Preliminary





A TEREX BRAND



# MODULAR DRIVE SYSTEM

#### **DIESEL ENGINE**

Proven for decades and cleaner than ever before thanks to state-of-the-art exhaust gas filtration. Now you have a choice – also for diesel engines: Deutz or Cummins. Choose your preferred manufacturer.\*



#### **ELECTRIC MOTOR**

On the way to zero emissions, FUCHS electric machines are the first choice. Whether feeding balers and shredders, or stationary pre-sorting. With FUCHS electric material handlers, you can do all your work reliably, quietly and sustainably.



#### **ELECTRIC MOTOR + DIESEL POWER PACK**

With our classic Powerpack, you can noticeably expand the range of applications of your electrically powered FUCHS material handler. A small diesel power pack in combination with a special hydraulic pump provides enough power to move the machine and use all other functions with reduced speed. Perfect for driving from socket to socket.



#### **ELECTRIC MOTOR + BATTERY PACK**

Our latest innovation. With the battery power pack, your MHL320 MODULAR<sup>+</sup> can be operated semistationary in grid mode or fully flexible in battery mode. Without any local emissions and with 100% power. The battery power pack can be scaled and (as a small world premiere) retrofitted.\*





#### **TECHNICAL DATA**

#### **OPERATING WEIGHT WITHOUT ATTACHMENTS**

MHL320 MODULAR <sup>+</sup>	19.3–21.5 t *		
Diesel engine			
	EU Stage V / U.S. Tier 4	EU Stage IIIA / U.S. Tier 3 **	EU Stage V / U.S. Tier 4
Manufacturer and model	Deutz TCD 3.6 L04	Deutz TCD 3.6 L04	Cummins F3.8
Design	4-cylinder in-line engine	4-cylinder in-line engine	4-cylinder in-line engine
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	4-cycle diesel, common rail direct injection, turbocharged with intercooler, diesel particula te filter with continuous regeneration and SCR catalytic converter
Engine power	95 kW	95 kW	97 kW
Rated speed	1850 rpm	1850 rpm	1800 rpm
Displacement	3.6	3.6 I	3.8
Cooling system	Water and charge air cooling with demand driven, temperature-dependent fan drive and reversible fan	Water and charge air cooling with demand driven, temperature-dependent fan drive and reversible fan	Water and charge air cooling with demand driven, temperature-dependent fan drive an reversible fan
Exhaust emission standard	EU Stage V / U.S. Tier 4 / China 4	EU Stage IIIA/ U.S. Tier 3*	EU Stage V / U.S. Tier 4
Fuel tank	275 I	275	275 I
Urea Tank (AdBlue)	201		37.9
Electrical system			
Alternator	28 V / 100 A	28 V / 100 A	28V / 90A
Operating voltage	24 V		
Battery	2 × 12 V / 110 Ah / 750 A (according to EN)		
Lighting system	$2 \times \text{LED}$ floodlights at the front of the machine, i	rear parking lights and indicator lights, 2 × LED v	vorking lights on cab
Electric motor			
Power	75 kW		
Total connected load	100 kW		
Motor start	Via soft start		
Optional cable reel	Up to 50 metres (other lengths on request)		
Electric Motor + Batte	ery Pack (enables grid independent driving & v	working at full power)	
Battery capacity	66 kWh (Basic)		
Battery type	Li-Ion Battery		
Full charge cycles	Min. 3.000		
Others	Scalable or retrofittable		
Electric motor + diese	<b>I power pack</b> (enables grid independent driv	ing)	
Engine power (Diesel Power Pack)	36.4 kW		
Exhaust emission standard	EU Stage V / U.S. Tier 4		
Types	Integrated or mobile		
Travel drive			
Hydrostatic travel drive via infinit	ely variable axial piston motor with directly mounted	travel brake valve, two-speed manual gearshift, 4-	wheel drive
Travel speed 1st gear	max. 5 kph		
Travel speed 2nd gear	max. 19 kph		
Gradeability	max. 40 %		
Turning radius	7.1 m		
Turning radius with all-wheel steering	4.5 m		

Slewing drive			
Slewing ring	Internally geared, double-row ball turning ring, greasing	via automatic lubrication system	
Drive	2-stage planetary gear with integrated multi-disc brake		
Uppercarriage swing speed	0-8 rpm		
Slewing lock	Electrically activated		
Undercarriage			
Front axle	Planetary drive axle with integrated drum brake, rigidly n	nounted	
Rear axle	Oscillating planetary drive rear axle with integrated drum	brake and selectable oscillating lock	
Outrigger	4-point stabilizers 2-point-stabilizers with support blade		
Tires	10.00-20 solid rubber with intermediate rings		
Brakes			
Service brake	Hydraulic single-circuit braking system acting on all four	wheel pairs (drum brakes)	
Parking brake	Electrically operated spring-loaded drum brake at transmiss	ion, acting on both front and rear axle	
Hydraulic system			
Variable-displacement axial-piston pump	With load sensing, coupled with load-independent flow distr	ibution, simultaneous independent control of all wo	rking functions
Max. pump capacity	305 lpm		
Max. operating pressure	320 / 350 bar		
Hydraulic oil tank	272		
Filtration	Flow-optimized return filters, integrated in the oil tank. Fi particles with 10 µm. Very good separation values are alr times.		
Cooling system	Separated high-performance cooler with demand driven,	temperature-dependent fan drive and reversible	fan
Operator's cab			
Cab	Infinitely variable hydraulic height-adjustable cabin with slic for best all-round visibility, front window with roller blind, gl exchangers, fresh and recirculated air filters. Multifunction radio (DAB+, USB, Bluetooth and hands-free), USB charging	lass panel in the cabin roof with sliding blind. Heatin touch display, bottle holder, paper clip and multiple	ng and air conditioning, separate heat
	Infinitely variable hydraulic height-adjustment with eye le	evel up to 5.3 m above ground	
Air conditioning	Automatic air-conditioning. Hot water heating with variable t	emperature control and 8-speed fan, 10 adjustable a	air nozzles, 3 defroster nozzles
Operator's seat	Air-cushioned comfort seat with swinging armrests / joyst adjustment options for the seat position, seat inclination a		
Monitoring	Ergonomically arranged, glare-free Multifunction display. A hydraulic oil temperature – coolant and charge air temperal option for the individual sensors via the multifunction displ	ture – diesel particulate filter loading, steering), vis	sual and audible warning. Diagnostic
	EU Stage V/ U.S. Tier 4	EU Stage IIIA/ U.S. Tier 3*	EU Stage V/ U.S. Tier 4
Noise level	Sound power level (ambience)	Sound power level (ambience)	Sound power level (ambience)
	$\rm L_{_{WA}}97.7~dB(A)$ (metered) acc. to directive 2000/14/EC	L <sub>wA</sub> 99,3 dB(A) (metered) acc. to directive 2000/14/EC	to be determined
	$\rm L_{_{WA}}99~dB(A)$ (guaranteed) acc. to directive 2000/14/EC	L <sub>wa</sub> 100 dB(A) (guaranteed) acc. to directive 2000/14/EC	TBD
	Sound pressure level (inside the cabin) acc. to standard ISO 6396	Sound pressure level (inside the cabin) acc. to standard ISO 6396	
	L <sub>pA</sub> 72 dB(A)	L <sub>pA</sub> 69 dB(A)	
Vibrations	Weighted r.m.s. value of acceleration of upper limbs under Weighted effective value of acceleration for the seat and		
Certified in accordance with C	E regulations		

### **TECHNICAL DATA**





#### EQUIPMENT

Diesel Engine	Standard	Option
Direct electronic fuel injection / common rail	•	
ECO and Power Mode	•	
Water and charge air cooler	•	
DEF injection, passive regeneration	•	
Advanced automatic idle incl. engine shut-off function	•	
Engine diagnostics interface	•	
Separated high-performance cooler with demand driven, temperature-dependent fan drive and reversible fan	•	
Engine preheating		•
Undercarriage		
All-wheel drive	•	
All-wheel steering		•
Low-maintenance drum brakes	•	
Rear axle oscillating lock	•	
2-speed powershift transmission		•
2-speed manual transmission	•	
4-point stabilizers	•	
Dozer blade in addition to 4-point stabilizers		•
2-point stabilizers and support blade		•
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	•	
Uppercarriage		
Separated high-performance cooling system		
for engine, acc and hydraulic systems	•	
Reversible and adjustable fan drives	•	
Automatic central lubrication system	•	
Rear view camera	•	
Side view camera	•	
Service platform	•	
Electric refuelling pump		•
Light protection		•
Operator's Cab		
Vertically adjustable cabin	•	
Single-pane safety glass (ESG)	•	
Sliding window in cab door	•	
Cabin with penetration resistant glass front and top (classification P5A)		•
Cabin with bullet-proof glass (classification P8B)		•
Windshield washer system	•	

-		
EN		
- 4	-	

Operator's Cab	Standard	Option
Washing device for roof window		٠
Air-cushioned operator seat with headrest, seatbelt and lumbar support	•	
Seat heating		•
Joystick steering	•	
Steering column, height and tilt adjustable		•
Automatic air conditioning	•	
Auxiliary heating		•
Multi-function display	•	
Document net	•	
Bottle holder with cooling	•	
FOPS guard		•
12 V transformer		•
Digital radio (DAB+, USB, Bluetooth and hands-free system)	•	
12V socket / cigarette lighter		•
Fire extinguisher, dry powder		•
Travel alarm w/ rotating beacon		•
Other Equipment		
9 kW DC generator		•
11 kW DC generator		•
Close proximity range limiter for dipperstick	•	•
Coolant and hydraulic oil level monitoring system		
Overload and working area control		•
Filter system for attachments		•
Rupture valves for lifting cylinders		•
Rupture valves for stick cylinders		•
		•
Overload warning device		•
Quick coupling on dipperstick	•	
Stick protection		•
Active cyclone prefilter (TOP AIR)		•
Hydraulic oil preheating		•
Lubrication of the grab suspension by central lubrication system	•	
Basic LED light packages		•
Power LED light packages		•
Basic LED head lights at the front of the machine	•	
Basic LED working lights cabin roof front	•	
Boom cylinder damping system (piston accumulator)		•
Paint color according to customer's request		•
Fuchs Telematics System, incl. 5 years contract	•	

### IPMENT

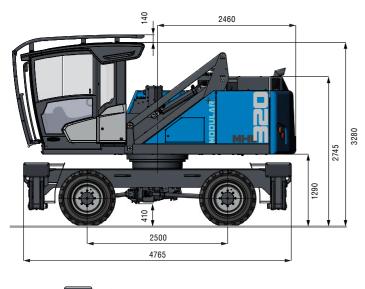


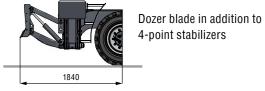
#### DIMENSIONS

#### 4-point stabilizers

Side view

all dimensions in mm





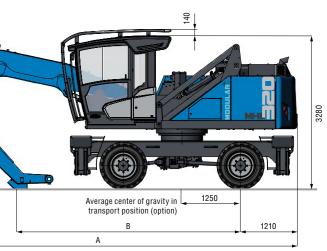


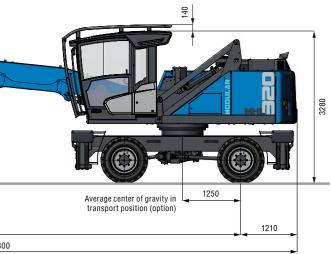
2-point Stabilizers and support blade

Side view all dimensions in mm



**TRANSPORT DIMENSIONS** Side view all dimensions in mm FUCHS 2920 11475 12800 **8.2** m \*\* **9.2** m\*\* 7545 mm 8625 mm А 3480 mm 4140 mm В 3150 mm 2850 mm С





<b>9.5</b> m	<b>10.4</b> m
8510 mm	8070 mm
4745 mm	4035 mm
3275 mm	4825 mm

\*\* Multi-purpose stick



### **9.5 m** with dipper stick Boom: 5.2 m $\cdot$ Dipper stick: 4 m $\cdot$ Fuchs cactus grab 11 10 9 8 5 4 3 2 0 0 -1 -2 -3 -4 -5 10 5 11 7 6 4 3 2 1 9 8 0 [m]

REACH

	$\bigcirc$			<b>k</b>	
-		4.5 m	6 m	7.5 m	9 m
-	™ <b>0<sup>—</sup>0</b> ™	(6.5°)			
9 m	ര=ന	6.5° (6.5°)			
	/o <b>=</b> 01	6.5° (6.5°)			
	™ <b>0<sup>—</sup>0</b> ™		(4.6)		
7.5 m	10 <sup></sup> 01		5.7° (5.7°)		
	/0=01		5.7° (5.7°)		
	<sup>1</sup> 0 <sup></sup> 0 <sup>1</sup>		(4.5)	(3.2)	
6 m	10 <sup></sup> 01		5.7° (5.7°)	4.9° (4.9°)	
	/o <b>=</b> 01		5.7° (5.7°)	4.0 (4.9°)	
	10 <sup>-01</sup>	(6.9)	(4.4)	(3.2)	(2.4)
4.5 m	10 <sup></sup> 01	7.5° (7.5°)	6.0° (6.0°)	4.9° (4.9°)	3.8 (4.0°)
	/0=01	7.5° (7.5°)	5.6 (6.0°)	4.0 (4.9°)	3.0 (4.0°)
	10 <sup></sup> 01	(6.5)	(4.3)	(3.1)	(2.3)
3 m	ര്ത	8.5° (8.5°)	6.3° (6.3°)	5.0° (5.0°)	3.8 (3.9°)
_	/0=01	8.4 (8.5°)	5.4 (6.3°)	3.9 (5.0°)	2.9 (3.9°)
	10 <sup>11</sup> 01	(6.1)	(4.1)	(3.0)	(2.3)
1.5 m	ര്ത	9.2° (9.2°)	6.5° (6.5°)	4.9° (4.9°)	3.7° (3.7°)
	/0=01	8.0 (9.2°)	5.2 (6.5°)	3.8 (4.9°)	2.9 (3.7°)
	<sup>1</sup> 0 <sup>11</sup> 01	(5.9)	(3.9)	(2.9)	(2.3)
0 m	10 <b>-</b> 01	8.6° (8.6°)	6.2° (6.2°)	4.5° (4.5°)	3.1° (3.1°)
	/0=01	7.7 (8.6°)	5.0 (6.2°)	3.7 (4.5°)	2.9 (3.1°)
	<sup>1</sup> 0 <sup></sup> 01	(5.8)	(3.9)	(2.9)	
–1.5 m	10=01	6.8° (6.8°)	5.1° (5.1°)	3.6° (3.6°)	
	/0=01	6.8° (6.8°)	5.0 (5.1°)	3.6° (3.6°)	
					max. reac
	<sup>1</sup> 0 <sup>11</sup> 0 <sup>1</sup>				(2.2)
1.9 m	10 <b>-</b> 01				3.4° (3.4°)

		4.5 m	6 m	7.5 m	9 m
_	10 <sup>00</sup> 01	(6.5°)			
9 m	ro <del>-</del> o1	6.5° (6.5°)			
	/0=01	6.5° (6.5°)			
	ਾਰ=ਰਾ		(4.6)		
7.5 m	ro <del>-</del> o1		5.7° (5.7°)		
	/0=01		5.7° (5.7°)		
	™ <b>0</b> ™01		(4.5)	(3.2)	
6 m	ര=റ		5.7° (5.7°)	4.9° (4.9°)	
	/0=01		5.7° (5.7°)	4.0 (4.9°)	
	ਾਰ=ਰਾ	(6.9)	(4.4)	(3.2)	(2.4)
4.5 m	ര=റ	7.5° (7.5°)	6.0° (6.0°)	4.9° (4.9°)	3.8 (4.0°)
	/0=01	7.5° (7.5°)	5.6 (6.0°)	4.0 (4.9°)	3.0 (4.0°)
	™ <b>™</b> ©™	(6.5)	(4.3)	(3.1)	(2.3)
3 m	ro <del>-</del> o1	8.5° (8.5°)	6.3° (6.3°)	5.0° (5.0°)	3.8 (3.9°)
	/0=01	8.4 (8.5°)	5.4 (6.3°)	3.9 (5.0°)	2.9 (3.9°)
	™ <b>™</b> ©™	(6.1)	(4.1)	(3.0)	(2.3)
1.5 m	ro <del>=</del> o1	9.2° (9.2°)	6.5° (6.5°)	4.9° (4.9°)	3.7° (3.7°)
	/0=01	8.0 (9.2°)	5.2 (6.5°)	3.8 (4.9°)	2.9 (3.7°)
	™ <b>™</b> 0	(5.9)	(3.9)	(2.9)	(2.3)
0 m	ര്ത	8.6° (8.6°)	6.2° (6.2°)	4.5° (4.5°)	3.1° (3.1°)
_	/ത=	7.7 (8.6°)	5.0 (6.2°)	3.7 (4.5°)	2.9 (3.1°)
	™ <b>™</b> 0	(5.8)	(3.9)	(2.9)	
–1.5 m	ര=ന	6.8° (6.8°)	5.1° (5.1°)	3.6° (3.6°)	
	/0=01	6.8° (6.8°)	5.0 (5.1°)	3.6° (3.6°)	
					max. reach 9.5 m
	10 <b>-</b> 01				(2.2)
1.9 m	ത്ത				3.4° (3.4°)
	/0=01				2.7 (3.4°)

**Recommended attachments upon request** 



Reach

Center of rotation

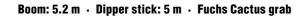
The lift capacity values are stated in metric tons (t). In accordance with ISO 10567, the lift capacity values represents 75 % of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The 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. The machine has to be supported on a level ground for object handling application.

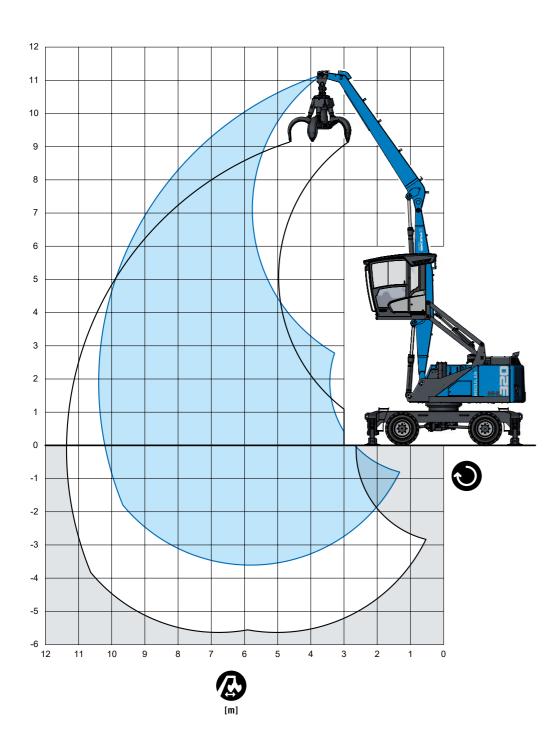
### LIFTING CAPACITY



REACH

# **10.4 m** with dipper stick





A						
		4.5 m	6 m	7.5 m	9 m	
	™ <b>0<sup>™</sup>0</b> ™	(5.2°)				
10.5 m	10 <sup></sup> 01	5.2° (5.2°)				
_	/0=01	5.2° (5.2°)				
	TO OT		(4.7)			
9 m	10 <b>-</b> 01		4.9° (4.9°)			
_	/0=01		4.9° (4.9°)			
	10 <b>-0</b> 1		(4.7)	(3.3)		
7.5 m	10 <sup></sup> 01		5.0° (5.0°)	4.5° (4.5°)		
_	/0=01		5.0° (5.0°)	4.1 (4.5°)		
	10 <b>-</b> 01		(4.7)	(3.3)	(2.4)	
6 m	10_01		5.1° (5.1°)	4.5° (4.5°)	3.9° (3.9°)	
_	/ത=്ത		5.1° (5.1°)	4.1 (4.5°)	3.1 (3.9°)	
	TO OT		(4.6)	(3.2)	(2.4)	
4.5 m	10 <sup></sup> 01		5.4° (5.4°)	4.6° (4.6°)	3.9 (4.0°)	
	/0=01		5.4° (5.4°)	4.0 (4.6°)	3.0 (4.0°)	
	10 <b>-</b> 01	(6.8)	(4.4)	(3.1)	(2.4)	
3 m	10-01	7.6° (7.6°)	5.9° (5.9°)	4.8° (4.8°)	3.8 (4.0°)	
_	/ത=്ത	7.6° (7.6°)	5.5 (5.9°)	3.9 (4.8°)	3.0 (4.0°)	
	10 <b>-</b> 01	(6.3)	(4.2)	(3.0)	(2.3)	
1.5 m	10 <sup></sup> 01	8.7° (8.7°)	6.3° (6.3°)	4.9° (4.9°)	3.7 (3.9°)	
	/ത=്ത	8.2 (8.7°)	5.3 (6.3°)	3.8 (4.9°)	2.9 (3.9°)	
	TO=01	(5.9)	(4.0)	(2.9)	(2.2)	
0 m	10 <sup></sup> 01	9.0° (9.0°)	6.4° (6.4°)	4.8° (4.8°)	3.6° (3.6°)	
_	/0=01	7.8 (9.0°)	5.1 (6.4°)	3.7 (4.8°)	2.8 (3.6°)	
	<sup>1</sup> 0 <sup>2</sup> 0 <sup>1</sup>	(5.7)	(3.8)	(2.8)	(2.2)	
–1.5 m	10 <sup></sup> 01	8.1° (8.1°)	5.8° (5.8°)	4.3° (4.3°)	3.0° (3.0°)	
_	/ത=്ത	7.6 (8.1°)	4.9 (5.8°)	3.6 (4.3°)	2.8 (3.0°)	
	"0 <sup></sup> 0"	(5.7)	(3.8)	(2.8)		
-3 m	10 <sup></sup> 01	6.0° (6.0°)	4.4° (4.4°)	3.1° (3.1°)		
	/0=01	6.0° (6.0°)	4.4° (4.4°)	3.1° (3.1°)		
					max. reach	
	יס=סי				(1.9)	
1.9 m	10 <b>-</b> 01				3.0° (3.0°)	
	/0_01				2.4 (3.0°)	

**Recommended attachments upon request** 

A Height

Reach

Center of rotation

The lift capacity values are stated in metric tons (t). 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 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. The machine has to be supported on a level ground for object handling application.

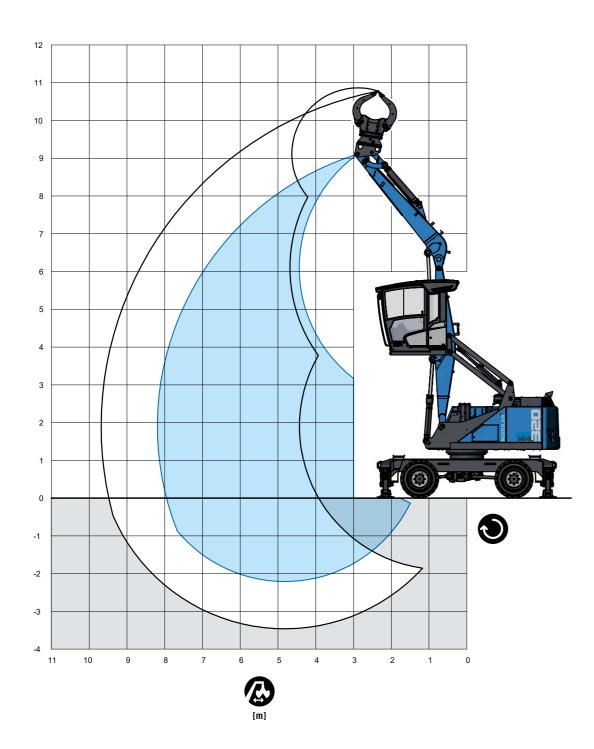
#### LIFTING CAPACITY



REACH

# **8.2 m** with multi-purpose stick





		3 m	4.5 m	6 m	7.5 m
	™ <b>0<sup>11</sup>0</b> 1		(6.8°)		
7.5 m	ro <del>-</del> oi		6.8° (6.8°)		
	/0=01		6.8° (6.8°)		
	™ <b>0<sup>—</sup>0</b> ™		(6.8°)	(4.3)	
6 m	ro <del>-</del> oi		6.8° (6.8°)	5.9° (5.9°)	
	/0=01		6.8° (6.8°)	5.5 (5.9°)	
	<sup>1</sup> 0 <sup></sup> 0 <sup>1</sup>		(6.8)	(4.3)	(3.0)
4.5 m	10 <sup>-01</sup>		7.2° (7.2°)	6.0° (6.0°)	4.8° (4.8°)
	/0=01		7.2° (7.2°)	5.4 (6.0°)	3.8 (4.8°)
	<sup>1</sup> 0 <sup>-0</sup> 1	(9.4°)	(6.5)	(4.2)	(2.9)
3 m	10 <sup></sup> 01	9.4° (9.4°)	8.2° (8.2°)	6.3° (6.3°)	4.8 (4.9°)
	/0=01	9.4° (9.4°)	8.2° (8.2°)	5.3 (6.3°)	3.7 (4.9°)
	10 <sup>-01</sup>	(10.5)	(6.2)	(4.0)	(2.9)
1.5 m	10 <sup></sup> 01	10.5 (10.5)	9.1° (9.1°)	6.4° (6.4°)	4.7° (4.7°)
	/0=01	10.5 (10.5)	8.1 (9.1°)	5.1 (6.4°)	3.7 (4.7°)
	10 <sup>-01</sup> 01	(7.4°)	(5.9)	(3.9)	(2.8)
0 m	10 <sup></sup> 01	7.4° (7.4°)	8.8° (8.8°)	6.0° (6.0°)	4.0° (4.0°)
	/0=01	7.4° (7.4°)	7.8 (8.8°)	5.0 (6.0°)	3.6 (4.0°)
	<sup>1</sup> 0 <sup>-0</sup> 01	(8.0°)	(5.8)	(3.8)	
–1.5 m	10 <sup></sup> 01	8.0° (8.0°)	6.9° (6.9°)	4.5° (4.5°)	
	/0=01	8.0° (8.0°)	6.9° (6.9°)	4.5° (4.5°)	
					max. reach 8.1 m
	™ <b>0<sup>=-</sup>0</b> ™				(2.5)
1.9 m	10 <b>-</b> 01				4.0° (4.0°)
	/0=01				3.2 (4.0°)

**Recommended attachments upon request** 

Reach

Height

Center of rotation

The lift capacity values are stated in metric tons (t). 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 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. The machine has to be supported on a level ground for object handling application.

### LIFTING CAPACITY

1

0

-1

-2

-3

-4

11

10

9

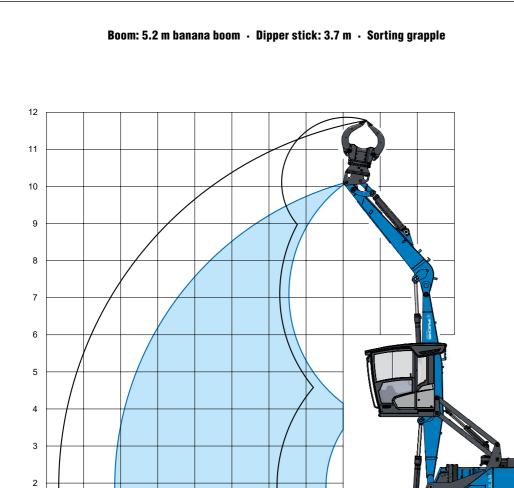
7

8



REACH

# **9.2 m** with multi-purpose stick



5

6

[m]

3

2

1

0

4

0

M)						
		4.5 m	6 m	7.5 m	9 m	
_	<sup>1</sup> 0 <sup>20</sup> 01	(6.5°)				
9 m	ര <b>-</b> ത	6.5° (6.5°)				
	/0=01	6.5° (6.5°)				
	ਾਰ=ਰਾ	(6.8°)	(4.3)			
7.5 m	ര‴ത	6.8° (6.8°)	5.6° (5.6°)			
	/0=01	6.8° (6.8°)	5.5 (5.6°)			
	" <b>ວ</b> ີວ"	(6.9°)	(4.3)	(3.0)		
6 m	10=01	6.9° (6.9°)	5.6° (5.6°)	4.7° (4.7°)		
	/0=01	6.9° (6.9°)	5.5 (5.6°)	3.8 (4.7°)		
	<sup>1</sup> 0 <sup>11</sup> 01	(6.6)	(4.2)	(2.9)		
4.5 m	ത്ത	7.5° (7.5°)	5.8° (5.8°)	4.7° (4.7°)		
	/0=01	7.5° (7.5°)	5.3 (5.8°)	3.7 (4.7°)		
	"o <sup>=</sup> o"	(6.2)	(4.0)	(2.8)	(2.1)	
3 m	10 <sup>=</sup> 01	8.4° (8.4°)	6.1° (6.1°)	4.7° (4.7°)	3.6° (3.6°)	
	/0=01	8.1 (8.4°)	5.1 (6.1°)	3.6 (4.7°)	2.7 (3.6°)	
	<sup>1</sup> 0 <sup></sup> 01	(5.8)	(3.8)	(2.7)	(2.1)	
1.5 m	10=01	8.8° (8.8°)	6.2° (6.2°)	4.6° (4.6°)	3.2° (3.2°)	
	/0=01	7.7 (8.8°)	4.9 (6.2°)	3.5 (4.6°)	2.7 (3.2°)	
	"o <sup>=</sup> o"	(5.6)	(3.7)	(2.7)		
0 m	10 <sup>=</sup> 01	8.0° (8.0°)	5.7° (5.7°)	4.1° (4.1°)		
	/0=01	7.4 (8.0°)	4.8 (5.7°)	3.5 (4.1°)		
	<sup>1</sup> 0 <sup></sup> 01	(5.5)	(3.6)	(2.6)		
-1.5 m	ത്ത	6.0° (6.0°)	4.4° (4.4°)	3.0° (3.0°)		
	/0=01	6.0° (6.0°)	4.4° (4.4°)	3.0° (3.0°)		
					max. reac	
	<sup>1</sup> 0 <sup></sup> 01				(2.0)	
1.9 m	ര്ത				3.2° (3.2°)	
	/0=01				2.6 (3.2°)	

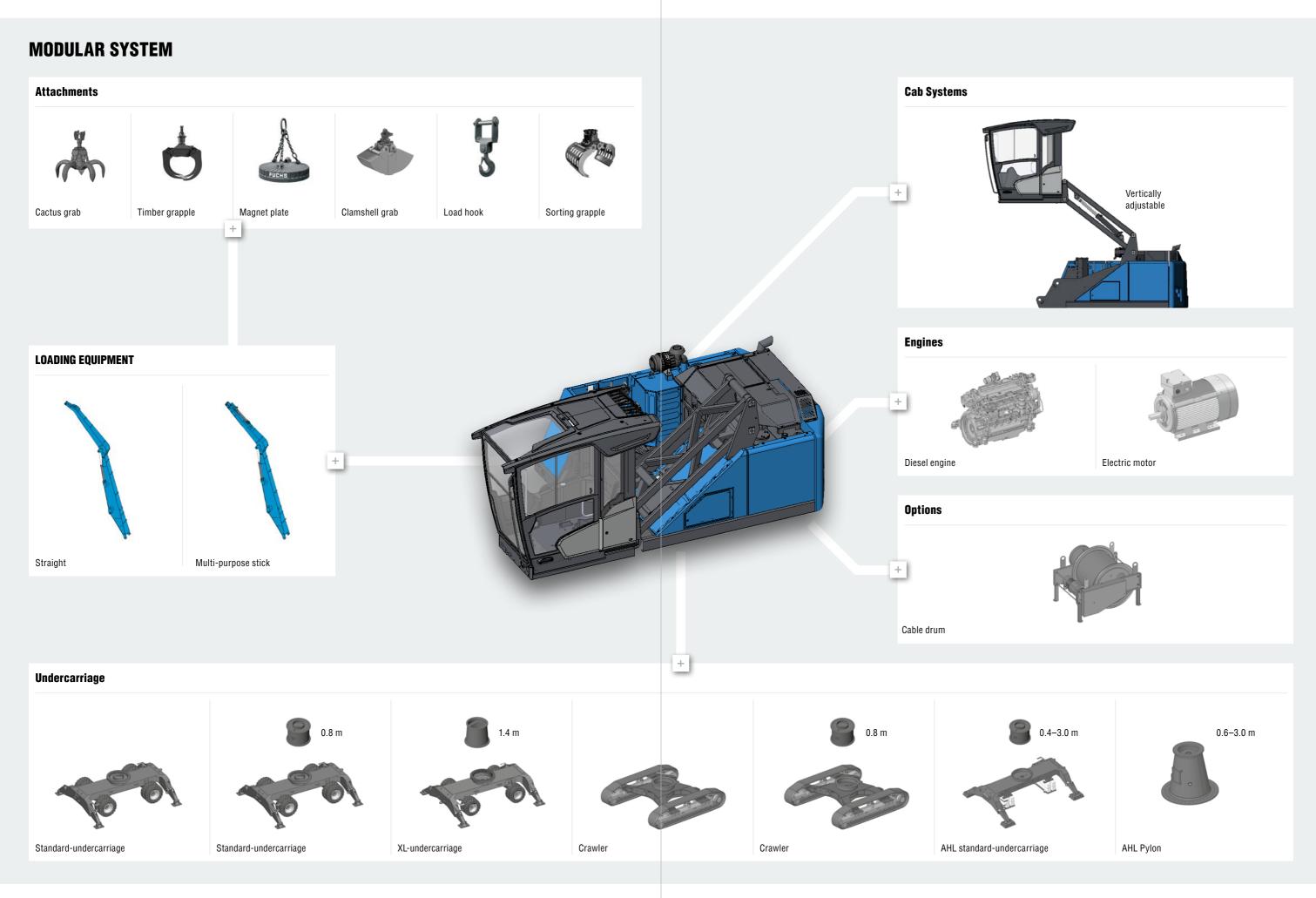
**Recommended attachments upon request** 

A Height

Reach Center of rotation

The lift capacity values are stated in metric tons (t). 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 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. The machine has to be supported on a level ground for object handling application.

### LIFTING CAPACITY



MHL320 MODULAR<sup>+</sup>



#### www.terex-fuchs.com

September 2024. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. © Terex Corporation 2024 - Terex, the Terex Crown design, Fuchs and Works For You are trademarks of Terex Corporation or its subsidiaries.



Terex® Deutschland GmbH | Industriestraße 3 | 76669 Bad Schönborn | Germany | Fon: +49 (0) 7253 84-0 | Fax: +49 (0) 7253 84-102 | info@terex-fuchs.com