







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 + 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

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.



*Availability varies depending on mode

ELECTRIC MOTOR + BATTERY PACK

Our latest innovation. With the battery power pack, your MHL320 MODULAR+ 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

MHL320 MODULAR ⁺	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 l	3.61	3.8 I
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 and 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 I	275 I
Urea Tank (AdBlue)	20		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	$2\times LED$ floodlights at the front of the machine,	rear parking lights and indicator lights, $2 \times \text{LED} \ v$	vorking lights on cab
Lighting system Electric motor	$2 \times LED$ floodlights at the front of the machine,	rear parking lights and indicator lights, $2 \times \text{LED} \ \text{v}$	vorking lights on cab
	$2\times LED$ floodlights at the front of the machine, $$75\ kW$$	rear parking lights and indicator lights, 2 × LED v	vorking lights on cab
Electric motor	•	rear parking lights and indicator lights, 2 × LED v	vorking lights on cab
Electric motor Power	75 kW	rear parking lights and indicator lights, 2 × LED v	vorking lights on cab
Electric motor Power Total connected load	75 kW 100 kW	rear parking lights and indicator lights, 2 × LED v	vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel	75 kW 100 kW Via soft start		vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) Tery Pack (enables grid independent driving &		vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request)		vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) Cery Pack (enables grid independent driving & 66 kWh (Basic)		vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) EERY Pack (enables grid independent driving & 66 kWh (Basic) Li-lon Battery		vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) (ery Pack (enables grid independent driving & via 66 kWh (Basic) Li-lon Battery Min. 3.000	working at full power)	vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) EERY Pack (enables grid independent driving & 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable	working at full power)	vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) Cery Pack (enables grid independent driving & via 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable el power pack (enables grid independent driving and pack)	working at full power)	vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power (Diesel Power Pack)	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) Cery Pack (enables grid independent driving & 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable el power pack (enables grid independent driving & 64 kWh	working at full power)	vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power (Diesel Power Pack) Exhaust emission standard Types	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) EERY Pack (enables grid independent driving & via 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable EI power pack (enables grid independent driving 36.4 kW EU Stage V / U.S. Tier 4	working at full power)	vorking lights on cab
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power (Diesel Power Pack) Exhaust emission standard Types Travel drive	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) EERY Pack (enables grid independent driving & via 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable EI power pack (enables grid independent driving 36.4 kW EU Stage V / U.S. Tier 4	working at full power)	
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power (Diesel Power Pack) Exhaust emission standard Types Travel drive Hydrostatic travel drive via infini	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) (ery Pack (enables grid independent driving & via 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable el power pack (enables grid independent driving 36.4 kW) EU Stage V / U.S. Tier 4 Integrated or mobile	working at full power)	
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power (Diesel Power Pack) Exhaust emission standard Types Travel drive Hydrostatic travel drive via infinit Travel speed 1st gear	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) Gery Pack (enables grid independent driving & 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable el power pack (enables grid independent driving 36.4 kW EU Stage V / U.S. Tier 4 Integrated or mobile	working at full power)	
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power (Diesel Power Pack) Exhaust emission standard Types Travel drive Hydrostatic travel drive via infinit Travel speed 1st gear	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) Eery Pack (enables grid independent driving & via 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable el power pack (enables grid independent driving 36.4 kW) EU Stage V / U.S. Tier 4 Integrated or mobile itely variable axial piston motor with directly mounted max. 5 kph	working at full power)	
Electric motor Power Total connected load Motor start Optional cable reel Electric Motor + Batt Battery capacity Battery type Full charge cycles Others Electric motor + diese Engine power (Diesel Power Pack) Exhaust emission standard Types Travel drive Hydrostatic travel drive via infinit Travel speed 2nd gear	75 kW 100 kW Via soft start Up to 50 metres (other lengths on request) Eery Pack (enables grid independent driving & via 66 kWh (Basic) Li-lon Battery Min. 3.000 Scalable or retrofittable El power pack (enables grid independent driving 36.4 kW) EU Stage V / U.S. Tier 4 Integrated or mobile itely variable axial piston motor with directly mounted max. 5 kph max. 19 kph	working at full power)	

TECHNICAL DATA

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 transmissi	ion, acting on both front and rear axle			
Hydraulic system					
Variable-displacement axial-piston pump	With load sensing, coupled with load-independent flow distri	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	e fan		
Operator's cab					
Cab	Infinitely variable hydraulic height-adjustable cabin with slid for best all-round visibility, front window with roller blind, gl exchangers, fresh and recirculated air filters. Multifunction t radio (DAB+, USB, Bluetooth and hands-free), USB charging	lass panel in the cabin roof with sliding blind. Heati touch display, bottle holder, paper clip and multiple	ing and air conditioning, separate he		
	Infinitely variable hydraulic height-adjustment with eye le				
Air conditioning	Automatic air-conditioning. Hot water heating with variable to	emperature control and 8-speed fan, 10 adjustable	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 temperat option for the individual sensors via the multifunction displ	ture – diesel particulate filter loading, steering), vis	sual and audible warning. Diagnosti		
	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)		
	L _{wA} 97.7 dB(A) (metered) acc. to directive 2000/14/EC	$L_{\mbox{\tiny WA}}99,\!3\mbox{ dB(A)}$ (metered) acc. to directive 2000/14/EC	to be determined		
	$L_{\mbox{\tiny WA}}$ 99 dB(A) (guaranteed) acc. to directive 2000/14/EC	L _{wa} 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	Optical Endoweners		
	L _{pA} 72 dB(A)	L _{pA} 69 dB(A)			
Vibrations	Weighted r.m.s. value of acceleration of upper limbs under	er 2.5 m/s² (98 in/s²)			



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		

EQUIPMENT

Operator's Cab	Standard	Option
Washing device for roof window		•
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	•	

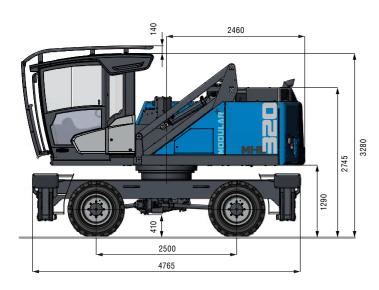


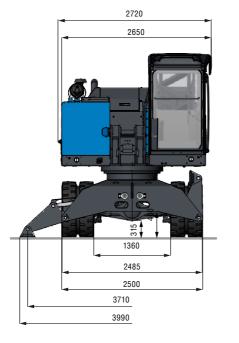
DIMENSIONS

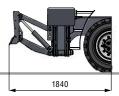
4-point stabilizers

Side view

all dimensions in mm







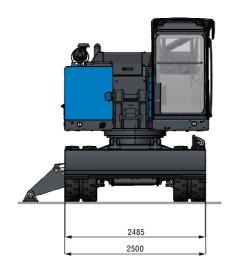
Dozer blade in addition to 4-point stabilizers

2-point Stabilizers and support blade

Side view

all dimensions in mm

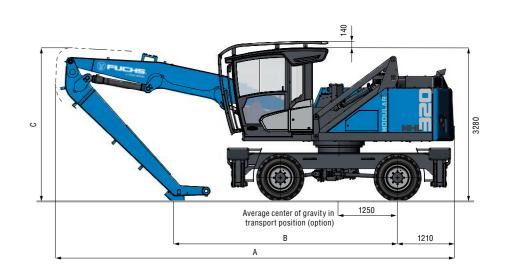


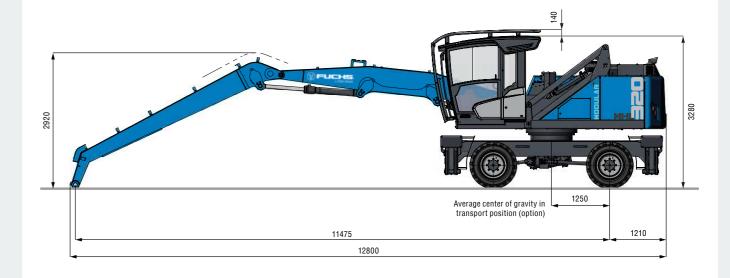


TRANSPORT DIMENSIONS

Side view

all dimensions in mm





	& 8.2 m **	9.2 m**	9.5 m	10.4 m
A	7545 mm	8625 mm	8510 mm	8070 mm
В	3480 mm	4140 mm	4745 mm	4035 mm
С	3150 mm	2850 mm	3275 mm	4825 mm

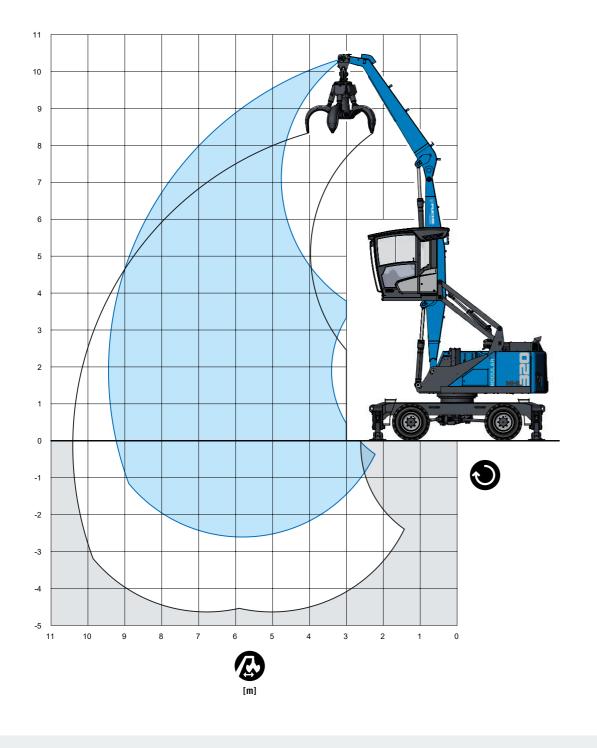
^{**} Multi-purpose stick



REACH

9.5 m with dipper stick

Boom: 5.2 m · Dipper stick: 4 m · Fuchs cactus grab



LIFTING CAPACITY

		4.5 m	6 m	7.5 m	9 m
	10 -0 1	(6.5°)			
9 m	to ≖ oı	6.5° (6.5°)			
	/o = o1	6.5° (6.5°)			
	™o ™ o1		(4.6)		
7.5 m	to <u>≖</u> oı		5.7° (5.7°)		
	/ଚ = ତୀ		5.7° (5.7°)		
	™o ™ o¹		(4.5)	(3.2)	
6 m	to ≖ oı		5.7° (5.7°)	4.9° (4.9°)	
	/o = o1		5.7° (5.7°)	4.0 (4.9°)	
	™o ™ o¹	(6.9)	(4.4)	(3.2)	(2.4)
4.5 m	ro ≖ oı	7.5° (7.5°)	6.0° (6.0°)	4.9° (4.9°)	3.8 (4.0°)
	/o = o1	7.5° (7.5°)	5.6 (6.0°)	4.0 (4.9°)	3.0 (4.0°)
	™o ™ o¹	(6.5)	(4.3)	(3.1)	(2.3)
3 m	ro ≖ oı	8.5° (8.5°)	6.3° (6.3°)	5.0° (5.0°)	3.8 (3.9°)
	/ଚ ୍ ଟ୍ର	8.4 (8.5°)	5.4 (6.3°)	3.9 (5.0°)	2.9 (3.9°)
	™o ™ o™	(6.1)	(4.1)	(3.0)	(2.3)
1.5 m	ro ≖ oı	9.2° (9.2°)	6.5° (6.5°)	4.9° (4.9°)	3.7° (3.7°)
	/o = o1	8.0 (9.2°)	5.2 (6.5°)	3.8 (4.9°)	2.9 (3.7°)
	™o ™ o™	(5.9)	(3.9)	(2.9)	(2.3)
0 m	ro ≖ oı	8.6° (8.6°)	6.2° (6.2°)	4.5° (4.5°)	3.1° (3.1°)
	/ଚ ୍ ଟ୍ରୀ	7.7 (8.6°)	5.0 (6.2°)	3.7 (4.5°)	2.9 (3.1°)
	™o ™ o¹	(5.8)	(3.9)	(2.9)	
–1.5 m	ro − o₁	6.8° (6.8°)	5.1° (5.1°)	3.6° (3.6°)	
	/ତ " ତୀ	6.8° (6.8°)	5.0 (5.1°)	3.6° (3.6°)	
					max. reach 9.5
	To o [†]				(2.2)
1.9 m	to <u>≖</u> oı				3.4° (3.4°)
	/o = o1				2.7 (3.4°)

Recommended attachments upon request

√ Height





4-point supported

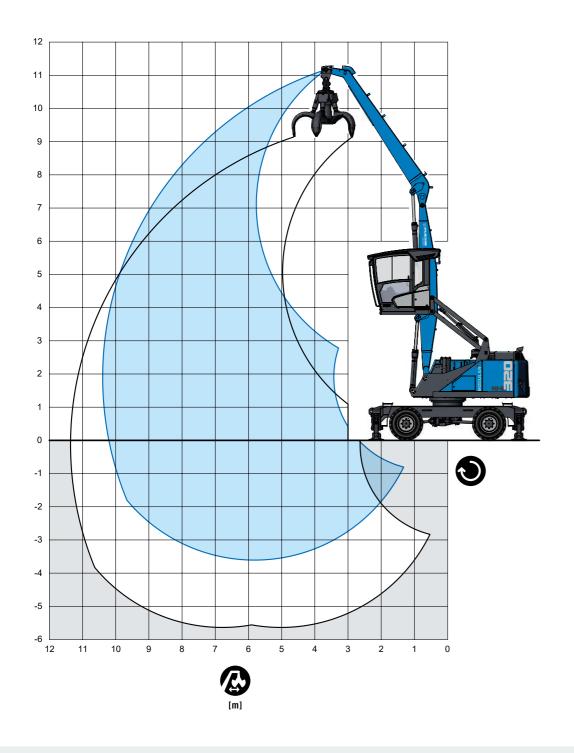
The lift capacity values are stated in metric tons (t). In accordance with ISO 10567, the lift capacity values represents 75 % of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the 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.



REACH

10.4 m with dipper stick

Boom: 5.2 m · Dipper stick: 5 m · Fuchs Cactus grab



LIFTING CAPACITY

A j					
		4.5 m	6 m	7.5 m	9 m
	To ™ o¹	(5.2°)			
10.5 m	ro ≖ oı	5.2° (5.2°)			
	/ତ = ତୀ	5.2° (5.2°)			
	™o™o™		(4.7)		
9 m	ro ≖ oı		4.9° (4.9°)		
	/ତ ୍ ଲ୍ଗ		4.9° (4.9°)		
	To [™] o¹		(4.7)	(3.3)	
7.5 m	to <u>≖</u> oı		5.0° (5.0°)	4.5° (4.5°)	
	/ତ " ତୀ		5.0° (5.0°)	4.1 (4.5°)	
	To ™ oT		(4.7)	(3.3)	(2.4)
6 m	ro ≖ oı		5.1° (5.1°)	4.5° (4.5°)	3.9° (3.9°)
	/ତ = ତୀ		5.1° (5.1°)	4.1 (4.5°)	3.1 (3.9°)
	To ™ oT		(4.6)	(3.2)	(2.4)
4.5 m	ro ≖ on		5.4° (5.4°)	4.6° (4.6°)	3.9 (4.0°)
	/ତ = ତୀ		5.4° (5.4°)	4.0 (4.6°)	3.0 (4.0°)
	™o ™ o™	(6.8)	(4.4)	(3.1)	(2.4)
3 m	ro ≖ oı	7.6° (7.6°)	5.9° (5.9°)	4.8° (4.8°)	3.8 (4.0°)
	/ତ = ତୀ	7.6° (7.6°)	5.5 (5.9°)	3.9 (4.8°)	3.0 (4.0°)
	To ™ oT	(6.3)	(4.2)	(3.0)	(2.3)
1.5 m	ro ≖ oı	8.7° (8.7°)	6.3° (6.3°)	4.9° (4.9°)	3.7 (3.9°)
	/ତ = ତୀ	8.2 (8.7°)	5.3 (6.3°)	3.8 (4.9°)	2.9 (3.9°)
	™o ™ o™	(5.9)	(4.0)	(2.9)	(2.2)
0 m	ര ~ ത	9.0° (9.0°)	6.4° (6.4°)	4.8° (4.8°)	3.6° (3.6°)
	/ତ " ତୀ	7.8 (9.0°)	5.1 (6.4°)	3.7 (4.8°)	2.8 (3.6°)
	To [™] oT	(5.7)	(3.8)	(2.8)	(2.2)
-1.5 m	to <u>≖</u> oı	8.1° (8.1°)	5.8° (5.8°)	4.3° (4.3°)	3.0° (3.0°)
	/ତ = ତୀ	7.6 (8.1°)	4.9 (5.8°)	3.6 (4.3°)	2.8 (3.0°)
	To [™] o¹	(5.7)	(3.8)	(2.8)	
−3 m	ro ≖ oı	6.0° (6.0°)	4.4° (4.4°)	3.1° (3.1°)	
	/ତ ୍ ଦୀ	6.0° (6.0°)	4.4° (4.4°)	3.1° (3.1°)	
					max. reach 10.4
	™o™o™				(1.9)
1.9 m	ro ≖ oı				3.0° (3.0°)
	/ତ " ତୀ				2.4 (3.0°)

Recommended attachments upon request

/♣↑ Height





Center of rotation



4-point supported

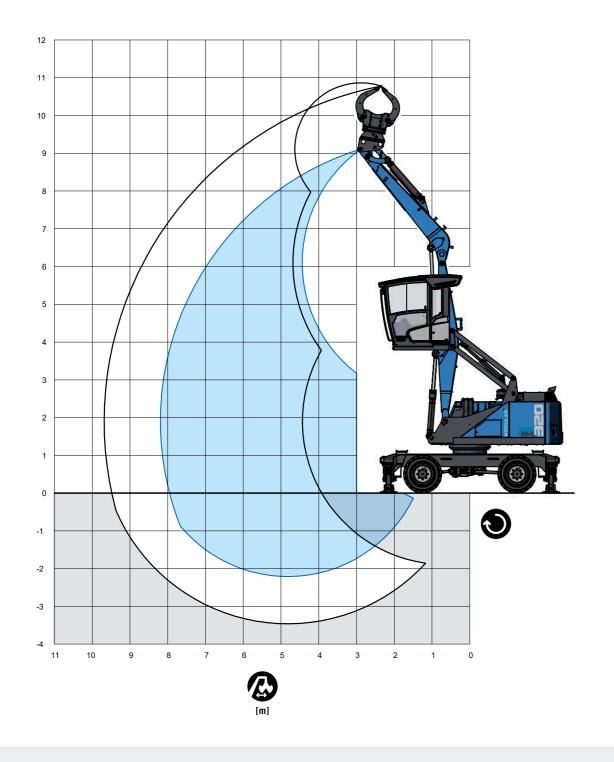
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REACH

8.2 m with multi-purpose stick

Boom: 4.2 m · Dipper stick: 3.7 m · Sorting grapple



LIFTING CAPACITY

			(i		
		3 m	4.5 m	6 m	7.5 m
-		5			7.0
	™ο ™ ο*		(6.8°)		
7.5 m	lo <u>≖</u> oı		6.8° (6.8°)		
	/ତ ୍ ଦୀ		6.8° (6.8°)		
	10 - 01		(6.8°)	(4.3)	
6 m	ro − oı		6.8° (6.8°)	5.9° (5.9°)	
	/ତ ୍ ଦୀ		6.8° (6.8°)	5.5 (5.9°)	
	10 <u>—</u> 01		(6.8)	(4.3)	(3.0)
4.5 m	to <u>≖</u> oı		7.2° (7.2°)	6.0° (6.0°)	4.8° (4.8°)
	/ତ " ତୀ		7.2° (7.2°)	5.4 (6.0°)	3.8 (4.8°)
	10 -0 1	(9.4°)	(6.5)	(4.2)	(2.9)
3 m	ര ~ ത	9.4° (9.4°)	8.2° (8.2°)	6.3° (6.3°)	4.8 (4.9°)
	/ତ ୍ ଦର	9.4° (9.4°)	8.2° (8.2°)	5.3 (6.3°)	3.7 (4.9°)
	TO TO	(10.5)	(6.2)	(4.0)	(2.9)
1.5 m	ro ≖ on	10.5 (10.5)	9.1° (9.1°)	6.4° (6.4°)	4.7° (4.7°)
	/ତ = ତୀ	10.5 (10.5)	8.1 (9.1°)	5.1 (6.4°)	3.7 (4.7°)
	10 - 01	(7.4°)	(5.9)	(3.9)	(2.8)
0 m	ര - ത	7.4° (7.4°)	8.8° (8.8°)	6.0° (6.0°)	4.0° (4.0°)
	/ଟ = ତୀ	7.4° (7.4°)	7.8 (8.8°)	5.0 (6.0°)	3.6 (4.0°)
	™o - o¹	(8.0°)	(5.8)	(3.8)	
-1.5 m	ര - ത	8.0° (8.0°)	6.9° (6.9°)	4.5° (4.5°)	
	/ତ = ତୀ	8.0° (8.0°)	6.9° (6.9°)	4.5° (4.5°)	

	**************************************	(2.5)	
1.9 m	to <u>_</u> oJ	4.0° (4.0°)	
	/o = o1	3.2 (4.0°)	

Recommended attachments upon request

/♣↑ Height

Center of rotation

4-point supported

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.

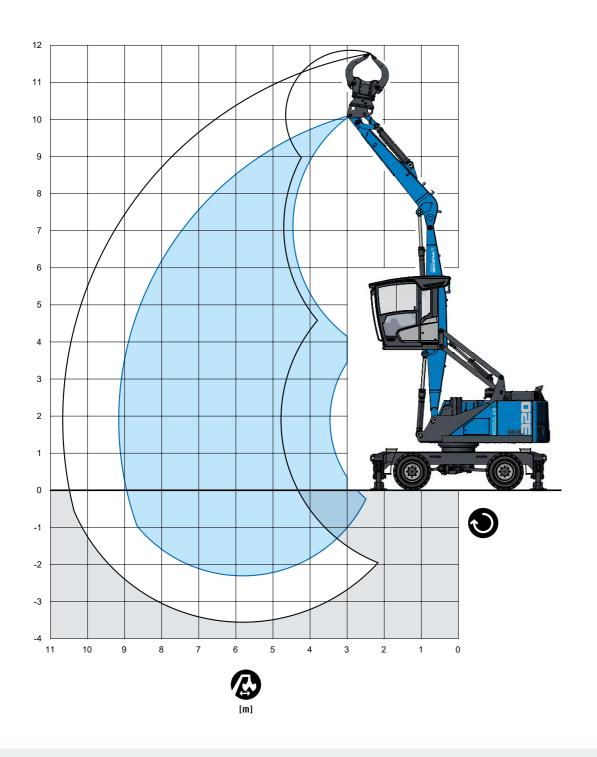


2.6 (3.2°)

REACH

9.2 m with multi-purpose stick

Boom: 5.2 m banana boom \cdot Dipper stick: 3.7 m \cdot Sorting grapple



LIFTING CAPACITY

			(i		
		4.5 m	6 m	7.5 m	9 m
	™o™o¹	(6.5°)			
9 m	ര - ത	6.5° (6.5°)			
	/ଚ = ତୀ	6.5° (6.5°)			
	™o™o¹	(6.8°)	(4.3)		
7.5 m	ro - on	6.8° (6.8°)	5.6° (5.6°)		
	/ଚ <mark>=</mark> ଚୀ	6.8° (6.8°)	5.5 (5.6°)		
	TO TO	(6.9°)	(4.3)	(3.0)	
6 m	ro ≖ on	6.9° (6.9°)	5.6° (5.6°)	4.7° (4.7°)	
	/ତ = ତୀ	6.9° (6.9°)	5.5 (5.6°)	3.8 (4.7°)	
	™o = o1	(6.6)	(4.2)	(2.9)	
4.5 m	ro ≖o n	7.5° (7.5°)	5.8° (5.8°)	4.7° (4.7°)	
	/ତ = ତୀ	7.5° (7.5°)	5.3 (5.8°)	3.7 (4.7°)	
	TO TO	(6.2)	(4.0)	(2.8)	(2.1)
3 m	ro ≖ on	8.4° (8.4°)	6.1° (6.1°)	4.7° (4.7°)	3.6° (3.6°)
	/ତ = ତୀ	8.1 (8.4°)	5.1 (6.1°)	3.6 (4.7°)	2.7 (3.6°)
	To™oT	(5.8)	(3.8)	(2.7)	(2.1)
1.5 m	ro ≖ oı	8.8° (8.8°)	6.2° (6.2°)	4.6° (4.6°)	3.2° (3.2°)
	/ତ ୍ ଲ୍	7.7 (8.8°)	4.9 (6.2°)	3.5 (4.6°)	2.7 (3.2°)
	™o ™ o¹	(5.6)	(3.7)	(2.7)	
0 m	ro ≖ on	8.0° (8.0°)	5.7° (5.7°)	4.1° (4.1°)	
	/ତ ୍ ଦରୀ	7.4 (8.0°)	4.8 (5.7°)	3.5 (4.1°)	
	™o ™ o*	(5.5)	(3.6)	(2.6)	
1.5 m	ro ≖ on	6.0° (6.0°)	4.4° (4.4°)	3.0° (3.0°)	
	/ര ~ ത	6.0° (6.0°)	4.4° (4.4°)	3.0° (3.0°)	
					max. reach 9
	"o " o"				(2.0)
1.9 m	to <u>≖</u> oı				3.2° (3.2°)

Recommended attachments upon request

√ Height



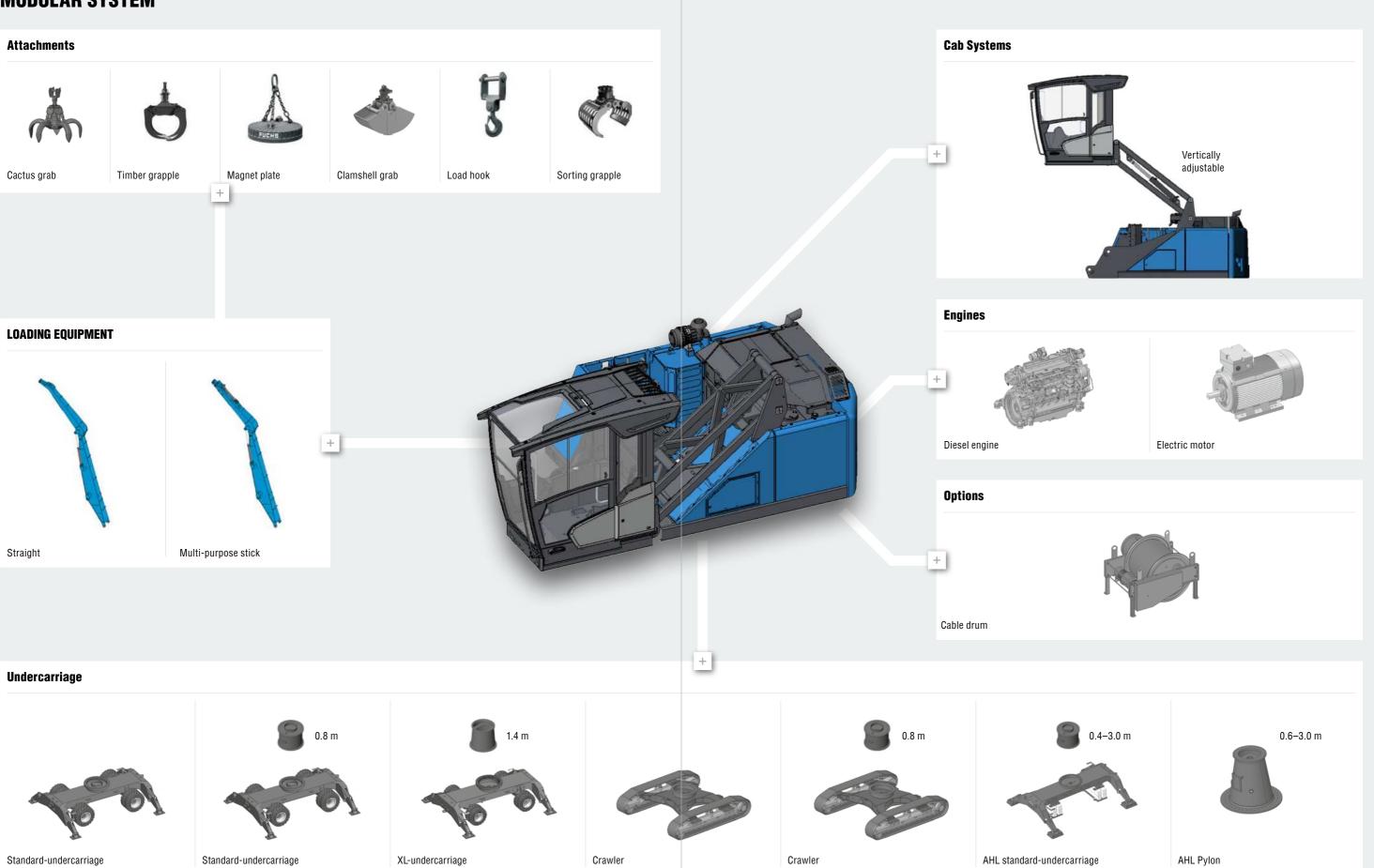


4-point supported

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.



MODULAR SYSTEM





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