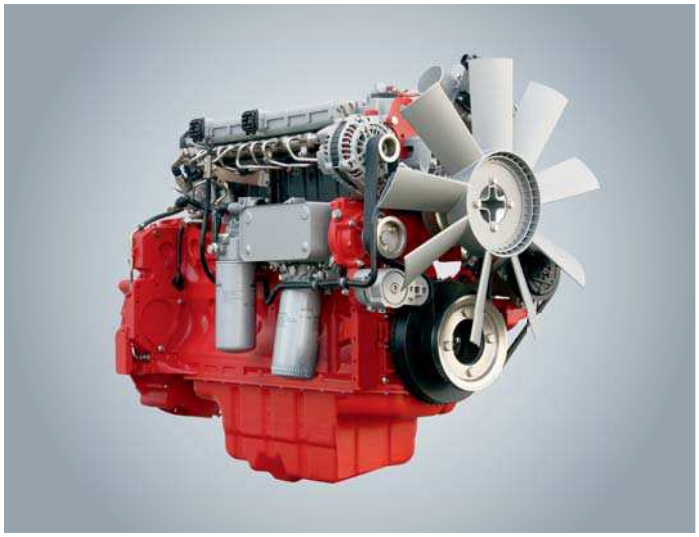
MHL355 F: excellence is best based on a solid foundation.

MHL355 F material handler with the extended undercarriage allows even more stability.

Courtesy of Crane.Market

EQUIPMENT AND OPTIONS.

Latest technology, tailor made for you.



214 hp diesel engine

- Reduced exhaust emissions compared to Tier IV final
- Start / stop automatics (as an option)

Constant cooling

- Radiators designed for easy maintenance
- Exceptional cooling performance

Air conditioning

- Dust-protected, separated from the main cooling system
- Independent of engine speed

Low emission

- SCR technology meets stringent emissions regulations
- Passive regeneration of the diesel particulate filter (DPF)

Courtesy of Crane.Market

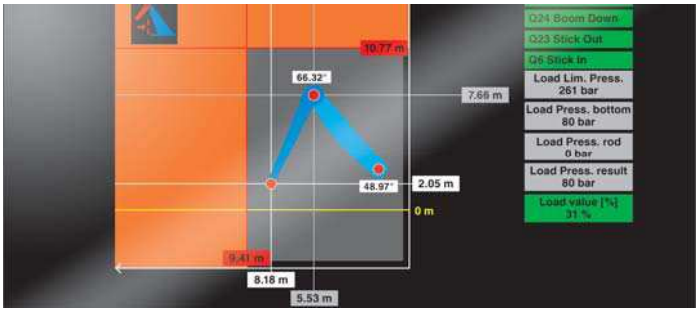
Joystick Steering
- Improved visibility
- More legroom and comfort

Multifunction Button
- Power on demand
- Additional fuel savings

7" Multi-Function Touch Display
- Easy and intuitive operation
- Full monitoring of the machine data

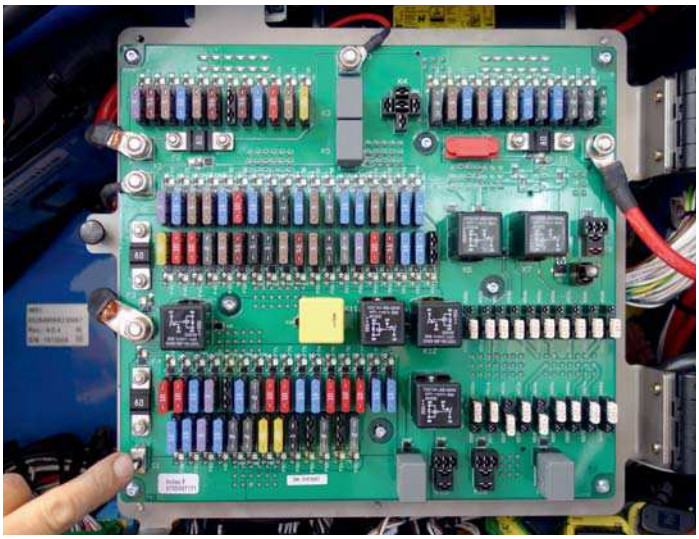
Float Switch*
- Lifts the boom automatically if too much pressure is applied
- Protects sensitive surfaces like the floor of barges

Rear and Side View Cameras
- Nightvision as an extra safety feature
- 360° surround view system on demand



Overload Warning with Height and Reach Limiter*
- Easy set-up via the touch display
- Enhanced control for heavy loads

Courtesy of Crane.Market

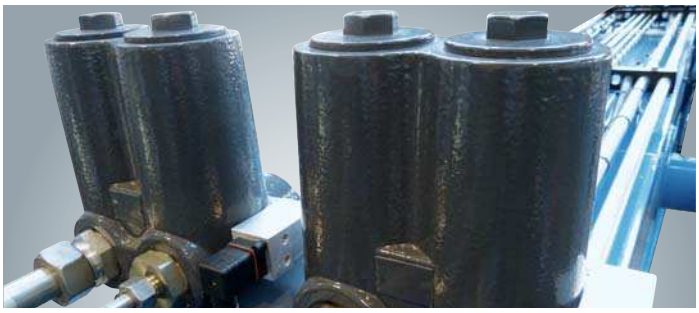


CAN BUS and Rapid Fuse Tester

- State of the art technology
- Clever fuse tester as a little helper – just in case

Built-in Fuchs Quality

- Massive distribution block prevents hoses from extreme bending
- Quality in detail



Attachment Filter*

- High pressure filter with monitoring
- Effective protection against hydraulic oil contamination

Electric Drive*

- Maximum efficiency
- Reduced service costs

Active Cyclone Prefilter*

- Less dust in your air filter, no loss of airflow and engine power
- Longer uptime of your air filter

Tracked Undercarriage*

- Even more stability
- Less ground pressure
- Flat shoes or triple grousers

* special equipment on demand

Courtesy of Crane.Market

TECHNICAL DATA

OPERATING WEIGHT

MHL350 F	72,753–78,264 lbs
MHL355 F	79,366–90,169 lbs

ENGINE

Manufacturer & model	Deutz TCD 6.1 L6
Type	6-cylinder inline
Engine control	EMR IV
Engine operation	4-stroke diesel, common rail direct injection, turbo-charger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration and SCR-cat automatic regenerationcat
Power	214 hp
Nominal speed	2,000 rpm
Displacement	372 cui
Cooling system	Combi-cooler (coolant/ charge air) with fan speed control, system; optional reversing function
Exhaust emission standard	Stage IV/EPA Tier IV final
Air filtration	Two-stage filter with safety cartridge and pre-separator with discharge valve
Fuel tank	83 gal Diesel
DEF tank	8 gal Ad Blue

ELECTRICAL SYSTEM

Alternator	28 V / 100 A
Voltage	24 V
Batteries	2 × 12 V / 110 Ah / 750 A (in accoordance with EN)
Lights	2 × H3 headlamps, turn indicators and tail lights
Optional	13 kW or 20 kW DC generator with controls and insulation monitoring, driven by V-belt direct from diesel engine

TRANSMISSION

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

Travel speed 1st gear	max. 3 mph
Travel speed 2nd gear	max. 12 mph
Gradeability	max. 39 %
Turning radius	26'2"

SWING DRIVE

Slewing ring	Internally toothed double-row ball ring gear
Drive	3-stage planetary gear with integrated multi-disc brake
Swing speed	Infinitely variable from 0–7 rpm
Swing brake	Electrically operated
Swing torque	17984,7 lbf ft

UNDERCARRIAGES

	MHL350 F	MHL355 F
Front axle	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 27°	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 27°
Rear axle	Oscillating axle with integral drum brake and selectable oscillating axle lock	Oscillating planetary drive rear axle with integrated drum brake and selectable oscillating axle lock
Stabilization	4-point stabilizer system	4-point stabilizer system
Tires	Solid rubber, 8-ply 12.00-20	Solid rubber, 8-ply 12.00-20

BRAKING SYSTEM

Service brake	Hydraulic single-circuit braking system acting on all wheels
Parking brake	Electrically operated disc brake on transmission 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

Hydraulic oil filter	Integral return filter in oil tank for work hydraulics, with 3,000 operating hours service interval
Max. pump flow	2 x 87 gal/ min
Max. pressure	4,641/ 5,221 psi
Hydraulic tank	141 gal usable tank capacity

OPERATOR'S CAB

Cab	Infinitely variable hydraulic height-adjustment with eye level up to 18'4" above ground. Flexibly mounted. 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; Joystick steering.
Air-conditioning	Automatic air-conditioning. Infinitely variable heating with 3-speed fan, 6 adjustable 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 and 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.
Sound levels	LW(A) = 101 dB(A) (guaranteed) in accordance with directive 2000/14 EC; max allowable under 2000/14 EC = 104 dB(A)

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

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 20.1 × 26.2 in	●	
4-point stabilizers, individually controllable		●
Tool box	●	
Special paint (customer paint work)		●

UPPERCARRIAGE

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	●	
Travel alarm		●
Electric refuelling pump		●
Lighting protection		●
Special paint (customer paint work)		●
Cyclone prefilter		●

CAB

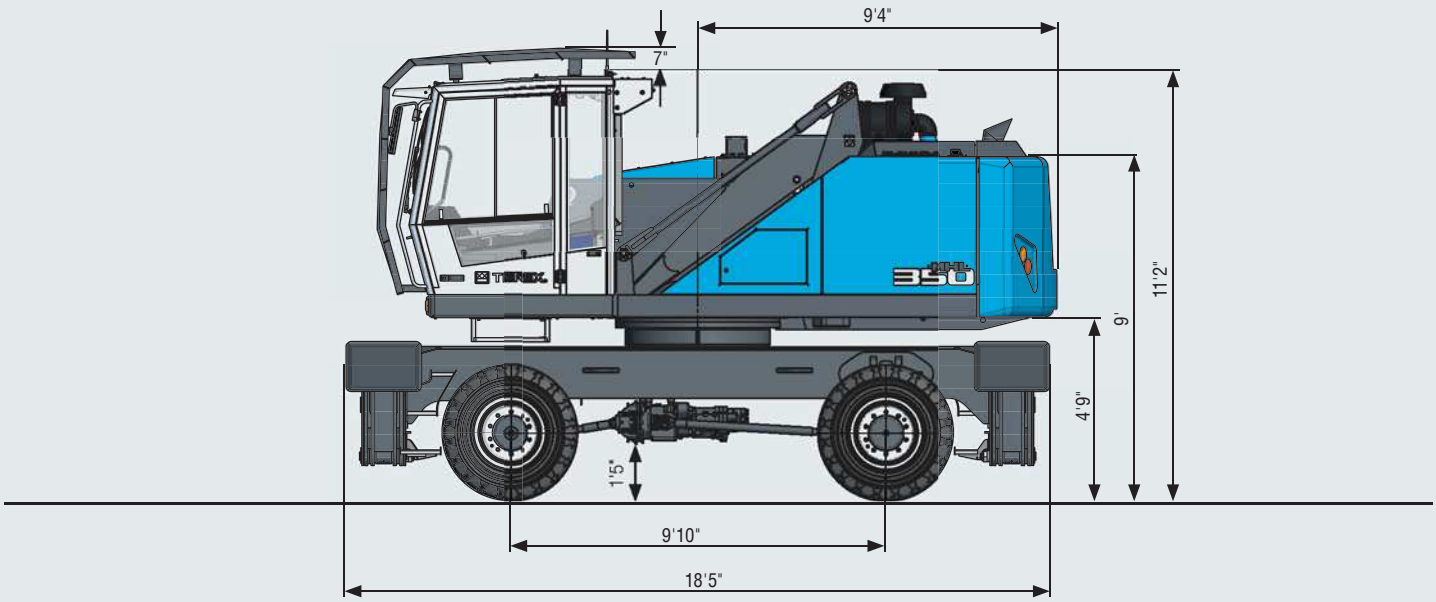
	Standard	Option
Hydraulically adjustable cab	●	
3-layer glass with protection film	●	
Sliding window in cab door	●	
Glazed roof panel	●	
Reinforced glass (windscreen and roof panel)		●
Windscreen washer system	●	
Windshield washer system (lower portion of windshield)		●
Air-cushioned operator seat with headrest, seatbelt, and lumbar support	●	
Seat heating with integrated A/C function		●
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 CD & USB		●
12 V socket		●
Fire extinguisher, dry powder		●
Rotating beacon		●

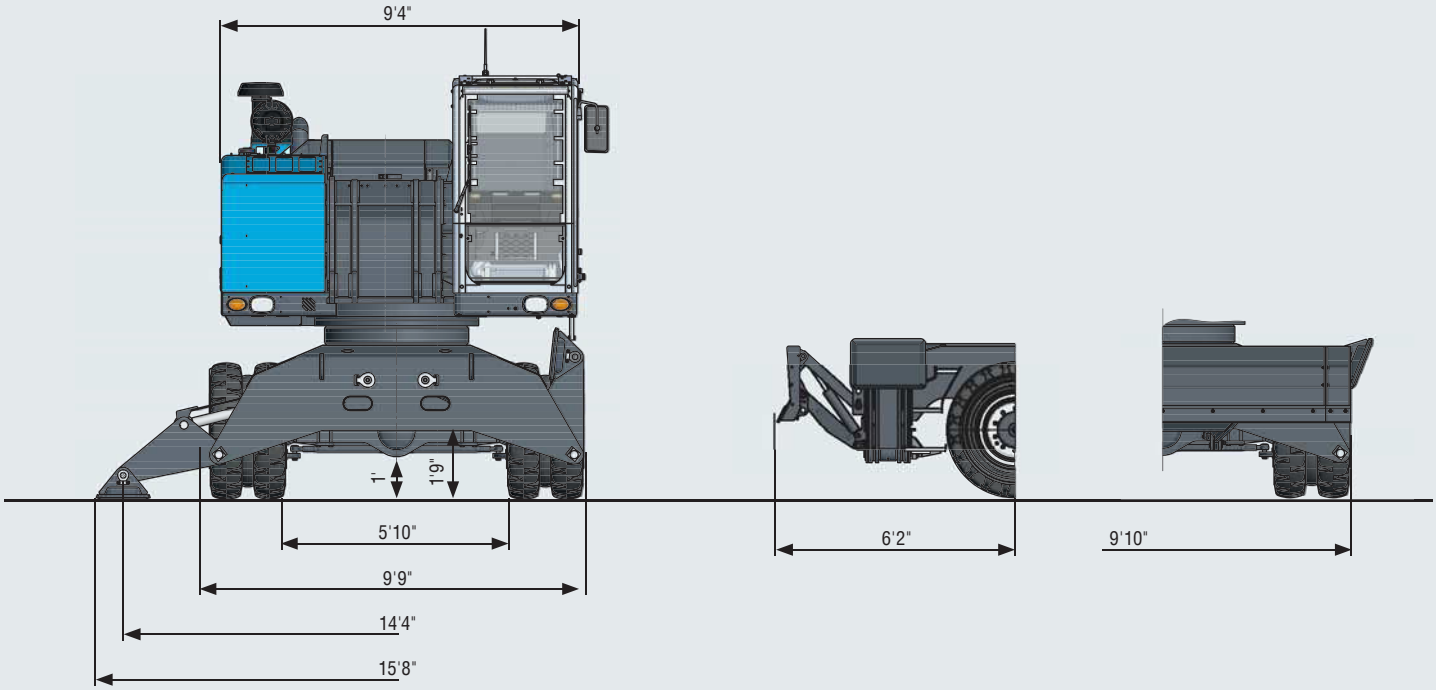
EQUIPMENT

13 kW DC generator with controls		●
20 kW DC generator with controls		●
Close proximity range limiter for dipperstick	●	
Coolant and hydraulic oil level monitoring system	●	
Filter system for attachments		●
Hose rupture value for boom cylinder		●
Hose rupture value 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		●
Joystick steering		●
Lubrication of the grab suspension by central lubrication system	●	
Light packages H3 or LED		●
H3 front headlights	●	
Fuchs Telematics System		●

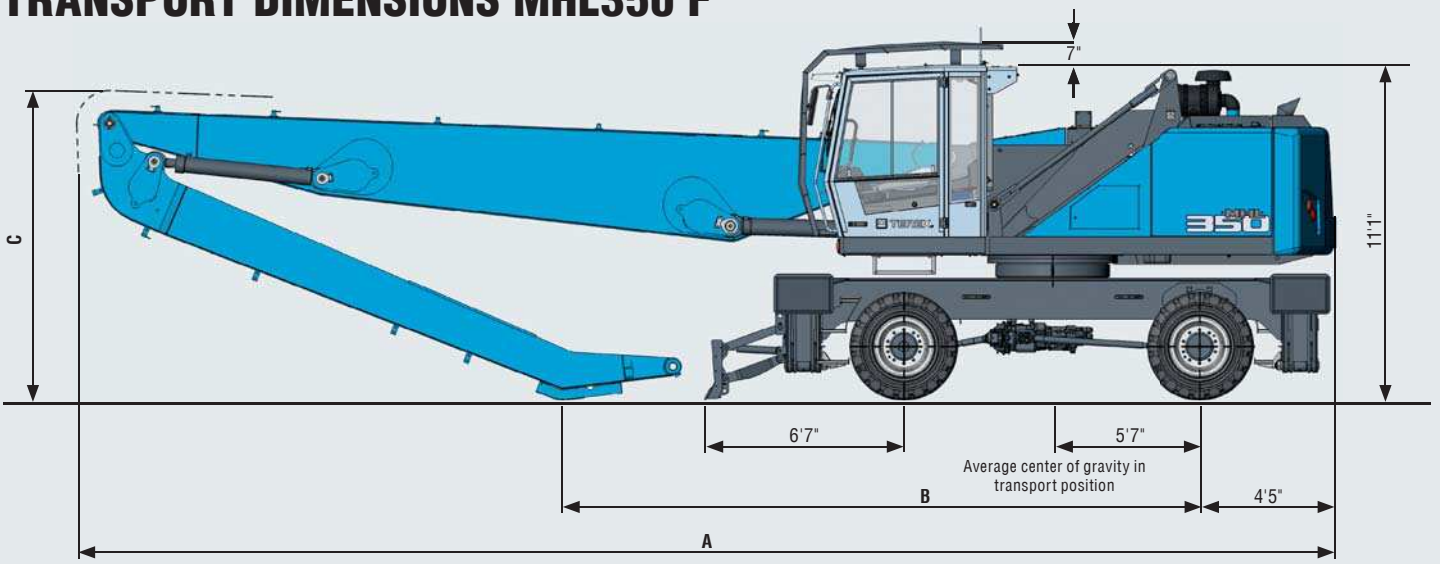
Further optional equipment available on request!

DIMENSIONS MHL350 F



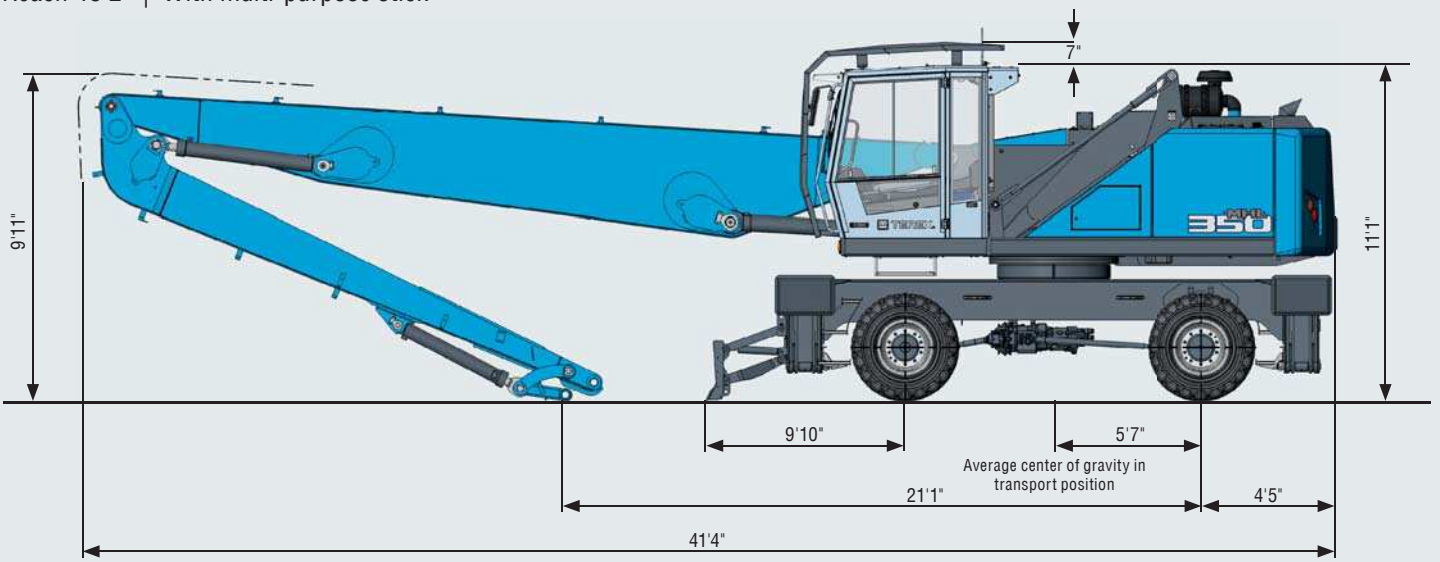


TRANSPORT DIMENSIONS MHL350 F



Dimensions	Reach 52'5"	Reach 49'2"
A	41'2"	41'4"
B	18'4"	21'1"
C	11'9"	9'10"

Reach 48'2" | With multi-purpose stick



LOADING SYSTEMS WITH DIPPERSTICK OR MULTI-PURPOSE STICK

	MHL350			MHL355
Component	Reach 52'5"	Reach 49'2"	48'2" with MPS	Reach 52'5"
Straight boom 27'10"	●	●	●	●
Dipperstick 20'4"		●		
Dipperstick 20'4"	●			●
Multi-purpose stick 18'4"			●	

WORKING RANGE

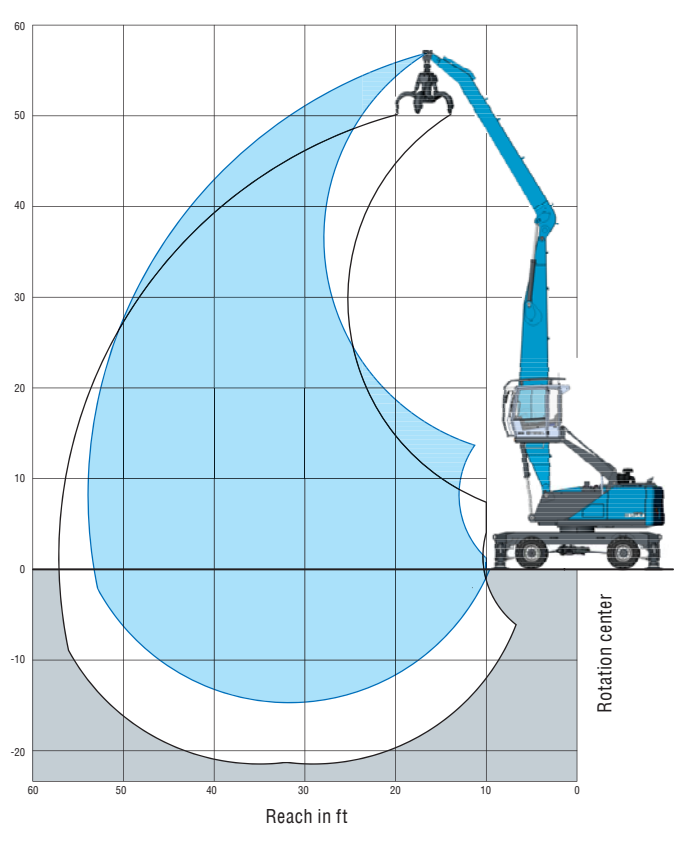
REACH 52'5" WITH DIPPER STICK

Loading equipment	Boom 27'10"
	Dipper stick 23'7"
	Multi-tine grapple

RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.78 yd³	Open or half-closed
Fuchs magnet plate MP 1150	dia = 45" with 17.4 hp (13 kW) magnet system
Clamshell grab 1.30 yd³	Density of materials handled up to 49.9 lbs/ft³

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	50
55	4-point supported		9,360° (9,360°)						
50	4-point supported			10,310° (10,310°)	7,380° (7,380°)				
45	4-point supported				10,380° (10,380°)	7,720° (7,720°)			
40	4-point supported				11,940° (11,940°)	10,150° (10,150°)	7,230° (7,230°)		
35	4-point supported				13,110° (13,110°)	11,770° (11,770°)	9,570° (9,570°)	5,830° (5,830°)	
30	4-point supported				13,810° (13,810°)	12,410° (12,410°)	11,250° (11,250°)	8,290° (8,290°)	
25	4-point supported			16,040° (16,040°)	14,250° (14,250°)	12,660° (12,660°)	11,370° (11,370°)	9,500 (10,100°)	6,330° (6,330°)
20	4-point supported			17,370° (17,370°)	14,890° (14,890°)	13,030° (13,030°)	11,390 (11,560°)	9,350 (10,330°)	7,790 (8,360°)
15	4-point supported	22,280° (22,280°)	23,410° (23,410°)	18,730° (18,730°)	15,650° (15,650°)	13,460° (13,460°)	11,080 (11,770°)	9,150 (10,390°)	7,680° (9,120°)
10	4-point supported	37,430° (37,430°)	26,000° (26,000°)	20,050° (20,050°)	16,370° (16,370°)	13,180 (13,830°)	10,730 (11,930°)	8,930 (10,390°)	7,550° (8,980°) 10
5	4-point supported	11,850° (11,850°)	27,660° (27,660°)	20,850° (20,850°)	15,906 (16,840°)	12,670 (14,040°)	10,400 (11,950°)	8,710 (10,260°)	7,420 (8,700°)
0	4-point supported	8,450° (8,450°)	20,370° (20,370°)	19,830 (21,060°)	15,240 (16,860°)	12,240 (13,940°)	10,110 (11,740°)	8,530 (9,920°)	7,320 (8,170°)
–5	4-point supported	8,610° (8,610°)	15,840° (15,840°)	19,180 (20,230°)	14,780 (16,280°)	11,920 (13,410°)	9,890 (11,180°)	8,400 (9,250°)	7,250° (7,250°)
–10	4-point supported		15,060° (15,060°)	18,390° (18,390°)	14,530 (14,970°)	11,730 (12,330°)	9,780 (10,130°)	8,100° (8,100°)	
									Max. reach 52'9"
8.2	4-point supported								4,360° (4,360°)

WORKING RANGE

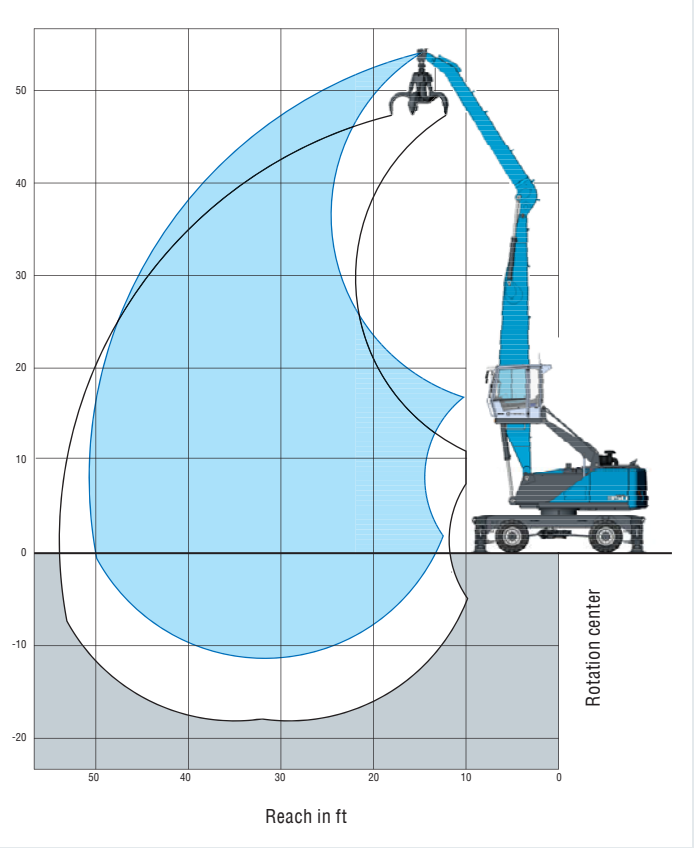
REACH 49'2" WITH DIPPER STICK

Loading equipment	Boom 27'10" Dipper stick 20'4" Multi-tine grapple

RECOMMENDED ATTACHMENTS

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 1250	dia = 49.2" with 26.8 hp (20 kW) magnet system
Clamshell grab 1.83 yd³	Density of materials handled up to 99.88 lbs/ft³
Clamshell grab 2.09 yd³	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.



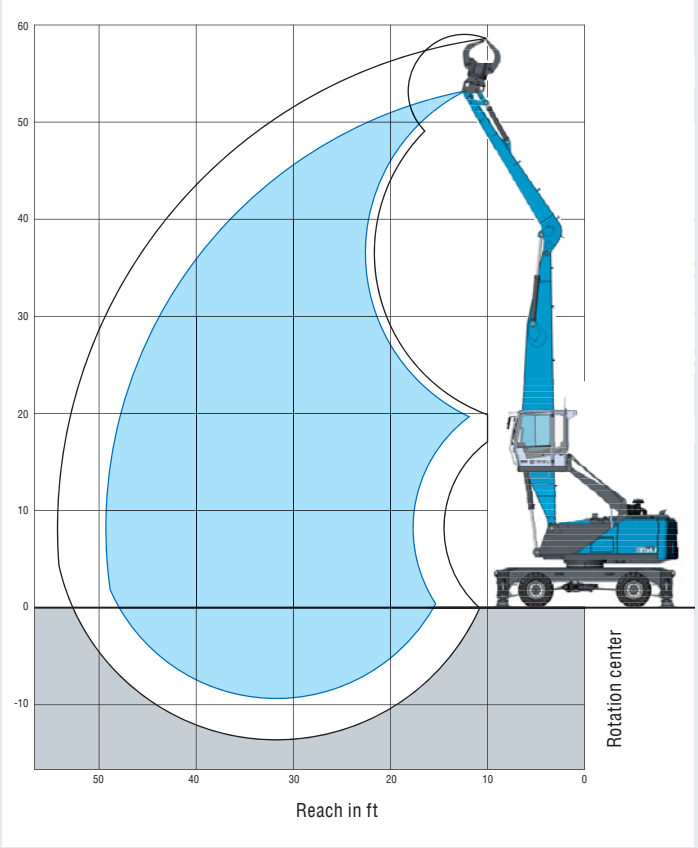
LIFTING CAPACITY

Height [ft]	Undercarriage outrigger	Reach [ft] 15	20	25	30	35	40	45	50
50	4-point supported		12.110° (12.110°)	8.280° (8.280°)					
45	4-point supported			12.590° (12.590°)	9,590° (9,590°)				
40	4-point supported			14,520° (14,520°)	12,630° (12,630°)	9,530° (9,530°)			
35	4-point supported			15,940° (15,940°)	14,610° (14,610°)	12,360° (12,360°)	8,520° (8,520°)		
30	4-point supported			16,950° (16,950°)	14,780° (14,780°)	13,130° (13,130°)	11,410° (11,410°)	5,900° (5,900°)	
25	4-point supported			17,670° (17,670°)	15,200° (15,200°)	13,350° (13,350°)	11,380 (11,870°)	9,060° (9,060°)	
20	4-point supported		23,160° (23,160°)	18,740° (18,740°)	15,800° (15,800°)	13,670° (13,670°)	11,170 (12,010°)	9,190 (10,600°)	
15	4-point supported	36,010° (36,010°)	25,560° (25,560°)	19,980° (19,980°)	16,460° (16,460°)	13,430 (14,000°)	10,900 (12,140°)	9,030 (10,580°)	6,450° (6,450°)
10	4-point supported	14,190° (14,190°)	27,610° (27,610°)	21,010° (21,010°)	16,320 (16,990°)	12,970 (14,240°)	10,610 (12,180°)	8,860 (10,460°)	7,520° (7,520°)
5	4-point supported		22,860° (22,860°)	20,380 (21,430°)	15,650 (17,180°)	12,540 (14,250°)	10,340 (12,030°)	8,700 (10,170°)	7,460° (7,460°)
0	4-point supported		15,510° (15,510°)	19,610 (20,930°)	15,130 (16,830°)	12,200 (13,880°)	10,120 (11,590°)	8,580 (9,580°)	6,720° (6,720°)
–5	4-point supported		14,450° (14,450°)	19,210° (19,210°)	14,820 (15,780°)	11,970 (13,000°)	9,980 (10,710°)	8,510° (8,510°)	
–10	4-point supported			16,810° (16,810°)	13,930° (13,930°)	11,460° (11,460°)			
									Max. reach 49'10"
8.2	4-point supported								5,430° (5,430°)

WORKING RANGE

REACH 48'2" WITH MULTI-PURPOSE STICK

Loading equipment	Boom 27'10"
	Multi-purpose stick 18'4"
	Sorting grapple

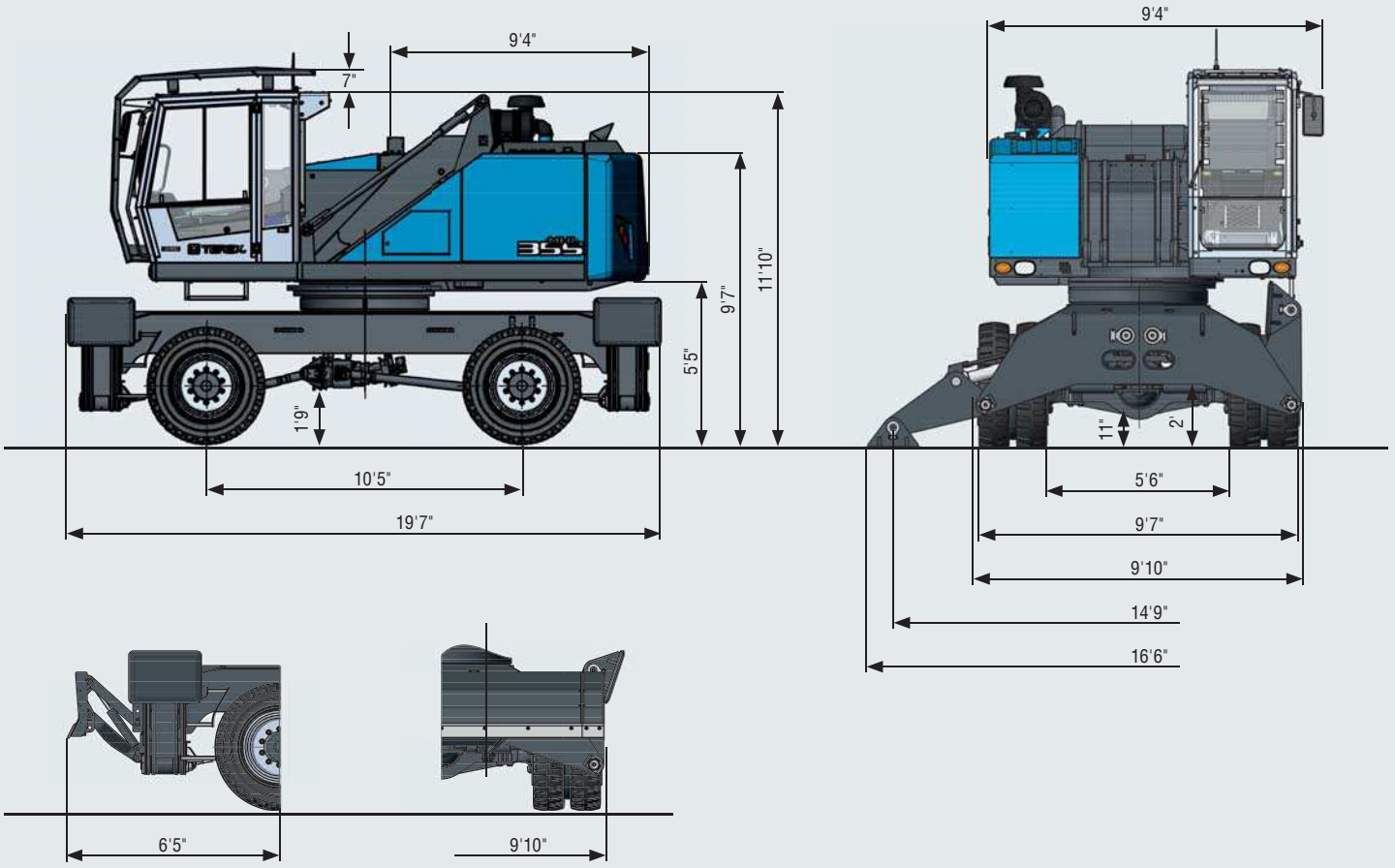


The lift capacity values are stated in imperial pounds (lbs). The pump pressure is 5,221 psi. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range 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.

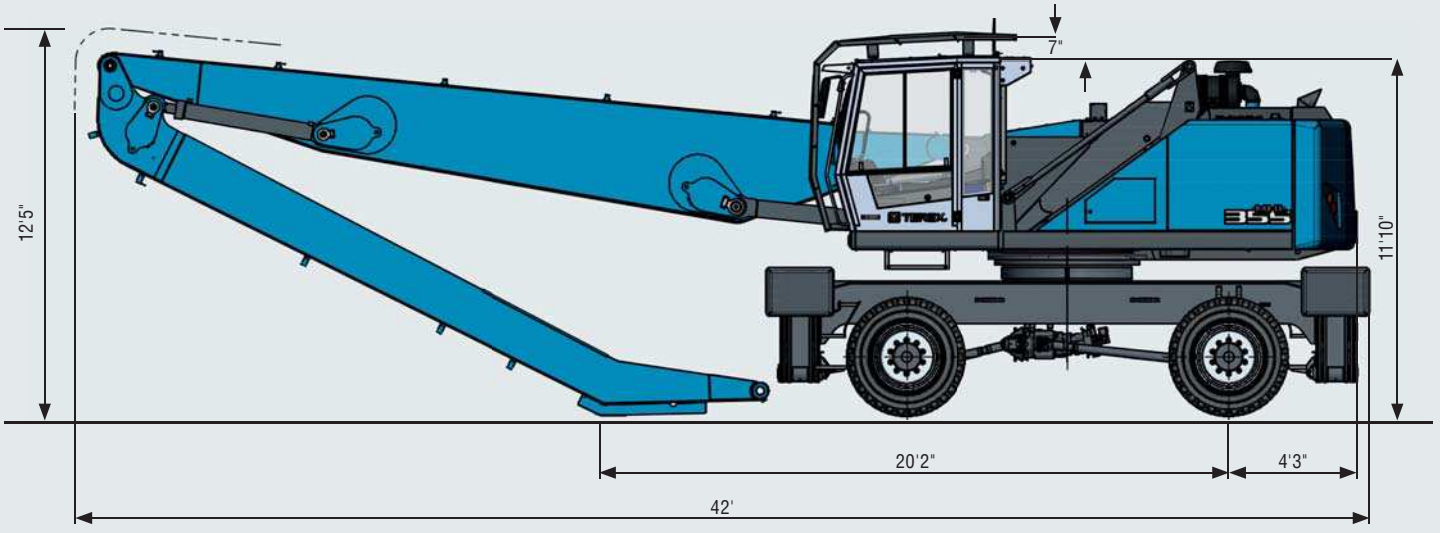
LIFTING CAPACITY

Height [ft]	Undercarriage outrigger	Reach [ft]						
		15	20	25	30	35	40	45
50	4-point supported		10,260° (10,260°)					
45	4-point supported			11,990° (11,990°)				
40	4-point supported			14,920°(14,920°)	12,280°(12,280°)	7,480° (7,480°)		
35	4-point supported			16,900° (16,900°)	14,660° (14,660°)	11,880° (11,880°)	5,870° (5,870°)	
30	4-point supported			17,190° (17,190°)	14,800° (14,800°)	13,000° (13,000°)	10,390° (10,390°)	
25	4-point supported		21,690° (21,690°)	17,900° (17,900°)	15,180° (15,180°)	13,180° (13,180°)	10,830° (11,590°)	6,650° (6,650°)
20	4-point supported	30,170° (30,170°)	23,810° (23,810°)	18,910° (18,910°)	15,720° (15,720°)	13,220° (13,220°)	10,640° (11,670°)	8,690 (9,760°)
15	4-point supported	37,680° (37,680°)	26,030° (26,030°)	20,010° (20,010°)	16,280° (16,280°)	12,850° (13,700°)	10,390 (11,740°)	8,570 (10,050°)
10	4-point supported		27,580° (27,580°)	20,640° (20,640°)	15,670° (16,660°)	12,420° (13,830°)	10,120 (11,680°)	8,420 (9,850°)
5	4-point supported		16,890° (16,890°)	19,660° (20,870°)	15,060° (16,640°)	12,030 (13,680°)	9,880 (11,410°)	8,290 (9,420°)
0	4-point supported		13,590° (13,590°)	19,030° (19,090°)	14,620 (16,020°)	11,740 (13,120°)	9,700 (10,800°)	8,200° (8,630°)
–5	4-point supported		13,740° (13,740°)	17,940° (17,940°)	14,380 (14,670°)	11,570 (12,000°)	9,600° (9,600°)	
								Max. reach 48'2"
8.2	4-point supported							5,760° (5,760°)

DIMENSIONS MHL355 F



TRANSPORT DIMENSIONS MHL355 F



WORKING RANGE

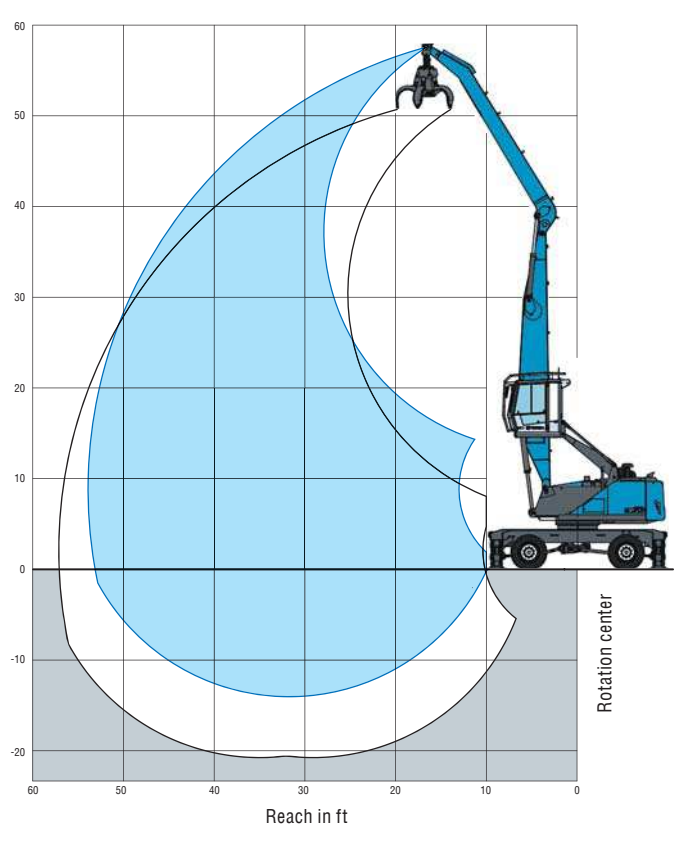
REACH 52'5" WITH DIPPER STICK

Loading equipment	Boom 27'10"
	Dipper stick 23'7"
	Multi-tine grapple

RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.78 yd³	Open or half-closed
Fuchs magnet plate MP 1150	dia = 45" with 17.4 hp (13 kW) magnet system
Clamshell grab 1.30 yd³	Density of materials handled up to 49.9 lbs/ft³

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	50
55	4-point supported		9,360° (9,360°)						
50	4-point supported			10,310° (10,310°)	7,380° (7,380°)				
45	4-point supported				10,380° (10,380°)	7,720° (7,720°)			
40	4-point supported				11,940° (11,940°)	10,150° (10,150°)	7,230° (7,230°)		
35	4-point supported				13,110° (13,110°)	11,770° (11,770°)	9,570° (9,570°)	5,830° (5,830°)	
30	4-point supported				13,810° (13,810°)	12,410° (12,410°)	11,250° (11,250°)	8,290° (8,290°)	
25	4-point supported			16,040° (16,040°)	14,250° (14,250°)	12,660° (12,660°)	11,370° (11,370°)	9,500 (10,100°)	6,330° (6,330°)
20	4-point supported			17,370° (17,370°)	14,890° (14,890°)	13,030° (13,030°)	11,390 (11,560°)	9,350 (10,330°)	7,790 (8,360°)
15	4-point supported	22,280° (22,280°)	23,410° (23,410°)	18,730° (18,730°)	15,650° (15,650°)	13,460° (13,460°)	11,080 (11,770°)	9,150 (10,390°)	7,680° (9,120°)
10	4-point supported	37,430° (37,430°)	26,000° (26,000°)	20,050° (20,050°)	16,370° (16,370°)	13,180 (13,830°)	10,730 (11,930°)	8,930 (10,390°)	7,550° (8,980°) 10
5	4-point supported	11,850° (11,850°)	27,660° (27,660°)	20,850° (20,850°)	15,906 (16,840°)	12,670 (14,040°)	10,400 (11,950°)	8,710 (10,260°)	7,420 (8,700°)
0	4-point supported	8,450° (8,450°)	20,370° (20,370°)	19,830 (21,060°)	15,240 (16,860°)	12,240 (13,940°)	10,110 (11,740°)	8,530 (9,920°)	7,320 (8,170°)
–5	4-point supported	8,610° (8,610°)	15,840° (15,840°)	19,180 (20,230°)	14,780 (16,280°)	11,920 (13,410°)	9,890 (11,180°)	8,400 (9,250°)	7,250° (7,250°)
–10	4-point supported		15,060° (15,060°)	18,390° (18,390°)	14,530 (14,970°)	11,730 (12,330°)	9,780 (10,130°)	8,100° (8,100°)	
									Max. reach 52'9"
8.2	4-point supported								4,360° (4,360°)

MODULAR SYSTEM

Attachments

Furthermore:
Timber grapple
Scrap shears
Magnet plate
Load hook

Multi-tine grapple

Sorting grapple

Clamshell grab

Work equipment

Work equipment straight

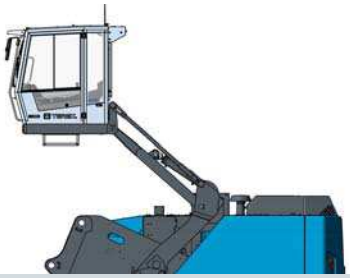
Work equipment with multipurpose stick

Work equipment with banana boom

Uppercarriage MHL360

Cab system hydraulically adjustable

Viewing height: max. 18'4"



Engine

Diesel engine

Electric motor

Options

Cable reel

Cable drum

Power Pack

Undercarriage

Pylon
up to max. 2'6"

Pylon
up to max. 4'6"

Pylon
up to max. 2'6"

Pylon
up to max. 12'1"

Pylon
up to max. 12'1"

Mobile: Standard-undercarriage

Mobile special: For extended undercarriage

Crawler: Standard-undercarriage

Crawler: XL-undercarriage

Pedestal undercarriage

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

Courtesy of Crane.Market