

TECHNICAL DATA AND INFORMATION

MHL340D **SCRAP RECYCLING MACHINE WITH QUICK CONNECT**

 128 kW/171 hp

 27.5 - 31.2 t

 up to 13.7 m



TECHNICAL DATA MHL340 D/MHL340 D FQC



OPERATING WEIGHT WITHOUT ATTACHMENTS

MHL340 D FQC

27.5 - 29 t

27.5 - 31.2 t



DIESEL ENGINE

MANUFACTURER AND MODEL	Deutz TCD 2012 L06 2V
DESIGN	6-cylinder inline
CONTROL SYSTEM	EMR III
TYPE	4-stroke diesel, common rail direct injection, turbo-charger with intercooling
ENGINE OUTPUT	128 kW/171 hp
NOMINAL SPEED	2000 min ⁻¹
DISPLACEMENT	6.0 l
COOLING SYSTEM	Liquid intercooling with temperature-controlled fan speed
EMISSION STANDARDS	COM III and EPA Tier III
AIR FILTER DESIGN	Two-stage filter with safety valve
USEFUL FUEL TANK CAPACITY	370 l



ELECTRICAL SYSTEM

OPERATING VOLTAGE	24 V
BATTERY	2 x 12 V / 100 Ah / 760 A (in accordance with EN)
LIGHTING SET	1 x H3 floodlight on upper carriage, 1 x H3 floodlight on cab floor, turn signal and rear sidemarker lamps
OPTION	13 kW d.c. generator with control, driven by V-belt direct from diesel engine



TRAVEL DRIVE

	Hydrostatic drive through infinitely variable axial piston motor, directly mounted travel brake valves, two-speed shift gear, all-wheel drive
TRAVEL SPEED, 1st GEAR	max. 5 km/h (3.1 mph)
TRAVEL SPEED, 2nd GEAR	max. 20 km/h (12.4 mph)
GRADEABILITY	max. 45%
TURNING RADIUS	8.2 m



SWING SYSTEM

RING GEAR	Internally toothed ball ring gear (double row)
DRIVE	3-stage planetary gear with integrated multi-disc brake
UPPER CARRIAGE SWING SPEED	Infinitely variable from 0 - 8 min ⁻¹
PIVOT BRAKE	Electrically operated



UNDERCARRIAGE

MHL340 D FQC

FRONT AXLE	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 27°	
REAR AXLE	Oscillating planetary drive rear axle with integrated drum brake and selectable oscillating axle lock	
STABILIZERS	4-point stabilizers	
TIRES	Solid rubber elastic, 8-fold 10.00 - 20	Solid rubber elastic, 8-fold 12.00 - 20



BRAKE SYSTEM

SERVICE BRAKE	Hydraulic single-circuit braking system acting on all four wheel pairs
PARKING BRAKE	Electrically operated disc brake at transmission, acting on both front and rear axle



HYDRAULIC SYSTEM

	LINDE mobile hydraulic system with load limit control and fuel-saving power demand control. Separate oil cooler, temperature-controlled fan speed. Hydraulic oil filter: filter elements integrated in the oil tank; maintenance interval: 3000 operating hrs. Central lubrication system. Optional tool filter system (standard for FQC)
MAX. PUMP CAPACITY	2 x 320 l/min
MAX. OPERATING PRESSURE	325/ 355 bar
HYDRAULIC OIL TANK	354 l



OPERATOR'S CAB

	Elastically supported, infinitely variable hydraulically height-adjustable with max. eye level of 5.40 m. Sound-deadened, heat-insulated panoramic windows for optimum all-around view, windshield with pull-down sunblind that slides under cab roof, sliding window in cab door, steering column height and tilt adjustable.
HEATING	Infinitely variable hot water heating with 3-speed fan, 4 adjustable defroster nozzles
OPERATOR'S SEAT	Air-cushioned comfort-seat with integrated headrest, safety belt and lumbar support, seat heating with integrated a/c function optional. Seat position, seat inclination and relation of seat to armrests and pilot controls all multi-adjustable, allowing fatigue-free operation.
MONITORING	Ergonomic instrument layout, glare-free. Function monitoring; automatic monitoring, warning and storage of deviating operating conditions, e.g. filter pressure w. warning indicator and shutdown of pilot controls, warning indicator or shutdown of pilot controls if hydraulic oil temperature limits are exceeded. Diagnosis of individual sensors possible via the multi-function display.
AIRCONDITIONING	Automatic
SOUND POWER LEVEL	(guaranteed) in accordance with guideline 2000/14 EG LW(A) = 101 dB(A)

SAFETY INSTALLATIONS

	For crane operations in accordance with EN 474-5.
	Cab protection by close proximity range limiter.

OFFICIAL HOMOLOGATION

	Certification in accordance with CE regulations.
--	--



EQUIPMENT MHL340 D/MHL340 D FQC



 ENGINE	SERIES	OPTION
Exhaust gas turbocharger	•	
Intercooling	•	
Direct electronic fuel injection/ Common Rail	•	
Automatic idle	•	
Engine pre-heating		•
Interface for engine diagnosis	•	
Temperature-controlled fan drive	•	

 UNDERCARRIAGE	SERIES	OPTION
2-speed shift transmission	•	
2-speed power-shift transmission		•
4-point stabilizers	•	
4-point stabilizers, individually controllable		•
Stabilizer cylinders with integrated two-way check valves	•	
All-wheel drive	•	
Piston rod protection on stabilizer cylinders	•	
Stabilizer plates 500 x 350	•	
Rear axle oscillating lock	•	
Special paint		•
Drum brakes	•	
Tool box	•	

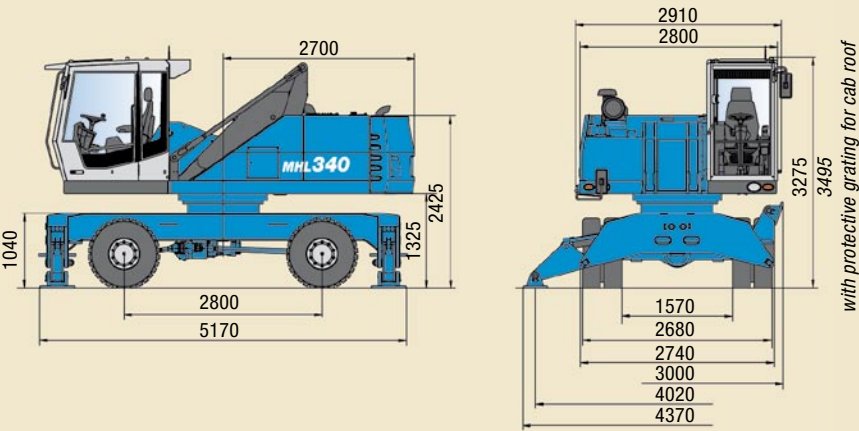
 UPPER CARRIAGE	SERIES	OPTION
Electric refuelling pump		•
Lighting protection		•
Maintenance hood, actuated by gas strut, with mechanical locking device	•	
Lockable cleaning access openings on radiator	•	
Separate radiator system for ambient temperatures up to 50°C	•	
Separate oil cooler w. temperature- controlled fan drive	•	
Automatic central lubrication system	•	
Special paint		•
Quick-drain valve for fuel tank (delivered in tool box)	•	
Quick-drain valve on hydraulic oil tank	•	
Quick-drain valve on radiator	•	
Quick-drain valve on engine oil-pan	•	
Reversible fan for radiator and hydraulic oil cooler		•

 CAB	SERIES	OPTION
Lift-up skylight in cab roof	•	
Air cushioned operator's seat with headrest, safety belt and lumbar-support	•	
FOPS protective grating		•
Front/roof protective grating		•
Hinged front windshield	•	
Front windows break-resistant (LEXAN)		•
Bullet-proof glass, front and top		•
Bullet-proof glass, front and top MHL340 D FQC	•	
Cab elevation system	•	
Air conditioning	•	
Steering column, height and tilt adjustable	•	
Multi-function display	•	
Fire extinguisher, dry powder		•
Pre-equipped for radio		•
Radio cassette		•
Radio / CD player		•
Rotating beacon		•
Sliding window in cab door	•	
Safety glass	•	
Seat heating with integrated a/c function		•
Engine-independent heating		•
Windscreen washer system	•	

 EQUIPMENT	SERIES	OPTION
Floodlights attached to cab floor	•	
Floodlights, mounted to superstructure	•	
Floodlight, stick mounted		•
Hydraulic oil preheating		•
Ball valves on stick		•
Close proximity range limiter for stick	•	
Coolant and hydraulic oil level monitoring system	•	
Hose rupture protection for lift cylinder		•
Hose rupture protection for stick cylinder		•
Stick shock protection	•	
Lubrication of grab suspension via central lubrication system	•	
Overload protection/shutdown		•
XENON floodlight on stick		•
XENON floodlight on superstructure		•
XENON floodlight on cab roof		•
Quick-connect coupling on stick	•	
Tool filter system		•
Tool filter system MHL340 D FQC	•	

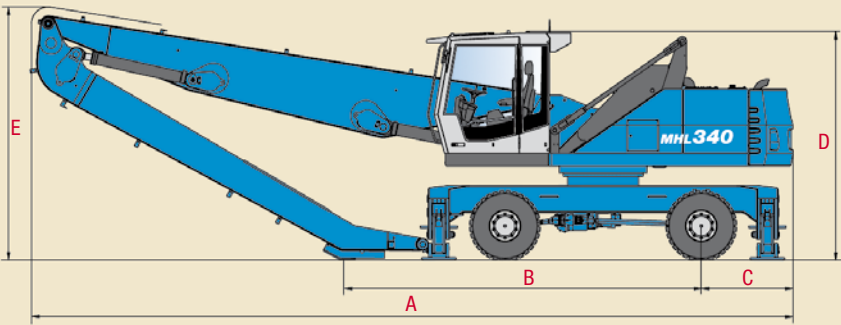
DIMENSIONS

MHL340 D



MHL340 D

Transport dimensions

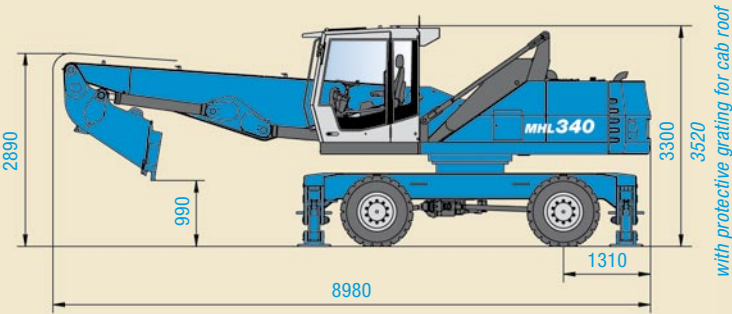


DIMENSIONS	REACH 12.2 m (MZS)	REACH 12.6 m	REACH 13.7 m
A	11.000 mm	10.935 mm	10.860 mm
B	5.750 mm	5.880 mm	4.950 mm
C	1.310 mm	1.310 mm	1.310 mm
D	3.300 mm / 3.520 mm*	3.300 mm / 3.520 mm*	3.300 mm / 3.520 mm*
E	3.100 mm mm	3.250 mm	3.600 mm

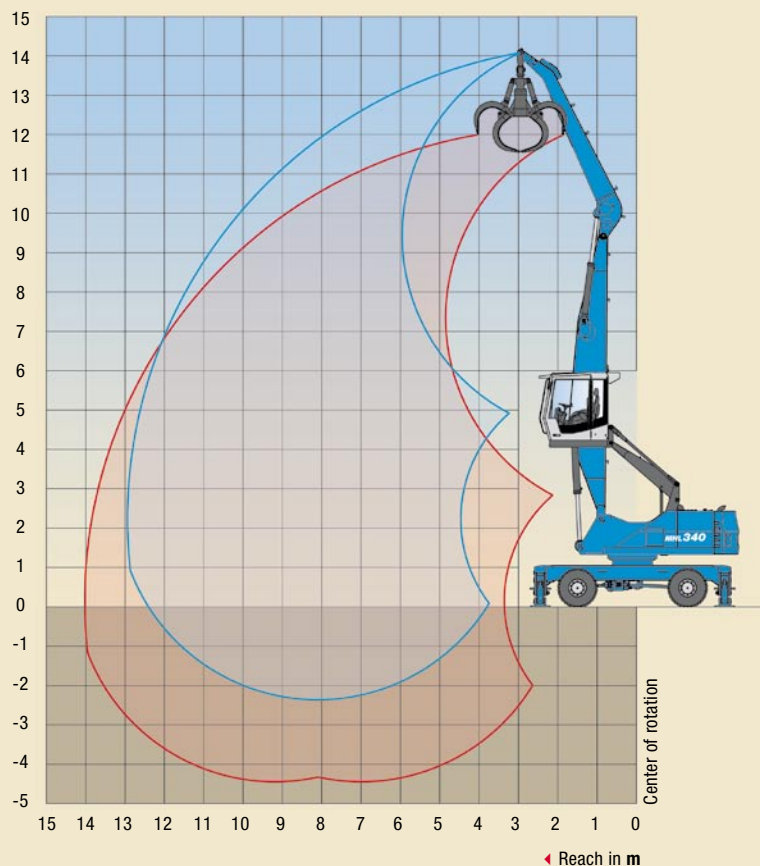
* with protective grating for cab roof

MHL340 D FQC

Transport dimensions



WORKING RANGES/LIFTING CAPACITIES MHL340 D



Reach 12.6 m with stick

Work equipment:

Box-type boom 7.2 m;

Stick 5.1 m

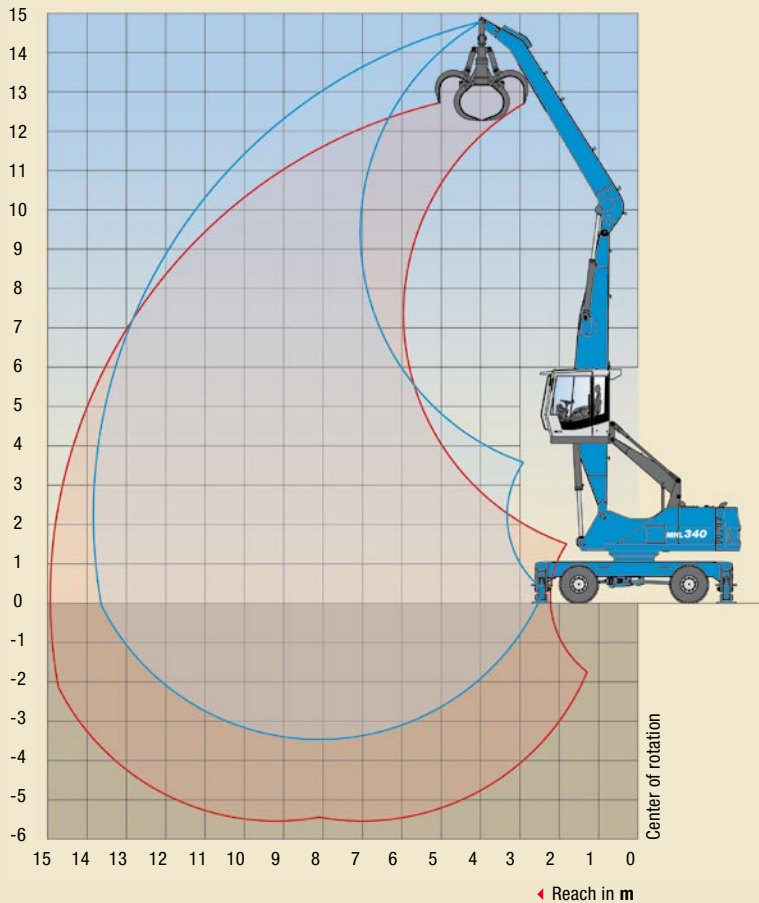
RECOMMENDED ATTACHMENTS

LIFT HOOKS	10 t
TEREX® FUCHS CACTUS GRAB 0.6 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 0.8 m³	Open or half-closed shells
TEREX® FUCHS MAGNETIC PLATE MP 1350	dia. = 1350 mm with magnet system 13 kW
CLAMSHELL GRAB 1.0 m³	Loose goods density up to 1.400 kg/m³
CLAMSHELL GRAB 1.4 m³	Loose goods density up to 800 kg/m³

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m					
		4.5	6	7.5	9	10.5	12
13.5	non supported	(7.2*)					
	4-pt. supported	7.2* (7.2*)					
12	non supported		(7.3)	(4.9)			
	4-pt. supported		7.7* (7.7*)	5.3* (5.3*)			
10.5	non supported		(7.5)	(5.1)	(3.7)		
	4-pt. supported		8.8* (8.8*)	7.6* (7.6*)	5.4* (5.4*)		
9	non supported		(7.5)	(5.2)	(3.8)	(2.8)	
	4-pt. supported		8.8* (8.8*)	7.5* (7.5*)	5.7 (6.6*)	4.4 (4.4*)	
7.5	non supported		(7.3)	(5.1)	(3.7)	(2.8)	
	4-pt. supported		9.0* (9.0*)	7.6* (7.6*)	5.7 (6.6*)	4.4 (5.4)	
6	non supported		(7.0)	(4.9)	(3.6)	(2.8)	(2.2)
	4-pt. supported		9.6* (9.6*)	7.5 (7.9*)	5.6 (6.7*)	4.3 (5.4)	3.5 (4.3*)
4.5	non supported	(10.3)	(6.5)	(4.6)	(3.5)	(2.7)	(2.1)
	4-pt. supported	14.0* (14.0*)	10.4* (10.4*)	7.2 (8.3*)	5.4 (6.7*)	4.2 (5.3)	3.4 (4.3)
3	non supported	(9.0)	(5.9)	(4.3)	(3.3)	(2.6)	(2.1)
	4-pt. supported	15.7* (15.7*)	9.7 (11.0*)	6.9 (8.6*)	5.2 (6.5)	4.1 (5.2)	3.4 (4.2)
1.5	non supported	(6.1*)	(5.5)	(4.0)	(3.1)	(2.5)	(2.0)
	4-pt. supported	6.1* (6.1*)	9.2 (11.2*)	6.6 (8.4)	5.0 (6.3)	4.0 (5.1)	3.3 (4.2)
0	non supported	(5.3*)	(5.2)	(3.8)	(3.0)	(2.4)	(2.0)
	4-pt. supported	5.3* (5.3*)	8.8 (10.6*)	6.3 (8.1*)	4.9 (6.2)	3.9 (4.9)	3.3 (3.9*)
-1.5	non supported		(5.0)	(3.7)	(2.9)	(2.4)	
	4-pt. supported		8.7 (9.1*)	6.2 (7.3*)	4.8 (5.8*)	3.9 (4.5*)	

Capacity values are stated in metric tons (t). The pump pressure is 355 bar (5149 psi). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked *). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook etc.) must be deducted from the capacity values. In accordance with CE guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

WORKING RANGES/LIFTING CAPACITIES MHL340D



Reach 13.7 m with stick

Work equipment:

Box-type boom 7.2 m;

Stick 6.2 m

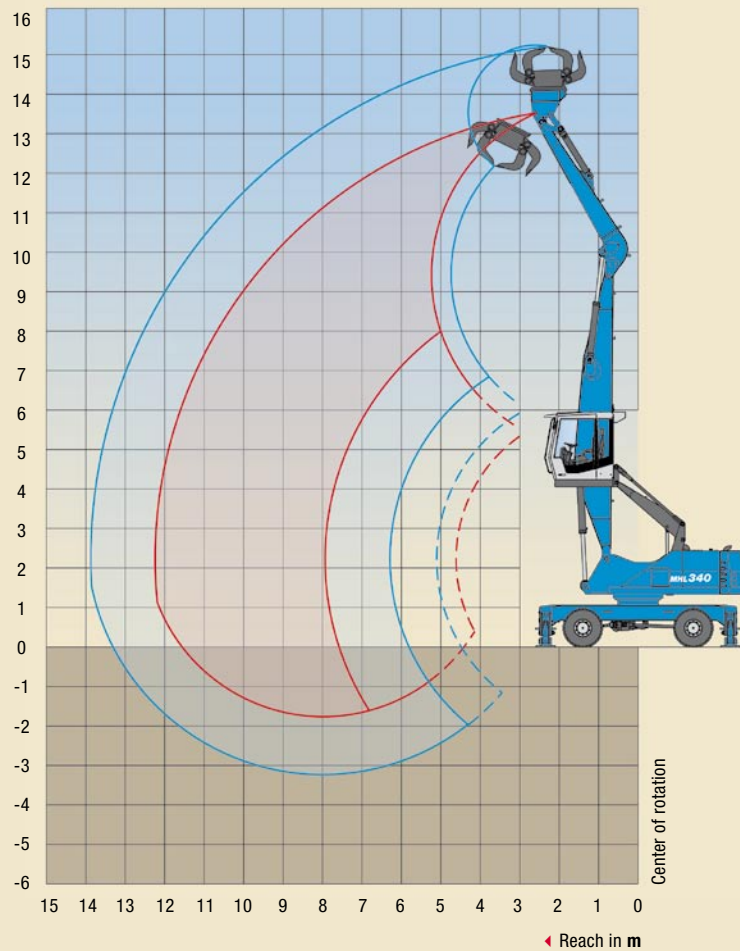
RECOMMENDED ATTACHMENTS

LIFT HOOKS	10 t
TEREX® FUCHS CACTUS GRAB 0.4 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 0.6 m³	Open or half-closed shells
TEREX® FUCHS MAGNETIC PLATE MP 1250	dia. = 1250 mm with magnet system 13 kW
CLAMSHELL GRAB 0.65 m³	Loose goods density up to 1.400 kg/m³
CLAMSHELL GRAB 1.0 m³	Loose goods density up to 800 kg/m³

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m							
		3	4.5	6	7.5	9	10.5	12	13.5
13.5	non supported			(5.2*)					
	4-pt. supported			5.2* (5.2*)					
12	non supported				(5.3)	(3.5*)			
	4-pt. supported				5.4* (5.4*)	3.5* (3.5*)			
10.5	non supported				(5.4)	(3.9)	(2.9)		
	4-pt. supported				6.4* (6.4*)	5.3* (5.3*)	3.2* (3.2*)		
9	non supported				(5.4)	(3.9)	(2.9)		
	4-pt. supported				6.8* (6.8*)	5.9 (6.1*)	4.5 (4.9*)		
7.5	non supported				(5.3)	(3.8)	(2.9)	(2.2)	
	4-pt. supported				6.9* (6.9*)	5.8 (6.1*)	4.5 (5.5*)	3.5 (3.8*)	
6	non supported			(7.4)	(5.1)	(3.7)	(2.8)	(2.2)	
	4-pt. supported			8.6* (8.6*)	7.3* (7.3*)	5.7 (6.3*)	4.4 (5.4)	3.5 (4.3)	
4.5	non supported			(6.9)	(4.8)	(3.5)	(2.7)	(2.1)	(1.7)
	4-pt. supported			9.4* (9.4*)	7.4 (7.7*)	5.5 (6.5*)	4.3 (5.3)	3.4 (4.3)	2.4* (2.4*)
3	non supported		(9.8)	(6.3)	(4.4)	(3.3)	(2.6)	(2.0)	(1.6)
	4-pt. supported		14.2* (14.2*)	10.1 (10.3*)	7.0 (8.1*)	5.3 (6.6*)	4.1 (5.2)	3.3 (4.2)	2.7 (3.1*)
1.5	non supported		(8.5)	(5.6)	(4.1)	(3.1)	(2.4)	(1.9)	(1.6)
	4-pt. supported		15.1 (15.6*)	9.4 (10.9*)	6.6 (8.4*)	5.0 (6.3)	4.0 (5.0)	3.2 (4.1)	2.7 (3.2*)
0	non supported	(3.1*)	(7.6*)	(5.1)	(3.8)	(2.9)	(2.3)	(1.9)	(1.6)
	4-pt. supported	3.1* (3.1*)	7.6* (7.6*)	8.8 (10.8*)	6.3 (8.1)	4.8 (6.1)	3.9 (4.9)	3.2 (4.0)	2.7 (2.8*)
-1.5	non supported		(6.7*)	(4.9)	(3.6)	(2.8)	(2.2)	(1.9)	
	4-pt. supported		6.7* (6.7*)	8.5 (10.0*)	6.1 (7.8*)	4.7 (6.0)	3.8 (4.8)	3.1 (3.8*)	
-3	non supported			(4.8)	(3.5)	(2.7)			
	4-pt. supported			8.4* (8.4*)	6.0 (6.7*)	4.6 (5.3*)			

Capacity values are stated in metric tons (t). The pump pressure is 355 bar (5149 psi). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked *). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook etc.) must be deducted from the capacity values. In accordance with CE guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

WORKING RANGES/LIFTING CAPACITIES MHL340D



**Reach 12.2 m
with multi-purpose stick**

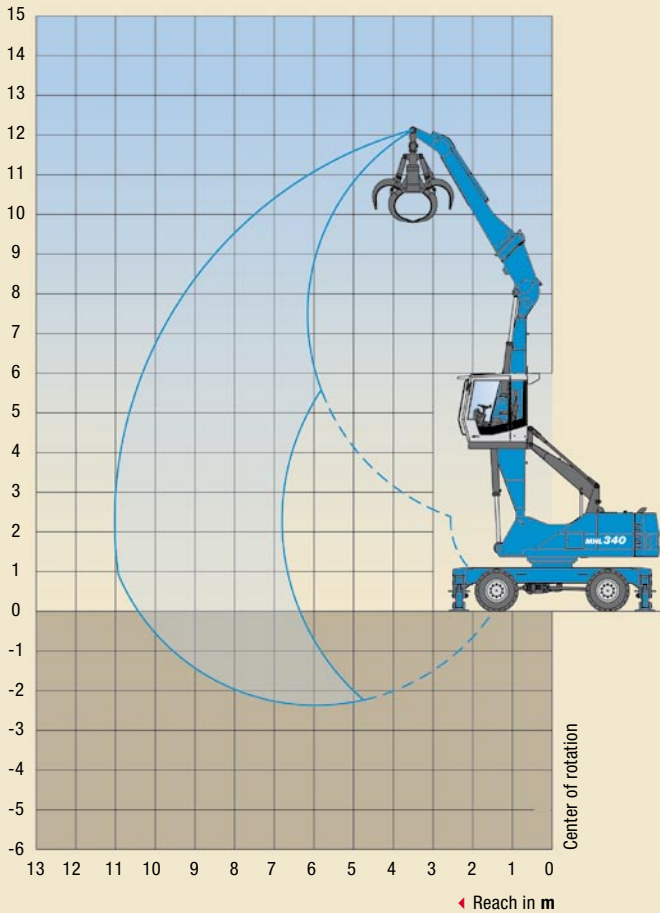
Work equipment:

Box-type boom 7.2 m;
Multi-purpose stick 4.5 m;
Sorting grab

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m					
		4.5	6	7.5	9	10.5	12
12	non supported		(6.4*)				
	4-pt. supported		6.4* (6.4*)				
10.5	non supported		(7.0)	(4.7)			
	4-pt. supported		8.3* (8.3*)	6.7* (6.7*)			
9	non supported		(7.0)	(4.8)	(3.4)		
	4-pt. supported		8.9* (8.9*)	7.4 (7.5*)	5.4 (6.3*)		
7.5	non supported		(6.9)	(4.7)	(3.4)	(2.5)	
	4-pt. supported		9.2* (9.2*)	7.3 (7.6*)	5.3 (6.4*)	4.0 (5.0*)	
6	non supported	(10.6)	(6.5)	(4.5)	(3.3)	(2.4)	
	4-pt. supported	12.3* (12.3*)	9.7* (9.7*)	7.1 (7.8*)	5.2 (6.5*)	4.0 (5.0)	
4.5	non supported	(9.5)	(6.0)	(4.2)	(3.1)	(2.4)	(1.8)
	4-pt. supported	14.4* (14.4*)	9.8 (10.3*)	6.8 (8.1*)	5.0 (6.4)	3.9 (4.9)	3.1 (3.2*)
3	non supported		(5.4)	(3.9)	(2.9)	(2.3)	(1.8)
	4-pt. supported		9.2 (10.8*)	6.5 (8.3*)	4.9 (6.2)	3.8 (4.8)	3.1 (3.9)
1.5	non supported		(5.0)	(3.6)	(2.8)	(2.2)	(1.7)
	4-pt. supported		8.7 (10.7*)	6.2 (8.0)	4.7 (6.0)	3.7 (4.7)	3.0 (3.8)
0	non supported	(4.0*)	(4.7)	(3.5)	(2.7)	(2.1)	
	4-pt. supported	4.0* (4.0*)	8.4 (9.6*)	6.0 (7.5*)	4.6 (5.9)	3.6 (4.6*)	
-1.5	non supported			(3.4)	(2.6)		
	4-pt. supported			5.9 (6.3*)	4.5 (5.0*)		

Capacity values are stated in metric tons (t). The pump pressure is 355 bar (5149 psi). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked *). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook etc.) must be deducted from the capacity values. In accordance with CE guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

WORKING RANGES/LIFTING CAPACITIES MHL340 D FQC



Reach 11 m with stick

Work equipment:

Box-type boom 5.2 m;

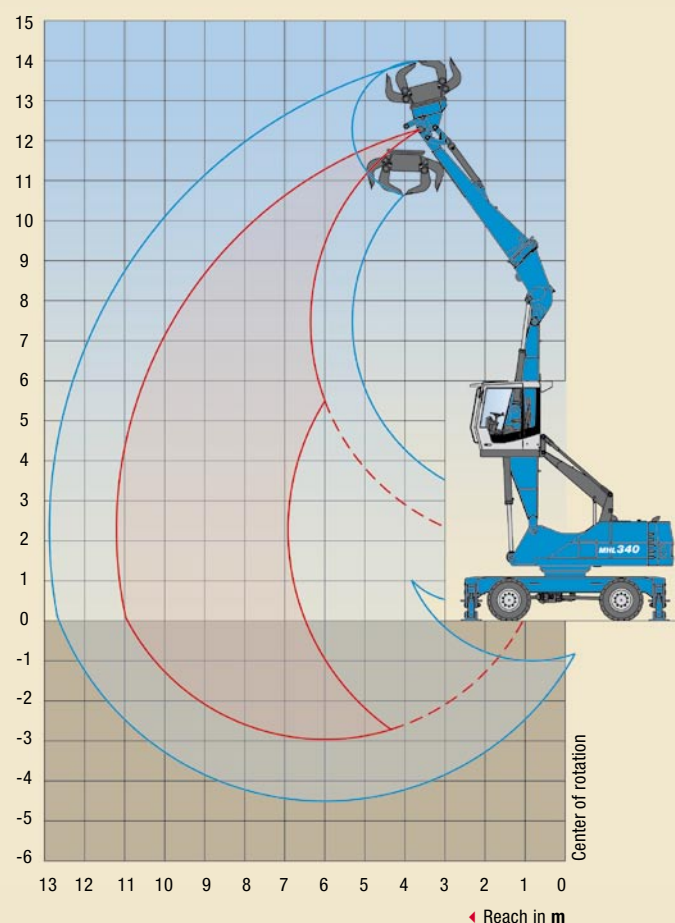
Stick 5.4 m;

Cactus grab with Quick Connect FQC

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m					
		3	4.5	6	7.5	9	10.5
10.5	non supported			(5.0*)			
	4-pt. supported			5.0* (5.0*)			
9	non supported			(6.6*)	(4.9*)		
	4-pt. supported			6.6* (6.6*)	4.9* (4.9*)		
7.5	non supported				(5.2)	(3.7)	
	4-pt. supported				6.3* (6.3*)	4.0* (4.0*)	
6	non supported			(7.7)	(5.2)	(3.7)	
	4-pt. supported			8.0* (8.0*)	7.3* (7.3*)	5.5* (5.5*)	
4.5	non supported			(7.3)	(5.0)	(3.6)	(2.6)
	4-pt. supported			9.0* (9.0*)	7.7* (7.7*)	5.7 (6.7*)	3.3* (3.3*)
3	non supported		(11.1)	(6.8)	(4.7)	(3.4)	(2.6)
	4-pt. supported		11.8* (11.8*)	10.0* (10.0*)	7.5 (8.1*)	5.5 (6.8*)	4.2* (4.2*)
1.5	non supported	(19.6)	(9.7)	(6.2)	(4.3)	(3.2)	(2.5)
	4-pt. supported	25.5* (25.5*)	15.1* (15.1*)	10.3 (10.9*)	7.1 (8.5*)	5.3 (6.7*)	4.1 (5.2*)
0	non supported	(7.7*)	(8.7)	(5.7)	(4.1)	(3.1)	(2.5)
	4-pt. supported	7.7* (7.7*)	15.8* (15.8*)	9.6 (11.0*)	6.8 (8.3*)	5.1 (6.4*)	3.9* (3.9*)
-1.5	non supported	(7.0*)	(8.2)	(5.4)	(3.9)	(3.0)	
	4-pt. supported	7.0* (7.0*)	14.3* (14.3*)	9.3 (10.1*)	6.6 (7.5*)	5.1 (5.4*)	

Capacity values are stated in metric tons (t). The pump pressure is 355 bar (5149 psi). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked *). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook etc.) must be deducted from the capacity values. In accordance with CE guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

WORKING RANGES/LIFTING CAPACITIES MHL340 D FQC



**Reach 11.2 m
with multi-purpose stick**

Work equipment:

Box-type boom 5.2 m;

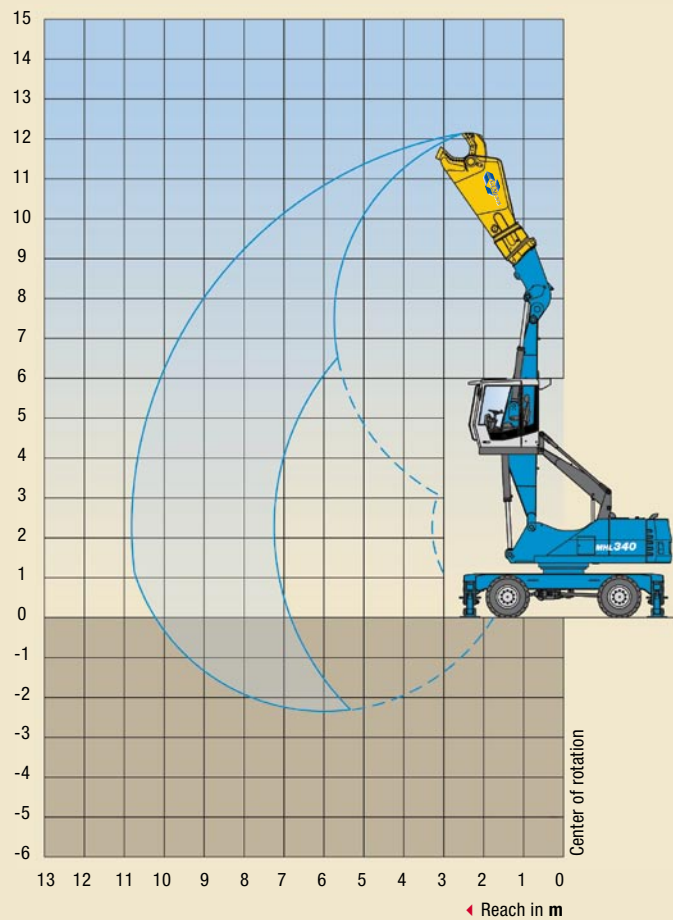
Multi-purpose stick 5.6 m;

Sorting grab with Quick Connect FQC

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m					
		3	4.5	6	7.5	9	10.5
10.5	non supported			(5.0*)			
	4-pt. supported			5.0* (5.0*)			
9	non supported				(4.8*)		
	4-pt. supported				4.8* (4.8*)		
7.5	non supported				(5.1)	(3.5)	
	4-pt. supported				5.9* (5.9*)	4.0* (4.0*)	
6	non supported				(5.0)	(3.5)	(2.0*)
	4-pt. supported				6.8* (6.8*)	5.3* (5.3*)	2.0* (2.0*)
4.5	non supported			(7.2)	(4.8)	(3.4)	(2.5)
	4-pt. supported			8.4* (8.4*)	7.3* (7.3*)	5.5 (6.3*)	3.4 (3.4*)
3	non supported		(10.2*)	(6.7)	(4.5)	(3.2)	(2.4)
	4-pt. supported		10.2* (10.2*)	9.4* (9.4*)	7.3 (7.7*)	5.3 (6.4*)	4.0 (4.2*)
1.5	non supported	(20.0)	(9.7)	(6.0)	(4.2)	(3.0)	(2.3)
	4-pt. supported	24.3* (24.3*)	14.4* (14.4*)	10.1 (10.3*)	7.0 (8.0*)	5.1 (6.4*)	3.9 (4.6*)
0	non supported	(8.1*)	(8.5)	(5.5)	(3.9)	(2.9)	(2.2)
	4-pt. supported	8.1* (8.1*)	15.4* (15.4*)	9.5 (10.6*)	6.6 (8.0*)	4.9 (6.1*)	3.9 (4.2*)
-1.5	non supported	(6.8*)	(7.9)	(5.1)	(3.7)	(2.7)	
	4-pt. supported	6.8* (6.8*)	14.2* (14.2*)	9.1 (9.9*)	6.4 (7.3*)	4.8 (5.3*)	

Capacity values are stated in metric tons (t). The pump pressure is 355 bar (5149 psi). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked *). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook etc.) must be deducted from the capacity values. In accordance with CE guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

WORKING RANGES/DATA MHL340 D FQC



With scrap shears

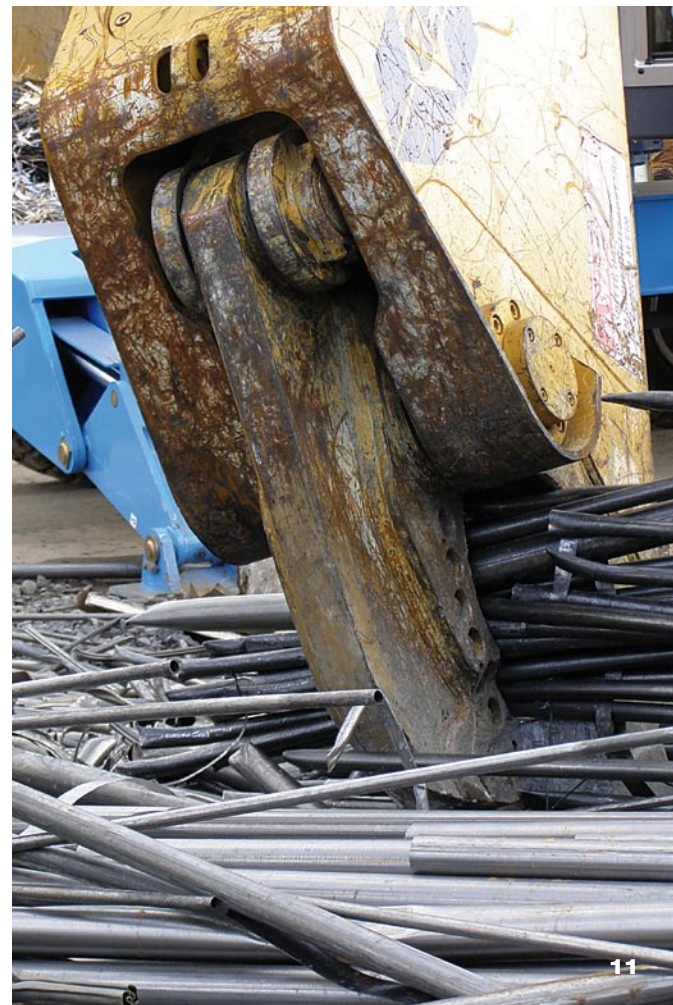
Work equipment:

Box-type boom 5.2 m;
Scrap shears GXP 300
with Quick Connect FQC

GENESIS SCRAP SHEARS GXP 300

CUTTING FORCE	5.749 kN
JAW DEPTH	610 mm
JAW OPENING	584 mm
WEIGHT*	4 t

* inc. Quick Connect system





MACHINES WITH MORE POSSIBILITIES

MHL340 D and FQC. **The unbeatable combination**

MHL340 D. The top performer in the recycling business

With its long reaches and high lifting capacities, the MHL340 D from Terex® Fuchs is one of the international top models in recycling and scrap metal handling. Its utterly reliable stability and high-performance boom design ensure safety in the most challenging of situations. The two-circuit hydraulic system enables slewing manoeuvres to be fast, powerful and precise with minimal power loss.

Alongside the machine's extraordinary robustness, its technical highlights include the powerful and economical turbo diesel engine and the high-performance cooling system. This bundle of power is controlled safely and efficiently from the hydraulically height-adjustable cab; thanks to the ultra-modern text display and the panorama windows the operator is always in complete command of the situation.

The MHL340 D can be supplied both with a classic boom and with the Terex® Fuchs Quick Connect (FQC) system. The three letters FQC show that the tools can be swiftly and speedily changed. For example, the multi-purpose stick with grab or the stick with magnetic plate can be exchanged for the GENESIS scrap shears in less than a minute.

The Quick Connect system is based on leakage-free quick-connect couplings which, with the help of a hydraulic locking device, can be connected to each other with no loss of oil and almost without wear. All connections are protected against shocks and contamination; the robust design of the unit made up of stick and Quick Connect coupling ensures mechanical stability. Sensors verify correct positioning and secure locking when connecting and disconnecting and relay the information direct to the operator's cab.

The Terex® Fuchs Quick Connect system maximizes efficiency, enabling a single machine to carry out a whole range of tasks with very short changeover times. It also adds considerably to safety. The operator no longer needs to leave the cab to change the tools, and fiddling with bolts is a thing of the past. On account of its many advantages, the FQC system has been awarded the TBG's Euro-Test prize.

