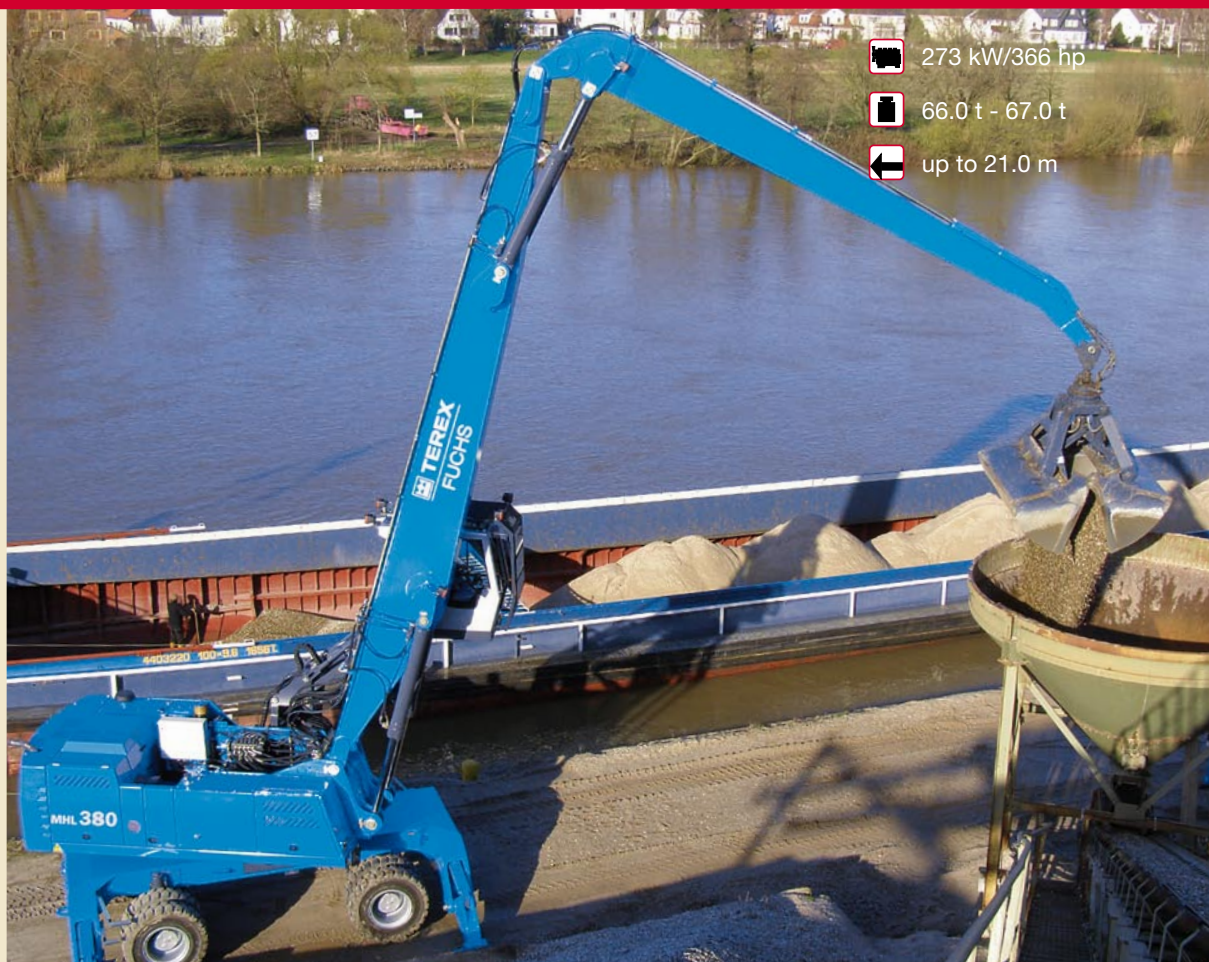



TECHNICAL DATA AND INFORMATION


MHL380D

SCRAP-HANDLING AND PORT MACHINE



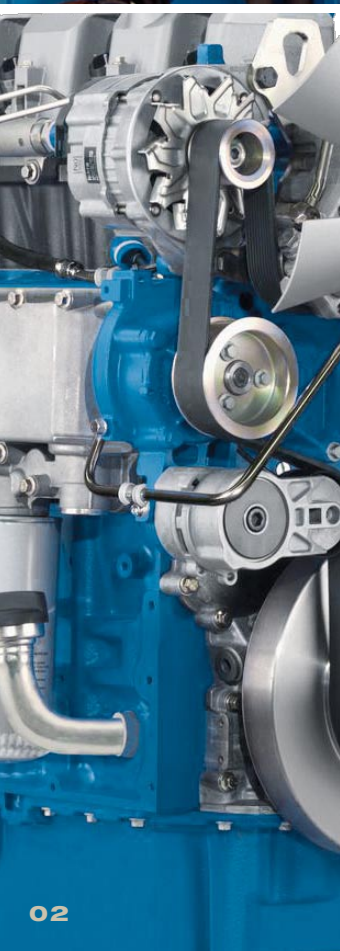
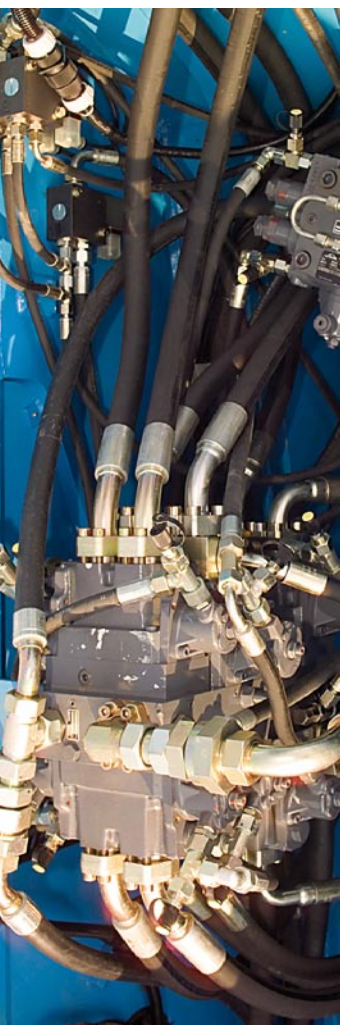
 273 kW/366 hp

 66.0 t - 67.0 t

 up to 21.0 m



TECHNICAL DATA MHL380 D



OPERATING WEIGHT

66.0 t - 67.0 t



DIESEL ENGINE

MANUFACTURER AND MODEL	Deutz TCD 2015 V06 4V
DESIGN	6-cylinder V-engine
ENGINE CONTROL	EMR III
TYPE	4-stroke diesel, direct injection, unit pump system, turbo-charger w. intercooling
ENGINE OUTPUT	273 kW/366 hp
NOMINAL SPEED	1800 min ⁻¹
DISPLACEMENT	11.91 litres
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
FUEL CAPACITY (USABLE)	874 l



ELECTRICAL SYSTEMS

OPERATING VOLTAGE	24 V
BATTERIES	2 x 12 V / 143 Ah / 950 A (in accordance with EN)
LIGHTING SET	1 x H3 spotlight on upper carriage, 1 x H3 spotlight on cabin floor, turn signal and rear side-marker lamps
OPTION	Magnet system 30 kW



TRAVEL DRIVE

	Hydrostatic drive through infinitely variable axial piston motor and directly mounted travel brake valves, flanged to a single-stage transfer gear-box, 4-wheel drive
TRAVEL SPEED 1st GEAR	Continuously variable 0 - 8 km/h
GRADEABILITY	max. 11%
TURNING RADIUS	9.9 m



SWING SYSTEM

RING GEAR	Internally toothed ball ring gear (double row)
DRIVE	Two-stage planetary gear with integrated multi-disc brake, closed circuit
UPPER CARRIAGE SWING SPEED	Infinitely variable from 0 - 6 min ⁻¹
PIVOT BRAKE	Electrically operated
MAX. PIVOT TORQUE	164 kNm



UNDERCARRIAGE

FRONT AXLE	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle: 30°
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 14.00 - 24



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 axles



HYDRAULIC SYSTEM

	REXROTH mobile hydraulic system with load limit control and fuel-saving power-demand control, closed swing circuit. 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
MAX. PUMP CAPACITY	640 l/min + 200 l/min in swing circuit
MAX. OPERATING PRESSURE	320 / 360 bar
HYDRAULIC OIL TANK	690 l



OPERATOR'S CAB

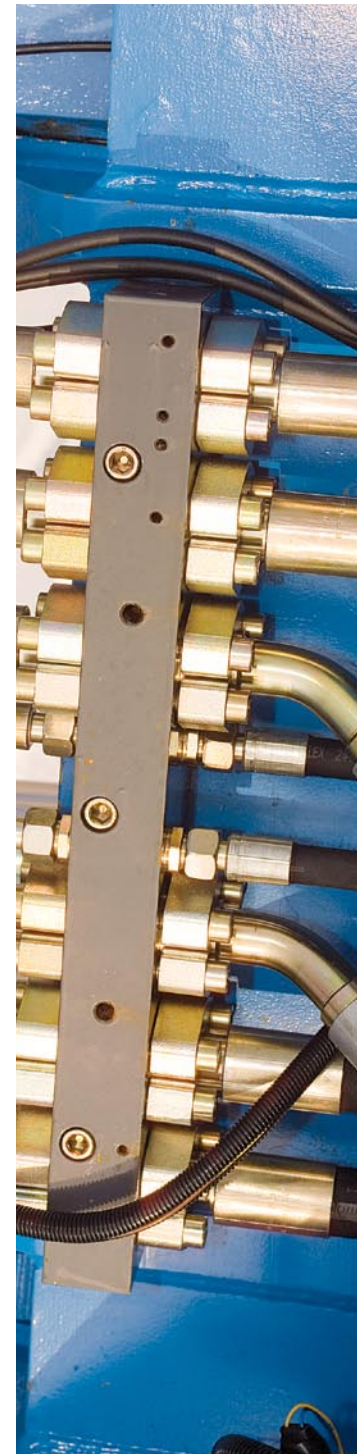
	Cab: Elastically supported, infinitely variable hydraulically height-adjustable with max. eye level of 6.2 m and independently horizontally adjustable by up to 2.2 m. Sound-deadened, heat-insulated panoramic windows for optimum all-around view, windshield with pull-down sunblind that slides under cab roof, visibility panel in 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 position of seat relative to armrests and pilot control units are multi-adjustable, allowing fatigue-free operation
MONITORING	Ergonomic, anti-glare instrument layout; function monitor; automatic monitoring, warning, and storage of deviating operating conditions, e.g. filter pressure monitoring with warning indicator and shutdown of pilot controls; warning and shutdown of pilot controls if hydraulic oil temperature limits are exceeded
AIR CONDITIONING	Automatic
ACOUSTIC POWER LEVEL	(guaranteed) in accordance with guideline 2000/14 EC $L_{W(A)} = 106 \text{ dB (A)}$

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
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EQUIPMENT MHL380 D




 ENGINE	SERIES	OPTION
Exhaust gas turbocharger	•	
Charge air cooling	•	
Electronic direct injection	•	
Automatic idle	•	
Engine pre-heating		•
Engine diagnosis interface	•	
Temperature-controlled fan drive	•	

 UNDERCARRIAGE	SERIES	OPTION
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 665 x 510 mm	•	
Extra-large stabilizer plates 1.070 x 800 mm		•
Rear axle oscillating lock	•	
Special paint		•
Drum brakes	•	
Tool box	•	

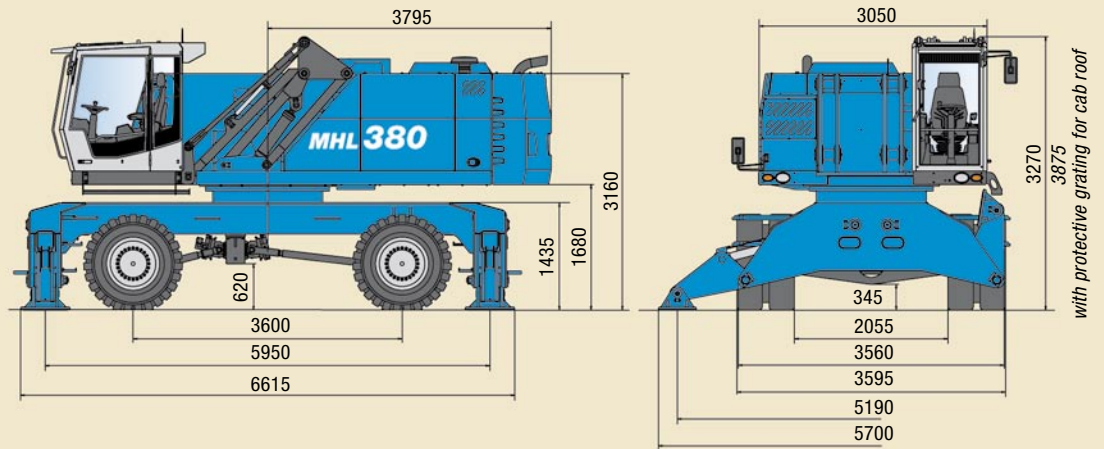
 UPPER CARRIAGE	SERIES	OPTION
Electric refuelling pump		•
Lighting protection		•
Maintenance hood, actuated by gas strut, with mechanical locking device	•	
Lockable cleaning access openings on radiators	•	
Separate radiator system for ambient temperatures up to 50° C	•	
Separate oil cooler with temperature-controlled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

 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)		•
Tempered safety glass, front and top		•
Cab system horizontally and vertically adjustable	•	
Air conditioning, semi-automatic	•	
Steering column, height and tilt adjustable	•	
Multi-function display	•	
Lower windscreen wiper	•	
Fire extinguisher, dry powder		•
Pre-equipped for radio		•
Radio cassette		•
Radio CD		•
Rotating beacon		•
Sliding window in cab door	•	
Safety glass	•	
Seat heating with integrated a/c function		•
Engine-independent heating		•
Windscreen washer system	•	
Dust protection system		•
Pressurized air-conditioning system		•

 EQUIPMENT	SERIES	OPTION
Floodlights attached to cab floor	•	
Floodlights, mounted to superstructure	•	
Floodlight, mounted		•
Hydraulic oil preheating		•
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 the grab suspension by central lubrication system	•	
Overload protection / shutdown		•
XENON floodlight on stick		•
XENON floodlight on superstructure		•
XENON floodlight on cab roof		•
Quick-connect coupling on stick	•	
Ball valves on stick		•
Filter system for attachments		•
Load limit control	•	

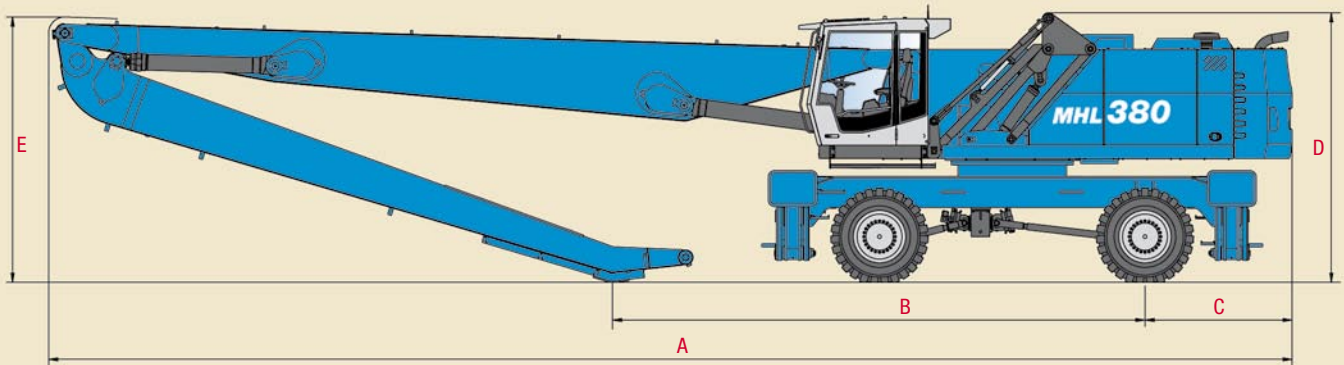
DIMENSIONS

MHL380 D



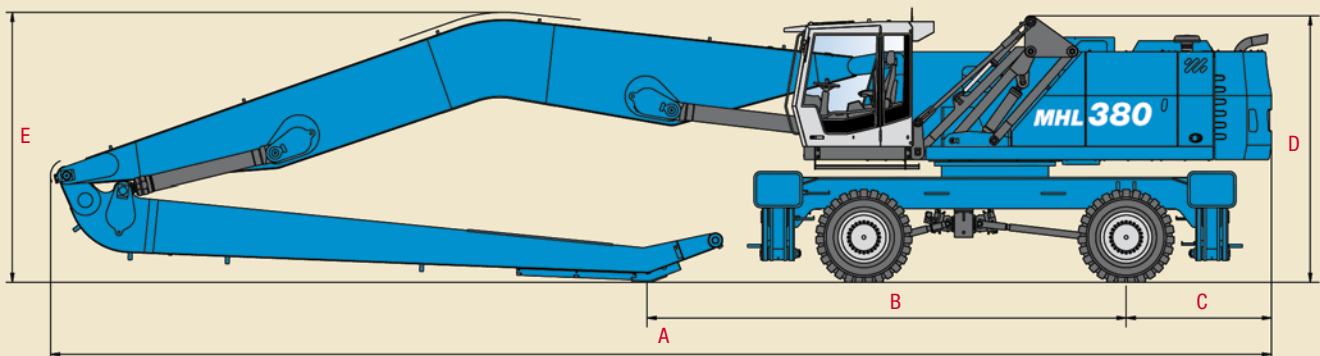
MHL380 D

Transport dimensions with stick



MHL380 D

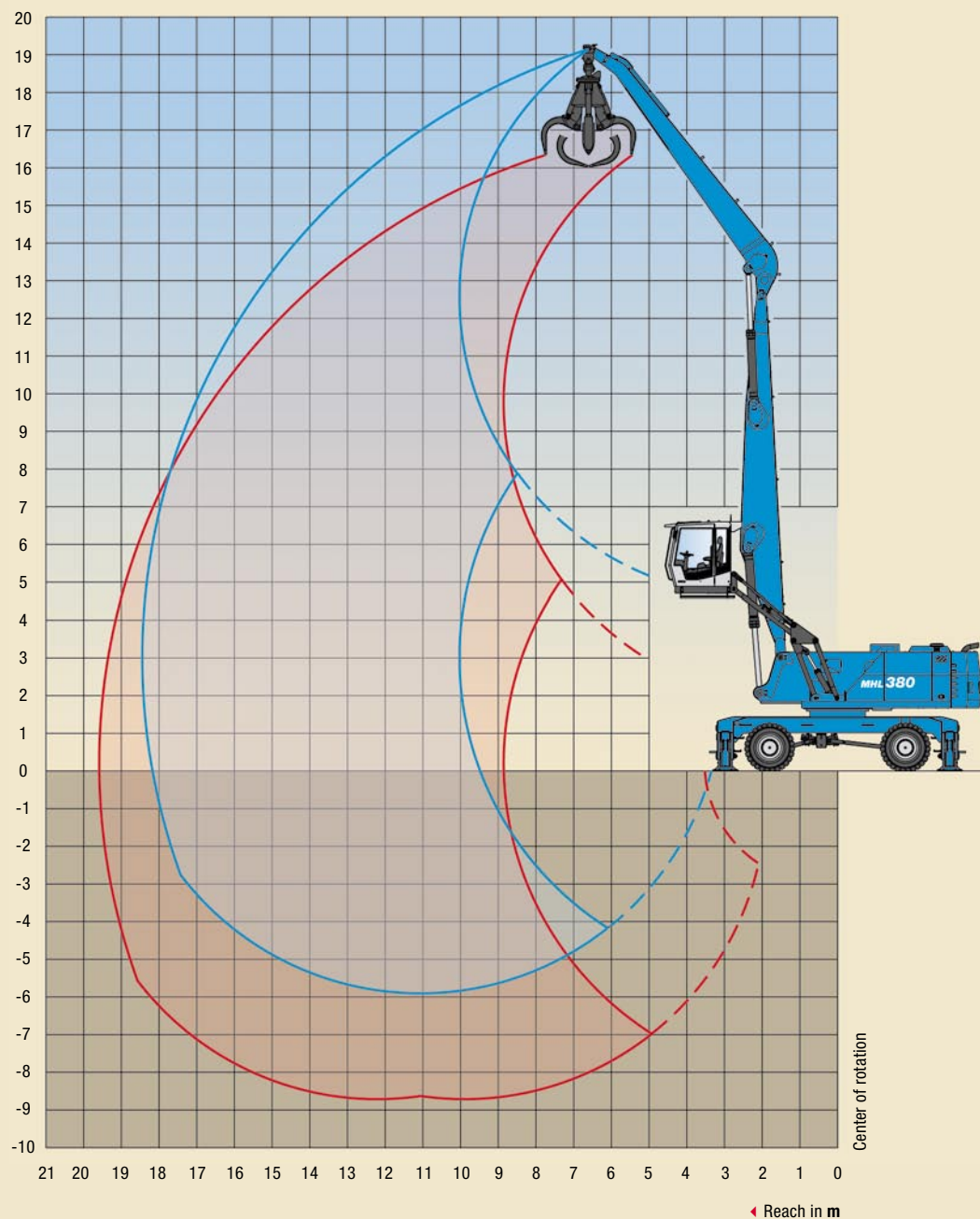
Transport dimensions with cranked boom



DIMENSIONS	REACH 18.5 m	REACH 21.0 m	REACH 21.0 m (CRANKED)
A	15.120 mm	16.865 mm	16.670 mm
B	6.365 mm	7.225 mm	6.580 mm
C	1.995 mm	1.995 mm	1.995 mm
D	3.655 mm / *3.875 mm	3.655 mm / *3.875 mm	3.655 mm / *3.875 mm
E	3.270 mm	3.600 mm	3.700 mm

* with protective grating for cab roof

WORKING RANGES/LIFTING CAPACITIES MHL380 D



**Reach 18.5 m
with stick**

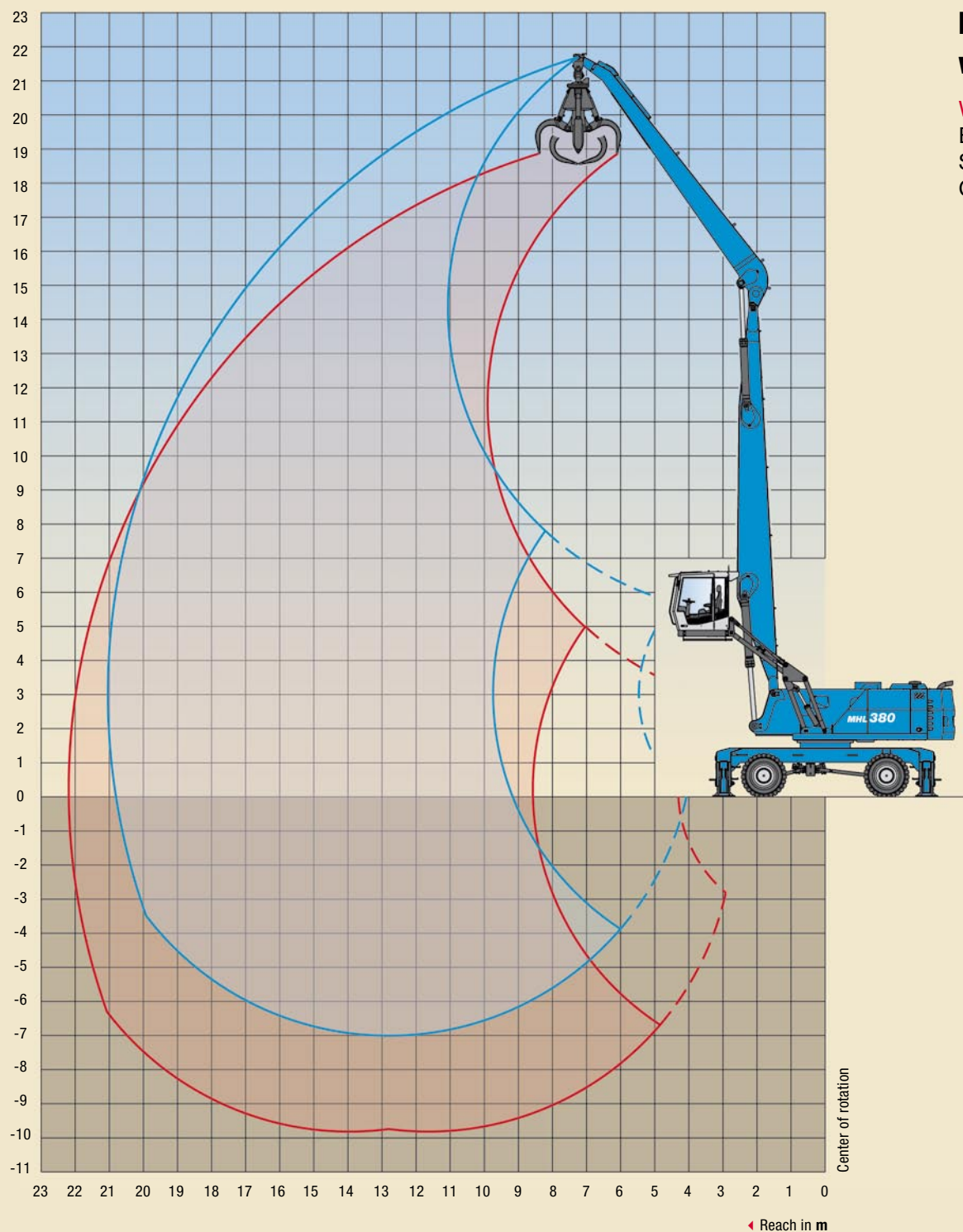
Work equipment:
Box-type boom 9.6 m;
Stick 8.0 m;
Cactus grab

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m								
		6	7.5	9	10.5	12	13.5	15	16.5	18
18	non supported			(9.3*)						
	4-pt. supported			9.3* (9.3*)						
16.5	non supported				(10.0*)					
	4-pt. supported				10.0* (10.0*)					
15	non supported				(11.7)	(9.3)				
	4-pt. supported				12.1* (12.1*)	10.0* (10.0*)				
13.5	non supported				(11.8*)	(9.5)	(7.7)			
	4-pt. supported				11.8* (11.8*)	11.1* (11.1*)	9.6* (9.6*)			
12	non supported				(11.8*)	(9.5)	(7.7)	(6.3)		
	4-pt. supported				11.8* (11.8*)	11.0* (11.0*)	10.4* (10.4*)	8.6* (8.6*)		
10.5	non supported				(11.8)	(9.4)	(7.7)	(6.3)	(5.2)	
	4-pt. supported				12.0* (12.0*)	11.2* (11.2*)	10.4* (10.4*)	9.7* (9.7*)	6.5* (6.5*)	
9	non supported				(11.6)	(9.3)	(7.6)	(6.3)	(5.2)	
	4-pt. supported				12.4* (12.4*)	11.4* (11.4*)	10.6* (10.6*)	9.7 (9.9*)	8.2 (8.7*)	
7.5	non supported			(14.4)	(11.2)	(9.0)	(7.4)	(6.2)	(5.2)	
	4-pt. supported			14.6* (14.6*)	13.1* (13.1*)	11.9* (11.9*)	10.9* (10.9*)	9.6 (10.0*)	8.1 (9.3*)	
6	non supported		(18.3)	(13.7)	(10.8)	(8.7)	(7.2)	(6.0)	(5.1)	(4.3)
	4-pt. supported		18.6* (18.6*)	15.9* (15.9*)	13.9* (13.9*)	12.4* (12.4*)	11.1* (11.1*)	9.4 (10.2*)	8.1 (9.3*)	6.5* (6.5*)
4.5	non supported	(24.1)	(17.1)	(13.0)	(10.3)	(8.4)	(7.0)	(5.9)	(5.0)	(4.3)
	4-pt. supported	27.1* (27.1*)	21.0* (21.0*)	17.2* (17.2*)	14.7* (14.7*)	12.9* (12.9*)	10.9 (11.5*)	9.2 (10.4*)	7.9 (9.4*)	6.9 (7.6*)
3	non supported	(21.6)	(15.7)	(12.2)	(9.8)	(8.0)	(6.7)	(5.7)	(4.9)	(4.2)
	4-pt. supported	31.2* (31.2*)	23.1* (23.1*)	18.5* (18.5*)	15.4* (15.4*)	12.6 (13.4*)	10.6 (11.8*)	9.1 (10.5*)	7.8 (9.4*)	6.9 (8.2*)
1.5	non supported	(14.5*)	(14.6)	(11.4)	(9.3)	(7.7)	(6.5)	(5.6)	(4.8)	(4.2)
	4-pt. supported	14.5* (14.5*)	24.5* (24.5*)	18.6 (19.4*)	14.9 (16.1*)	12.3 (13.8*)	10.3 (12.0*)	8.9 (10.6*)	7.7 (9.2*)	6.8 (8.1*)
0	non supported	(11.3*)	(13.8)	(10.9)	(8.9)	(7.4)	(6.3)	(5.4)	(4.7)	(4.2)
	4-pt. supported	11.3* (11.3*)	23.6 (24.6*)	18.0 (19.8*)	14.4 (16.4*)	12.0 (13.9*)	10.1 (12.0*)	8.7 (10.5*)	7.6 (9.1*)	6.8 (7.5*)
-1.5	non supported	(11.2*)	(13.4)	(10.5)	(8.6)	(7.2)	(6.1)	(5.3)	(4.7)	
	4-pt. supported	11.2* (11.2*)	19.8* (19.8*)	17.6 (19.6*)	14.1 (16.2*)	11.7 (13.7*)	10.0 (11.8*)	8.6 (10.1*)	7.6 (8.6*)	
-3	non supported	(12.0*)	(13.2)	(10.3)	(8.4)	(7.1)	(6.1)	(5.3)	(4.7)	
	4-pt. supported	12.0* (12.0*)	18.7* (18.7*)	17.3 (18.6*)	13.9 (15.5*)	11.6 (13.1*)	9.9 (11.2*)	8.6 (9.5*)	7.6 (7.8*)	
-4.5	non supported		(13.2)	(10.3)	(8.4)	(7.0)	(6.0)	(5.3)		
	4-pt. supported		19.0* (19.0*)	17.0* (17.0*)	13.9 (14.3*)	11.5 (12.1*)	9.9 (10.2*)	8.4* (8.4*)		

RECOMMENDED ATTACHMENTS	
LIFT HOOKS	20 t
TEREX® FUCHS CACTUS GRAB 0.8 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.0 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.2 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.4 m³	Open or half-closed shells
CLAMSHELL GRAB 1.4 m³	Loose goods density up to 3.100 kg/m³
CLAMSHELL GRAB 1.6 m³	Loose goods density up to 2.600 kg/m³
CLAMSHELL GRAB 1.6 m³	Loose goods density up to 1.900 kg/m³

Capacity values are stated in metric tons (t). The pump pressure is 360 bar (5221 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 MHL380 D



**Reach 21 m
with stick**

Work equipment:
Box-type boom 11.35 m;
Stick 8.95 m;
Cactus grab

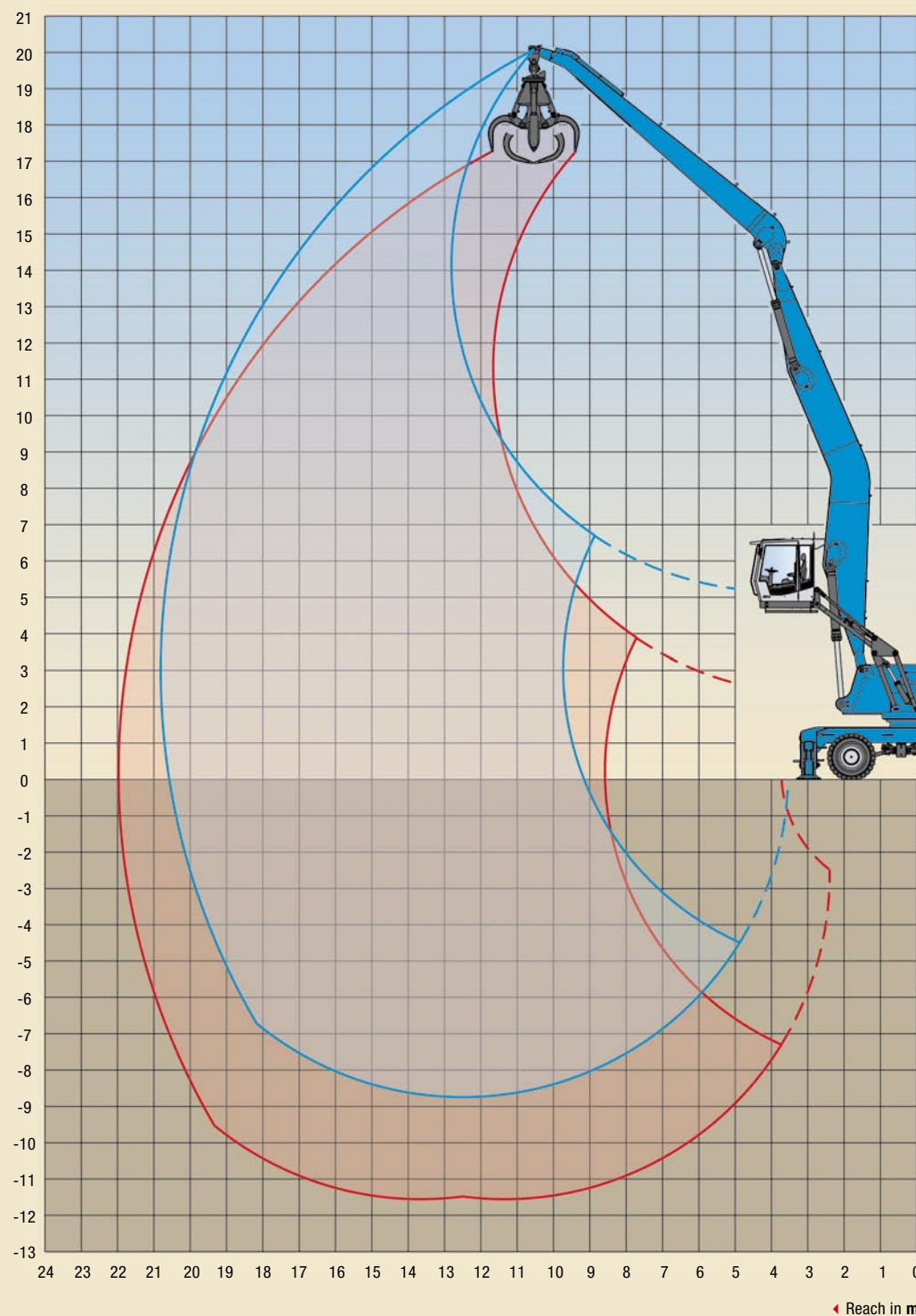
HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m										
		6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21
19.5	non supported				(9.1*)							
	4-pt. supported				9.1* (9.1*)							
18	non supported				(10.8*)	(9.3*)	(7.1*)					
	4-pt. supported				10.8* (10.8*)	9.3* (9.3*)	7.1* (7.1*)					
16.5	non supported					(10.0*)	(8.0)	(6.5)				
	4-pt. supported					10.0* (10.0*)	9.2* (9.2*)	7.0* (7.0*)				
15	non supported					(9.9*)	(8.2)	(6.7)	(5.4)			
	4-pt. supported					9.9* (9.9*)	9.2* (9.2*)	8.6* (8.6*)	6.3* (6.3*)			
13.5	non supported					(9.9*)	(8.2)	(6.7)	(5.5)			
	4-pt. supported					9.9* (9.9*)	9.2* (9.2*)	8.6* (8.6*)	8.0* (8.0*)			
12	non supported					(10.0*)	(8.1)	(6.7)	(5.5)	(4.6)		
	4-pt. supported					10.0* (10.0*)	9.2* (9.2*)	8.6* (8.6*)	8.0* (8.0*)	7.2* (7.2*)		
10.5	non supported				(11.3*)	(9.8)	(8.0)	(6.6)	(5.5)	(4.6)	(3.8)	
	4-pt. supported				11.3* (11.3*)	10.3* (10.3*)	9.4* (9.4*)	8.7* (8.7*)	8.1* (8.1*)	7.4* (7.4*)	5.0* (5.0*)	
9	non supported				(11.8*)	(9.5)	(7.8)	(6.4)	(5.4)	(4.5)	(3.8)	
	4-pt. supported				11.8* (11.8*)	11.6* (10.6*)	9.7* (9.7*)	8.8* (8.8*)	8.2* (8.2*)	7.4 (7.5*)	6.3 (6.7*)	
7.5	non supported			(14.3*)	(11.4)	(9.1)	(7.5)	(6.2)	(5.2)	(4.4)	(3.8)	
	4-pt. supported			14.3* (14.3*)	12.5* (12.5*)	11.1* (11.1*)	9.9* (9.9*)	9.0* (9.0*)	8.3* (8.3*)	7.3 (7.6*)	6.3 (7.0*)	
6	non supported	(23.8*)	(18.2)	(13.7)	(10.8)	(8.7)	(7.2)	(6.0)	(5.1)	(4.3)	(3.7)	
	4-pt. supported	23.8* (23.8*)	18.8* (18.8*)	15.5* (15.5*)	13.2* (13.2*)	11.5* (11.5*)	10.3* (10.3*)	9.2* (9.2*)	8.2 (8.4*)	7.1 (7.7*)	6.2 (7.0*)	
4.5	non supported	(22.9)	(16.5)	(12.7)	(10.1)	(8.2)	(6.8)	(5.8)	(4.9)	(4.2)	(3.6)	
	4-pt. supported	27.7* (27.7*)	20.7* (20.7*)	19.0* (19.0*)	16.0* (16.0*)	12.0* (12.0*)	10.6* (10.6*)	9.4* (9.4*)	8.1 (8.5*)	7.0 (7.7*)	6.1 (7.0*)	
3	non supported	(12.1*)	(14.9)	(11.6)	(9.4)	(7.8)	(6.5)	(5.5)	(4.7)	(4.1)	(3.5)	(3.1)
	4-pt. supported	12.1* (12.1*)	25.4* (25.4*)	19.3* (19.3*)	15.4* (15.4*)	12.7* (12.7*)	10.6* (10.6*)	9.1 (9.6*)	7.9 (8.6*)	6.9 (7.7*)	6.1 (6.9*)	5.4* (5.4*)
1.5	non supported	(7.3*)	(13.6)	(10.8)	(8.8)	(7.3)	(6.2)	(5.3)	(4.6)	(4.0)	(3.5)	
	4-pt. supported	7.3* (7.3*)	16.2* (16.2*)	18.1* (18.1*)	14.7* (14.7*)	12.2 (12.7*)	10.3 (11.0*)	8.9 (9.7*)	7.7 (8.6*)	6.8 (7.6*)	6.0 (6.8*)	
0	non supported	(6.2*)	(11.9*)	(10.1)	(8.3)	(7.0)	(5.9)	(5.1)	(4.4)	(3.9)	(3.4)	
	4-pt. supported	6.2* (6.2*)	11.9* (11.9*)	17.6 (18.2*)	14.2 (15.0*)	11.8 (12.7*)	10.0 (11.0*)	8.6 (9.6*)	7.5 (8.5*)	6.6 (7.5*)	5.9 (6.5*)	
-1.5	non supported	(6.8*)	(11.0*)	(9.7)	(8.0)	(6.7)	(5.7)	(4.9)	(4.3)	(3.8)	(3.3)	
	4-pt. supported	6.8* (6.8*)	11.0* (11.0*)	17.1 (17.8*)	13.8 (14.8*)	11.5 (12.6*)	9.8 (10.8*)	8.5 (9.4*)	7.4 (8.3*)	6.6 (7.2*)	5.9 (6.2*)	
-3	non supported	(7.7*)	(11.2*)	(9.5)	(7.7)	(6.5)	(5.6)	(4.8)	(4.2)	(3.7)	(3.3)	
	4-pt. supported	7.7* (7.7*)	11.2* (11.2*)	16.9* (16.9*)	13.6 (14.2*)	11.3 (12.1*)	9.6 (10.5*)	8.3 (9.1*)	7.3 (7.9*)	6.5 (6.8*)	5.6* (5.6*)	
-4.5	non supported		(11.8*)	(9.4)	(7.6)	(6.4)	(5.5)	(4.8)	(4.2)	(3.7)		
	4-pt. supported		11.8* (11.8*)	15.6* (15.6*)	13.3* (13.3*)	11.2* (11.2*)	9.5 (9.8*)	8.3 (8.5*)	7.3* (7.3*)	6.1* (6.1*)		
-6	non supported			(9.4)	(7.6)	(6.4)	(5.5)	(4.8)	(4.2)			
	4-pt. supported			13.8* (13.8*)	11.9* (11.9*)	10.3* (10.3*)	8.9* (8.9*)	7.6* (7.6*)	6.4* (6.4*)			

RECOMMENDED ATTACHMENTS

LIFT HOOKS	20 t
TEREX® FUCHS CACTUS GRAB 0.8 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.0 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.2 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.4 m³	Open or half-closed shells
CLAMSHELL GRAB 1.4 m³	Loose goods density up to 2.100 kg/m³
CLAMSHELL GRAB 1.6 m³	Loose goods density up to 1.800 kg/m³
CLAMSHELL GRAB 2.0 m³	Loose goods density up to 1.200 kg/m³

Capacity values are stated in metric tons (t). The pump pressure is 360 bar (5221 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 MHL380 D



**Reach 21 m
cranked boom**

Work equipment:
Cranked boom 11.35 m;
Stick 8.95 m;
Cactus grab

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m										
		6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21
19.5	non supported				(9.1*)							
	4-pt. supported				9.1* (9.1*)							
18	non supported				(10.8*)	(9.3*)	(7.1*)					
	4-pt. supported				10.8* (10.8*)	9.3* (9.3*)	7.1* (7.1*)					
16.5	non supported					(9.9*)	(7.9)	(6.4)				
	4-pt. supported					9.9* (9.9*)	9.2* (9.2*)	6.9* (6.9*)				
15	non supported					(9.8*)	(8.1)	(6.5)	(5.3)			
	4-pt. supported					9.8* (9.8*)	9.0* (9.0*)	8.4* (8.4*)	6.3* (6.3*)			
13.5	non supported					(9.8*)	(8.1)	(6.6)	(5.4)			
	4-pt. supported					9.8* (9.8*)	9.0* (9.0*)	8.4* (8.4*)	7.8* (7.8*)			
12	non supported					(9.9*)	(8.0)	(6.5)	(5.4)	(4.4)		
	4-pt. supported					9.9* (9.9*)	9.1* (9.1*)	8.4* (8.4*)	7.8* (7.8*)	7.1* (7.1*)		
10.5	non supported				(11.2*)	(9.7)	(7.8)	(6.4)	(5.3)	(4.4)	(3.6)	
	4-pt. supported				11.2* (11.2*)	10.1* (10.1*)	9.2* (9.2*)	8.5* (8.5*)	7.8* (7.8*)	7.2* (7.2*)	5.0* (5.0*)	
9	non supported				(11.7*)	(9.4)	(7.6)	(6.3)	(5.2)	(4.3)	(3.6)	
	4-pt. supported				11.7* (11.7*)	10.4* (10.4*)	9.4* (9.4*)	8.6* (8.6*)	7.9* (7.9*)	7.2* (7.2*)	6.2 (6.7*)	
7.5	non supported			(14.2*)	(11.2)	(9.0)	(7.3)	(6.1)	(5.1)	(4.2)	(3.6)	
	4-pt. supported			14.2* (14.2*)	12.3* (12.3*)	10.8* (10.8*)	9.7* (9.7*)	8.8* (8.8*)	8.0* (8.0*)	7.1 (7.3*)	6.2 (6.7*)	
6	non supported	(23.7*)	(18.0)	(13.5)	(10.6)	(8.5)	(7.0)	(5.8)	(4.9)	(4.1)	(3.5)	
	4-pt. supported	23.7* (23.7*)	18.5* (18.5*)	15.2* (15.2*)	12.9* (12.9*)	11.3* (11.3*)	10.0* (10.0*)	9.0* (9.0*)	8.1* (8.1*)	7.0 (7.4*)	6.1 (6.7*)	
4.5	non supported	(22.5)	(16.2)	(12.4)	(9.8)	(8.0)	(6.6)	(5.5)	(4.7)	(4.0)	(3.4)	
	4-pt. supported	27.2* (27.2*)	20.3* (20.3*)	16.2* (16.2*)	13.6* (13.6*)	11.7* (11.7*)	10.2* (10.2*)	9.1* (9.1*)	7.9 (8.2*)	6.8 (7.4*)	6.0 (6.7*)	
3	non supported	(10.8*)	(14.4)	(11.3)	(9.1)	(7.5)	(6.3)	(5.3)	(4.5)	(3.8)	(3.3)	(2.9)
	4-pt. supported	10.8* (10.8*)	21.6* (21.6*)	17.1* (17.1*)	14.1* (14.1*)	12.0* (12.0*)	10.4* (10.4*)	8.9 (9.2*)	7.7 (8.3*)	6.7 (7.4*)	5.9 (6.6*)	5.2 (5.3*)
1.5	non supported	(6.5*)	(13.0)	(10.3)	(8.4)	(7.0)	(5.9)	(5.0)	(4.3)	(3.7)	(3.2)	
	4-pt. supported	6.5* (6.5*)	16.2* (16.2*)	17.5* (17.5*)	14.4* (14.4*)	11.9 (12.2*)	10.1 (10.6*)	8.6 (9.3*)	7.5 (8.2*)	6.6 (7.3*)	5.8 (6.5*)	
0	non supported	(6.2*)	(11.9*)	(9.6)	(7.9)	(6.6)	(5.6)	(4.8)	(4.2)	(3.6)	(3.2)	
	4-pt. supported	6.2* (6.2*)	11.9* (11.9*)	17.2 (17.6*)	13.8 (14.5*)	11.5 (12.3*)	9.8 (10.6*)	8.4 (9.2*)	7.3 (8.1*)	6.4 (7.2*)	5.7 (6.2*)	
-1.5	non supported	(6.8*)	(11.0*)	(9.2)	(7.5)	(6.3)	(5.4)	(4.6)	(4.0)	(3.5)	(3.1)	
	4-pt. supported	6.8* (6.8*)	11.0* (11.0*)	16.7 (17.1*)	13.4 (14.2*)	11.2 (12.1*)	9.5 (10.4*)	8.2 (9.0*)	7.2 (7.9*)	6.3 (6.9*)	5.7 (5.9*)	
-3	non supported	(7.7*)	(11.2*)	(8.9)	(7.3)	(6.1)	(5.2)	(4.5)	(3.9)	(3.5)	(3.1)	
	4-pt. supported	7.7* (7.7*)	11.2* (11.2*)	16.2* (16.2*)	13.2 (13.6*)	11.0 (11.6*)	9.3 (10.0*)	8.1 (8.7*)	7.1 (7.5*)	6.3 (6.4*)	5.3* (5.3*)	
-4.5	non supported		(11.4)	(8.8)	(7.2)	(6.0)	(5.1)	(4.5)	(3.9)	(3.5)		
	4-pt. supported		11.8* (11.8*)	14.8* (14.8*)	12.6* (12.6*)	10.8* (10.8*)	9.2* (9.2*)	8.0* (8.0*)	6.9* (6.9*)	5.8* (5.8*)		
-6	non supported			(8.9)	(7.2)	(6.0)	(5.1)	(4.4)	(3.9)			
	4-pt. supported			13.0* (13.0*)	11.3* (11.3*)	9.7* (9.7*)	8.4* (8.4*)	7.2* (7.2*)	6.0* (6.0*)			

RECOMMENDED ATTACHMENTS

LIFT HOOKS	20 t
TEREX® FUCHS CACTUS GRAB 0.8 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.0 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.2 m³	Open or half-closed shells
TEREX® FUCHS CACTUS GRAB 1.4 m³	Open or half-closed shells
CLAMSHELL GRAB 1.4 m³	Loose goods density up to 2.300 kg/m³
CLAMSHELL GRAB 1.6 m³	Loose goods density up to 1.900 kg/m³
CLAMSHELL GRAB 2.0 m³	Loose goods density up to 1.400 kg/m³

Capacity values are stated in metric tons (t). The pump pressure is 360 bar (5221 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.

**PURPOSE
BUILT**



MHL380 D.

Makes light work of heavy tasks

Mobile, flexible, powerful: the MHL380 D is the ideal loading machine for the diverse requirements of modern port logistics. In contrast to stationary cable or gantry cranes, this mobile loading machine is quickly ready for use wherever it is needed. The powerful hydraulics and absolutely solid statics enable it to manoeuvre both quickly and precisely even with heavy loads. A range of attachments ensures maximum flexibility in use.

HIGH PERFORMANCE SPECTRUM. BROAD USAGE SPECTRUM.

In the cab, which can be elevated smoothly to a height of 6.2 metres above the ground or moved forwards by up to 2.2 metres, the large panorama windows

provide a commanding view. Whether from ship to ship or between ship and storage site, lorry and railway car: the projecting operating position and the responsive controls with their very short reaction times guarantee that the load will be moved with absolute precision. With these outstanding characteristics the MHL380 D is the tool with which to successfully make the transition from traditional material handling operations to modern port logistics.