US

Material Handler | F-Series





max. 45'





TECHNICAL DATA

OPERATING WEIGHT WITHOUT ATTACHMENTS

 MHL340 F
 62,611-67,461 lbs

 MHL340 F FQC
 63,052-65,697 lbs

DIESEL ENGINE

	U.S. Tier 4 / EU Stage V	U.S. Tier 3 / EU Stage IIIA*
Manufacturer and model	Deutz 6.1 L6	Deutz TCD2012 L06 2V
Design	6-cylinder inline	6-cylinder inline
Functionality	4-cycle diesel, common rail direct injection, turbocharged with intercooler, controlled exhaust gas recirculation, diesel particulate filter with continuous regeneration and SCR catalytic converter	4-cycle diesel, common rail direct injection, turbocharged with intercooler
Engine power	173 hp (129 kW)	171 hp (128 kW)
Rated speed	2000 rpm	2000 rpm
Displacement	372 cui	372 cui
Cooling system	Water and charge air cooling with temperature controlled fan speed	Water and charge air cooling with temperature controlled fan speed
Exhaust emission standard	U.S. Tier 4 / EU Stage V	U.S. Tier 3 / EU Stage IIIA*
Fuel tank	89 gal Diesel	89 gal Diesel
DEF / Urea tank	8.5 gal	

ELECTRIC MOTOR

 Power
 110 kW

 Total connected load
 143 kW

 Motor start
 Via soft start

 Optional cable reel
 Up to 164 ft (other lengths on request)

ELECTRICAL SYSTEM

Alternator	28 V / 100 A
Operating voltage	24 V
Battery	$2\times12V/110Ah/750A$ (in accordance with EN standards)
Lighting set	$2\times LED$ headlamps, turn indicators and tail lights
Optional equipment	13 kW or 17 kW DC generator with controls and insulation monitoring

TRAVEL DRIVE

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
 3.1 mph

 Travel speed 2nd gear
 11,2 mph

 Gradeability
 max. 40%

 Turning radius
 27'9"

SLEWING DRIVE

Slewing ring	Internally geared, double-row ball turning ring		
Drive	2-stage planetary gear with integrated multi-disc brake		
Uppercarriage swing speed	0-7.5 rpm variable		
Slewing lock	Electrically operated		

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
Outrigger	4-point stabilizer system
Tires	10.00–20 solid rubber with intermediate rings 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, action on both front and rear axles	

HYDRAULIC SYSTEM

Pump delivery rate	max. 2 × 87 gal/min
Operating pressure	max. 4641 / 5221 psi
Hydraulic oil tank	98,2 gal

OPERATOR CAB	
Cab	Infinitely variable hydraulic height-adjustment with eye level up to 18'4" above ground. Sound-deadened, ample thermal panoramic glass windows,
	windshield with pulldown sunblind, viewing window on cab roof, sliding window in cab door, sliding door
Climate control	Automatic air-conditioning. Infinitely variable heating with 8-speed fan, 10 adjustable air nozzles, including 4 in the roof lining, 3 defroster nozzles
Operator's seat	Air-sprung comfort seat with integrated headrest, safety belt, and lower lumbar support, optional seat heating. Allows comfortable working by offering universal adjustment possibilities of the seat position, the seat incline, and the position of the seat cushion in relation to the armrests and joysticks
Monitoring	Ergonomic layout, anti-glare 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), diesel particulate filter load, visual and audible warning indication with shutdown of pilot controls/engine power reduction. Diagnosis of individual sensors possible via the multifunction display. Rear view camera and side view camera

e level	Sound power level (ambience) L _{WA} 99.5 dB(A) (metered) acc. to directive 2000/14/EG L _{WA} 101 dB(A) (guaranteed) acc. to directive 2000/14/EG	Sound power level (ambience) L_{WA} 101.7 dB(A) (metered) acc. to directive 2000/14/EG L_{WA} 102 dB(A) (guaranteed) acc. to directive 2000/14/EG
	Sound pressure level (inside the cabin) acc. to standard ISO 6396 $L_{_{\mathrm{DA}}}$ 75 dB(A)	Sound pressure level (inside the cabin) acc. to standard ISO 6396 $L_{_{OA}}$ 70 dB(A)

U.S. Tier 4 / EU Stage V

Vibrations	Weighted r.m.s. value of acceleration of upper limbs under 2.5 m/s² (98 in/s²)	
	Weighted effective value of acceleration for the seat and feet	

Certified in accordance with CE regulations

Noise

U.S. Tier 3 / EU Stage IIIA*

^{*} for low-regulated markets

EQUIPMENT

DIESEL ENGINE	Standard	Option
Intercooler and coolant radiator	•	
Direct electronic fuel injection / common rail	•	
Advanced automatic idle incl. engine shut-off function	•	
Engine preheating		•
Engine diagnostics interface	•	
Temperature-dependent fan drive	•	
UNDERCARRIAGE		
All-wheel drive	•	
Drum brakes	•	
Rear axle oscillating lock	•	
2-speed powershift transmission		•
4-point stabilizers	•	
Dozer blade in addition to 4-point stabilizers		•
Stabilizer cylinders with integrated two-way check valves	•	
Piston rod protection on stabilizer cylinders	•	
Tool box	•	
Special paint (customer paint work)		•
Solid rubber tires (10.00-20) with intermediate rings	•	
Solid rubber tires (12.00-20) with intermediate rings (FQC)	•	
UPPERCARRIAGE		
Separate cooling system for engine and hydraulic oil cooler	•	
Cooling system with temperature-dependent fan drive	•	
Fan drive reversing function		•
Automatic central lubrication system	•	
Rear view camera	•	
Side view camera	•	
Travel alarm		•
Electric refuelling pump		•
Lighting protection		•
Special paint (customer paint work)		•
CAD		
CAB	Standard	Optio
Hydraulically adjustable cab	•	
Safety glass	•	
Sliding window in cab door	•	_
Reinforced glass P5A (windscreen and roof panel)		•
Reinforced glass P5A (windscreen and roof panel) (FQC) Windshield washer system	•	
windamord washer system	_	

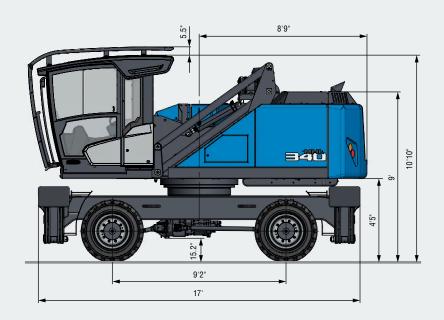
CAB	Standard	Option
Air-cushioned operator seat with headrest, seatbelt, and lumbar support	•	
Seat heating		•
Joystick steering	•	
Steering column, height and tilt adjustable		•
Automatic air conditioning system	•	
Independent heating system		•
Multi-function display	•	
Document net	•	
FOPS Guard		•
Front and FOPS Guard		•
12V transformer		•
Radio USB & Bluetooth (EU & USA)	•	
12V socket		•
Fire extinguisher, dry powder		•
Travel alarm w/ rotating beacon		•
OTHER EQUIPMENT 13 kW DC generator with controls		•
·		
17 kW DC generator with controls		•
Close proximity range limiter for dipper stick	•	
Coolant and hydraulic oil level monitoring system	•	
Filter system for attachments		•
Filter system for attachments (FQC)	•	
Hose rupture valves for boom cylinder		•
Hose rupture valves for stick cylinder		•
Overload warning device		•
Quick coupling on dipper stick	•	
Dipper stick impact protection		•
Active cyclone prefilter (TOP AIR)		•
Hydraulic oil preheating		•
Lubrication of the grab suspension by central lubrication system	•	
Light packages LED		•
LED front headlights	•	
LED working lights cabin roof front	•	
Boom cylinder damping system (piston accumulator)		•

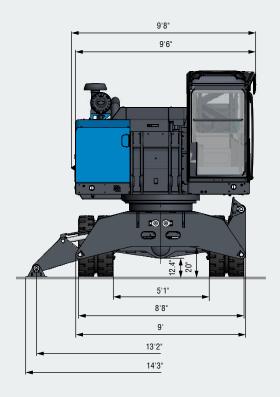
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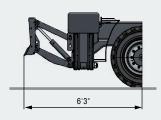
DIMENSIONS

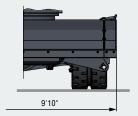
All dimensions in ft & in





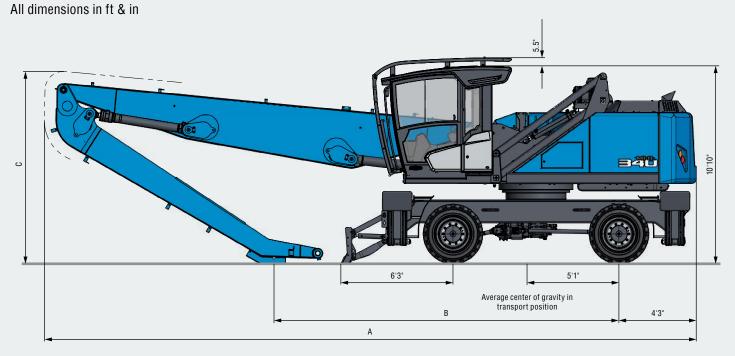
DOZER BLADE IN ADDITION TO 4-POINT STABILIZERS





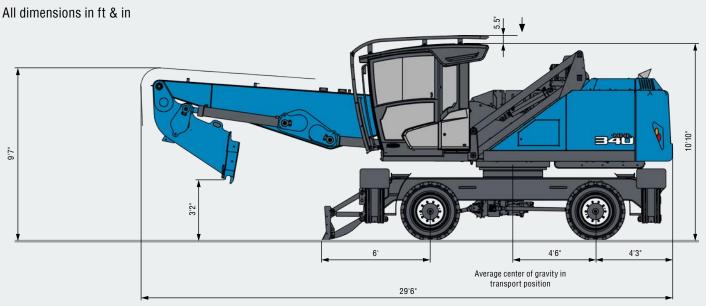
TRANSPORT DIMENSIONS

Loading system 41'4": undercarriage equipped with dozer blade, rotated by 180° $\,$



Dimensions	Reach 40' (multi-purpose stick)	Reach 41'4"	Reach 45'
A	36'8"	36'1"	36'1"
В	19'7"	19'1"	15'8"
С	10'2"	10'7"	10'1"

TRANSPORT DIMENSIONS MHL340 FQC

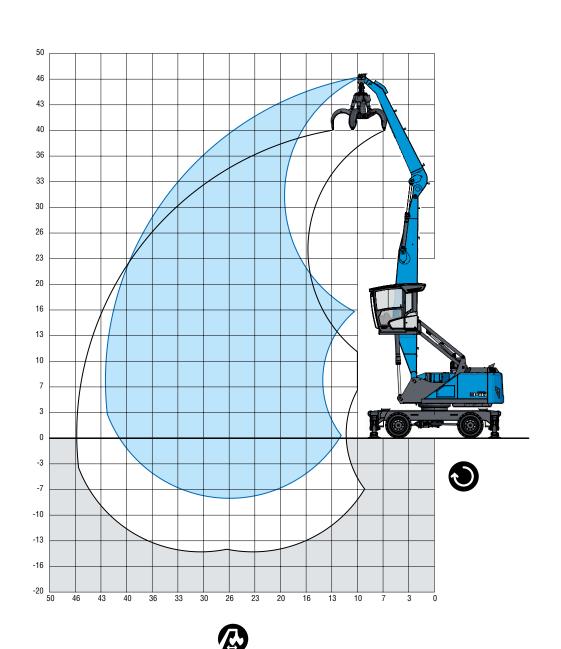


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42' WITH DIPPER STICK



 Boom
 23'6"

 Dipper stick
 16'7"

 Cactus grab (open)
 0.78 yd3

RECOMMENDED ATTACHMENTS

Recommended attachments upon request

LIFTING CAPACITY

	•			(E	•		
		15 ft	20 ft	25 ft	30 ft	35 ft	40 ft
45 ft	™ο " ο"	(14,000°)					
4011	ro ≖ oı	14,000° (14,000°)					
40 ft	™o™o™		(14,600°)	(10,400°)			
4011	ro _ oı		14,600° (14,600°)	10,400° (10,400°)			
35 ft	™o ™ o™		(16,500°)	(12,500)	(9,100)		
3311	to <u>_</u> oJ		16,500° (16,500°)	14,500° (14,500°)	10,400° (10,400°)		
30 ft	™ο ™ ο [†]		(17,700°)	(12,600)	(9,300)	(7,000)	
3011	ro − o1		17,700° (17,700°)	16,600° (16,600°)	14,000° (14,000°)	9,600° (9,600°)	
25 ft	™o ™ o™		(17,700)	(12,400)	(9,200)	(7,000)	
2011	to <u>_</u> oJ		19,300° (19,300°)	16,900° (16,900°)	13,900 (14,700°)	10,800 (12,500°)	
20 ft	™o - o	(20,600°)	(17,000)	(11,900)	(8,900)	(6,900)	(5,500)
	to <u>_</u> oJ	20,600° (20,600°)	21,300° (21,300°)	17,600° (17,600°)	13,600 (15,000°)	10,700 (12,900°)	8,200 (9,200°)
15 ft	10 <u>-0</u> 1	(24,900)	(15,900)	(11,300)	(8,600)	(6,700)	(5,400)
1011	lo <u>_</u> oJ	31,200° (31,200°)	23,000° (23,000°)	17,600 (18,400°)	13,300 (15,300°)	10,500 (13,000)	8,500 (10,500)
10 ft	¹o − o¹	(22,100)	(14,600)	(10,700)	(8,200)	(6,500)	(5,300)
1011	lo <u>_</u> oJ	34,800° (34,800°)	23,700 (24,500°)	16,900 (19,000°)	12,800 (15,500°)	10,200 (12,700)	8,400 (10,400)
5 ft	™o™o™	(12,000°)	(13,600)	(10,100)	(7,800)	(6,300)	(5,200)
JIL	ro ≖ on	12,000° (12,000°)	22,500 (24,900°)	16,200 (19,100)	12,500 (15,300°)	10,000 (12,500)	8,300 (10,000°)
0 ft	"o " o"	(10,600°)	(13,000)	(9,600)	(7,600)	(6,200)	(5,100)
UIL	ro ≖ oı	10,600° (10,600°)	21,800 (23,400°)	15,700 (18,200°)	12,200 (14,500°)	9,800 (11,600°)	8,200 (8,700°)
-5 ft	το στ		(12,700)	(9,400)	(7,400)	(6,100)	
-511	ര്ത		20,000° (20,000°)	15,500 (16,100°)	12,000 (12,800°)	9,800 (9,900°)	
							max. reach 42'
6,2 ft	"σ"σ "				<u> </u>		(4,800)
U,Z II	ro ≖ on						7,100° (7,100°)



Important notes regarding the load capacities

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.



Reach



gine wer Service weight without attachments



Center of rotation



Undercarriage

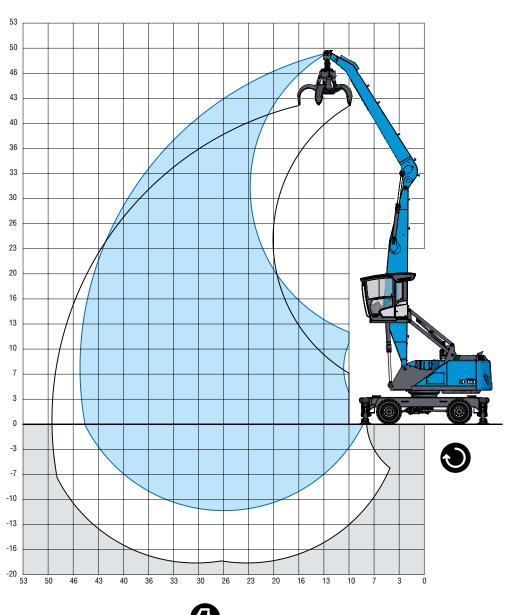


4-point supported





45' WITH DIPPER STICK



Boom	23'6"
Dipper stick	20'3"
Cactus grab (open)	0.78 yd^3

RECOMMENDED ATTACHMENTS

Recommended attachments upon request

LIFTING CAPACITY

		15 ft	20 ft	25 ft	30 ft	35 ft	40 ft	45 ft
45 ft	το"σ τ		(9,900°)					
43 11	ര_ഖ		9,900° (9,900°)					
40 ft	™o ™ o™			(10,200°)	(6,700°)			
	ര_ ല			10,200° (10,200°)	6,700° (6,700°)			
35 ft	™o ™ o™			(12,000°)	(9,500)	(6,100°)		
33 11	to <u>_</u> oJ			12,000° (12,000°)	9,900° (9,900°)	6,100° (6,100°)		
30 ft	™0 [™] 0			(13,000)	(9,600)	(7,200)		
	ര_ ല			13,300° (13,300°)	11,800° (11,800°)	10,300° (10,300°)		
25 ft	™0 ™ 0™			(12,800)	(9,400)	(7,200)	(5,600)	
2011	ര <u>_</u> ല			14,700° (14,700°)	13,500° (13,500°)	11,000 (11,200°)	8,100° (8,100°)	
20 ft	™0 [™] 0		(16,700°)	(12,400)	(9,100)	(7,000)	(5,500)	
	ശ <u>_</u> വ		16,700° (16,700°)	16,100° (16,100°)	13,900° (14,000°)	10,800 (12,300°)	8,600 (10,400°)	
15 ft	™0 ™ 01	(19,500°)	(16,700)	(11,700)	(8,700)	(6,800)	(5,400)	(4,300)
1011	ര_ മ	19,500° (19,500°)	20,900° (20,900°)	17,100° (17,100°)	13,500 (14,400°)	10,500 (12,400°)	8,500 (10,500)	5,200° (5,200°)
10 ft	™ ⊙™	(23,800)	(15,300)	(10,900)	(8,200)	(6,500)	(5,200)	(4,200)
	ര_ മ	31,700° (31,700°)	22,900° (22,900°)	17,200 (18,000°)	12,900 (14,900°)	10,200 (12,500°)	8,300 (10,300)	6,500° (6,500°)
5 ft	™o ™ o™	(20,900)	(13,900)	(10,100)	(7,800)	(6,200)	(5,000)	(4,200)
JII	ര_ ല	32,100° (32,100°)	22,900 (24,200°)	16,300 (18,600°)	12,400 (15,000°)	9,900 (12,400)	8,100 (10,100)	6,700° (6,700°)
0 ft	™o ™ o™	(15,000°)	(12,800)	(9,500)	(7,400)	(5,900)	(4,900)	(4,100)
U 11	ര <u>_</u> ല	15,000° (15,000°)	21,700 (24,000°)	15,600 (18,400°)	12,000 (14,700°)	9,600 (12,000°)	8,000 (9,600°)	5,600° (5,600°)
-5 ft	TO [™] O [™]	(13,300°)	(12,300)	(9,100)	(7,100)	(5,800)	(4,800)	
J 11	ര_ ല	13,300° (13,300°)	21,000 (22,000°)	15,100 (17,100°)	11,700 (13,600°)	9,500 (10,900°)	7,900 (8,300°)	
–10 ft	To [™] o [™]		(12,100)	(8,900)	(7,000)			
-1011	ര <u>_</u> ല		18,300° (18,300°)	14,600° (14,600°)	11,600° (11,600°)			
								max. reach 45'
0 44	™ο - οτ							(4,100)
8 ft	ര=്ത							5.100° (5.100°)

5,100° (5,100°) ര_ഖ



Important notes regarding the load capacities

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.







Service weight without attachments



Center of rotation





Undercarriage

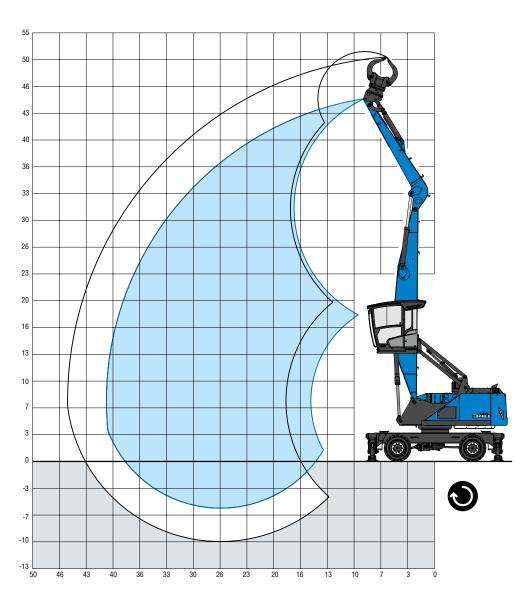


4-point supported





40' MULTI-PURPOSE STICK



Boom 23'6"
Multi-purpose stick 14'8"

Sorting grab

RECOMMENDED ATTACHMENTS

Recommended attachments upon request

LIFTING CAPACITY

	a			(E			
		15 ft	20 ft	25 ft	30 ft	35 ft	40 ft
40 ft	"o [™] o"	(17,600°)	(13,700°)				
40 11	to <u>_</u> oJ	17,600° (17,600°)	13,700° (13,700°)				
35 ft	"o " o"		(17,100)	(11,600)			
33 11	to <u>−</u> or		17,300° (17,300°)	14,100° (14,100°)			
30 ft	"o " o"		(17,100)	(11,700)	(8,500)		
30 11	ര _ വ		19,300° (19,300°)	16,600° (16,600°)	13,200 (13,400°)		
25 ft	"ວ " ວ"		(16,700)	(11,500)	(8,400)	(6,300)	
2311	™ 01		20,300° (20,300°)	16,800° (16,800°)	13,100 (14,300°)	10,000 (10,700°)	
20 ft	"o " o"	(25,600)	(15,900)	(11,000)	(8,200)	(6,200)	
2011	ര <u>_</u> ല	26,000° (26,000°)	21,500° (21,500°)	17,300° (17,300°)	12,900 (14,500°)	10,000 (12,300°)	
15 ft	"o " o"	(23,200)	(14,800)	(10,500)	(7,800)	(6,000)	(4,700)
13 11	to <u>_</u> oJ	32,100° (32,100°)	23,000° (23,000°)	16,700 (18,000°)	12,500 (14,700°)	9,800 (12,200°)	6,800° (6,800°)
10 ft	"o " o"		(13,600)	(8,900)	(7,500)	(5,800)	(4,700)
10 11	ര <u>−</u> വ		22,600 (24,000°)	16,000 (18,400°)	12,100 (14,700°)	9,600 (12,000°)	7,800 (9,300°)
5 ft	™o ™ o™		(12,600)	(9,300)	(7,100)	(5,700)	(4,600)
311	ര <u>−</u> വ		21,500 (23,600°)	15,300 (18,000°)	11,700 (14,300°)	9,400 (11,400°)	7,700 (8,300°)
O ft	"o " o"	(9,100°)	(12,100)	(8,900)	(6,900)	(5,500)	
UIL	to <u>≖</u> or	9,100° (9,100°)	20,900 (21,200°)	14,900 (16,600°)	11,500 (13,100°)	9,200 (10,100°)	
−5 ft	"o " o"			(8,700)	(6,800)		
-511	ര _ വ			14,000° (14,000°)	11,000° (11,000°)		
							max. reach 40'1"
8 ft	"o " o"						(4,500)
O IL	™ 0						7,500° (7,500°)



Important notes regarding the load capacities

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Reach



Engine



Service weight without attachments



Center of rotation









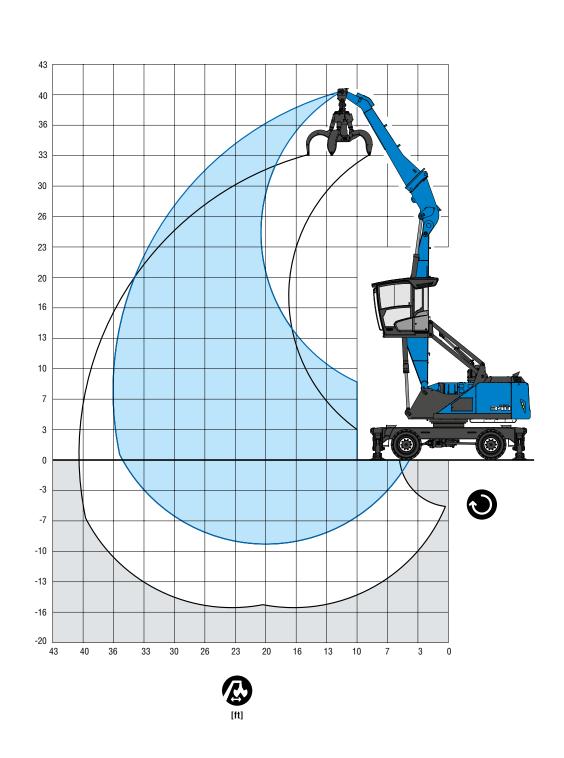
4-point supported

11





36'1" WITH DIPPER STICK



Boom 17'1"

Dipper stick 17'7"

Cactus grab (open with Fuchs QuickConnect (FQC)) 0.78 yd3

RECOMMENDED ATTACHMENTS

Recommended attachments upon request

LIFTING CAPACITY

				1	9		
		10 ft	15 ft	20 ft	25 ft	30 ft	35 ft
35 ft	"o " o"			(11,000°)			
ออ II	lo <u>_</u> oJ			11,000° (11,000°)			
30 ft	™o [™] o™			(14,600°)	(10,800°)		
30 11	ര_ഖ			14,600° (14,600°)	10,800° (10,800°)		
25 ft	"o [™] o"				(11,500)	(8,200)	
2311	to <u>≖</u> or				13,900° (13,900°)	8,800° (8,800°)	
20 ft	"o [™] o"			(17,000)	(11,500)	(8,200)	
2011	ര_ഖ			17,600° (17,600°)	16,100° (16,100°)	12,100° (12,100°)	
15 ft	™o ™ o™			(16,100)	(11,000)	(7,900)	(5,700)
10 11	to <u>_</u> oJ			19,800° (19,800°)	17,000° (17,000°)	12,600 (14,800°)	7,300° (7,300°)
10 ft	"o " o"		(24,500)	(15,000)	(10,400)	(7,500)	(5,700)
10 11	™ o		26,000° (26,000°)	22,000° (22,000°)	16,500 (17,900°)	12,100 (15,000°)	9,300° (9,300°)
5 ft	"o " o"	(43,200)	(21,400)	(13,700)	(9,500)	(7,100)	(5,500)
311	to <u>_</u> oJ	56,200° (56,200°)	33,300° (33,300°)	22,700 (24,000°)	15,700 (18,700°)	11,700 (14,800°)	9,000 (11,500°)
0 ft	"o " o"	(17,000°)	(19,200)	(12,600)	(9,000)	(6,800)	(5,500)
UIL	lo <u>_</u> oJ	17,000° (17,000°)	34,800° (34,800°)	21,200 (24,300°)	15,000 (18,300°)	11,200 (14,100°)	8,600 (8,600°)
–5 ft	™o™o*	(15,400°)	(18,100)	(11,900)	(8,600)	(6,600)	
-5 II	lo <u>≖</u> or	15,400° (15,400°)	31,500° (31,500°)	20,500 (22,300°)	14,600 (16,500°)	11,200 (11,900°)	
							max. reach 36'1
7,5 ft	"o " o"						(5,100°)
1,311	to <u>≖</u> oı						5,100° (5,100°)



Important notes regarding the load capacities

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.



Reach



Engine power



Service weight without attachments



Center of rotation





Undercarriage

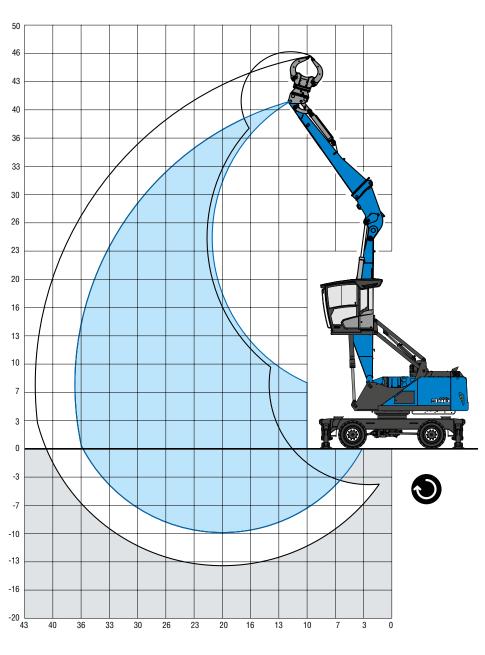


4-point supported





36'8" WITH MULTI-PURPOSE STICK



Boom 17'1"

Multi-purpose stick 18'4"

Sorting grab (with Fuchs QuickConnect (FQC))

RECOMMENDED ATTACHMENTS

Recommended attachments upon request

LIFTING CAPACITY

	a			4	•		
		10 ft	15 ft	20 ft	25 ft	30 ft	35 ft
35 ft	"o " o"			(11,000°)			
33 I I	to <u>_</u> oJ			11,000° (11,000°)			
30 ft	™o™o™				(10,600)		
3011	ro _ oı				10,600° (10,600°)		
25 ft	"o " o"				(11,200)	(7,700)	
2311	to <u>_</u> oJ				13,000° (13,000°)	8,800° (8,800°)	
20 ft	10 <u>0</u> 01				(11,000)	(7,700)	(4,400)
2011	ro _ oı				15,000° (15,000°)	11,700° (11,700°)	4,400° (4,400°)
15 ft	¹o = o¹			(15,900)	(10,600)	(7,500)	(5,500)
1011	to <u>_</u> oJ			18,500° (18,500°)	16,100° (16,100°)	12,100 (13,900°)	7,500° (7,500°)
10 ft	"o " o"		(22,500°)	(14,800)	(9,900)	(7,100)	(5,300)
1011	to <u>_</u> oJ		22,500° (22,500°)	20,700° (20,700°)	16,100 (17,000°)	11,700 (14,100°)	8,800° (9,300°)
5 ft	10 - 01	(44,100)	(21,400)	(13,200)	(9,300)	(6,600)	(5,100)
311	lo <u>_</u> oJ	53,600° (53,600°)	31,700° (31,700°)	22,300° (22,700°)	15,400 (17,600°)	11,200 (14,100°)	8,600° (10,100°)
0 ft	"o " o"	(17,900°)	(18,700)	(12,100)	(8,600)	(6,400)	(4,900)
011	ro _ oı	17,900° (17,900°)	34,000° (34,000°)	20,900 (23,400°)	14,600 (17,600°)	10,800 (13,400°)	8,600° (9,300°)
−5 ft	"⊙ " ⊙"	(15,000°)	(17,400)	(11,200)	(8,200)	(6,000)	
-J II	to <u>≖</u> oı	15,000° (15,000°)	31,300° (31,300°)	20,100 (21,800°)	14,100 (16,100°)	10,600 (11,700°)	
							max. reach 36'9
7,5 ft	"o " o"				<u> </u>		(4,200°)
7,511	ro ≖ oı						4,200° (4,200°)



Important notes regarding the load capacities

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.



Reach



Engine



Service weight without attachments



Center of rotation



Height



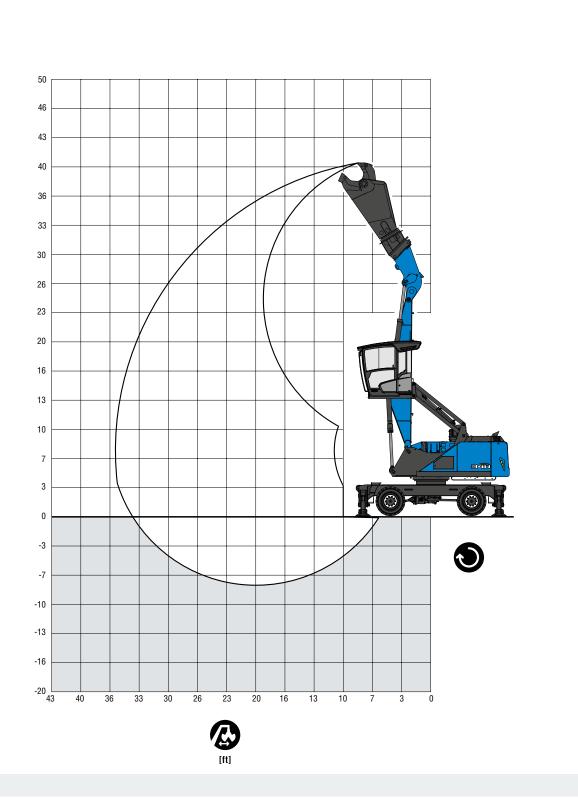


4-point supported





36'9" WITH SCRAP SHEARS



QuickConnect Systems

LOADING EQUIPMENT

Boom 17'

Scrap shears GXP 300 with Fuchs QuickConnect (FQC)

The unique QuickConnect system

 $\label{thm:continuity} \mbox{Time is money} - \mbox{and with the QuickConnect systems, you can reduce attachment-change downtime to a fraction of the usual cost.}$

For example, in less than a minute you can switch from a multi-purpose stick / grab combination to a dipper stick 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.







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