



127/130 hp 🖨 75 kW

đ





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.



*Availability varies depending on model

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+ 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.*





MHL320 MODULAR+

TECHNICAL DATA

| MHL320 MODULAR ⁺ | 42,549-47,399 lbs* | | | | |
|---|--|---|--|--|--|
| 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, turbo- charged with intercooler, controlled exhaust gas recirculation, diesel particulate filter with continu- ous 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 particulate filter with continuous regeneration and SCR catalytic converter | | |
| Engine power | 127 hp | 127 hp | 130 hp | | |
| Rated speed | 1800 rpm | 1800 rpm | 1800 rpm | | |
| Displacement | 220 cui | 220 cui | 232 cui | | |
| 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 | U.S. Tier 4 / EU Stage V / China 4 | U.S. Tier 3 / EU Stage IIIA* | U.S. Tier 3 / EU Stage IIIA* | | |
| Fuel tank | 73 gal | 73 gal | 73 gal | | |
| Urea Tank (AdBlue) | 5,3 gal | | 10 gal | | |
| 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, real | ar parking lights and indicator lights, 2 × LED wor | king lights on cab | | |
| Electric motor | | | | | |
| Power | 75 kW | | | | |
| Total connected load | 100 kW | | | | |
| Motor start | Via soft start | | | | |
| Optional cable reel | Up to 164 ft (other lengths on request) | | | | |
| Electric Motor + Batto | ery Pack (enables grid independent driving & w | vorking 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 | el power pack (enables grid independent drivi | ng) | | | |
| Engine power (Diesel Power Pack) | 48,8 hp | | | | |
| | U.S. Tier 4 / EU Stage V | | | | |
| Exhaust emission standard | | | | | |
| Exhaust emission standard Types | Integrated or mobile | | | | |
| Туреѕ | Integrated or mobile | | | | |
| Types Travel drive | Integrated or mobile tely variable axial piston motor with directly mounted to | ravel brake valve, two-speed manual gearshift, 4-wh | eel drive | | |
| Types Travel drive Hydrostatic travel drive via infinit | · · · · · · · · · · · · · · · · · · · | ravel brake valve, two-speed manual gearshift, 4-wh | eel drive | | |
| Types Travel drive Hydrostatic travel drive via infinit Travel speed 1st gear | tely variable axial piston motor with directly mounted to | ravel brake valve, two-speed manual gearshift, 4-wh | eel drive | | |
| Types Travel drive | tely variable axial piston motor with directly mounted to max. 3.1 mph | ravel brake valve, two-speed manual gearshift, 4-wh | leel drive | | |
| Types Travel drive Hydrostatic travel drive via infinit Travel speed 1st gear Travel speed 2nd gear | tely variable axial piston motor with directly mounted to max. 3.1 mph max. 11.8 mph | ravel brake valve, two-speed manual gearshift, 4-wh | eel drive | | |

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 mou | nted | | | |
| Rear axle | Oscillating planetary drive rear axle with integrated drum bra | ike 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 wh | eel pairs (drum brakes) | | | |
| Parking brake | Electrically operated spring-loaded drum brake at transmission, | acting on both front and rear axle | | | |
| Hydraulic system | | | | | |
| Variable-displacement axial-piston pump | With load sensing, coupled with load-independent flow distribut | ion, simultaneous independent control of all working | functions | | |
| Max. pump capacity | 81 gpm | | | | |
| Max. operating pressure | 4641 / 5076 psi | | | | |
| Hydraulic oil tank | 72 gal | | | | |
| Filtration | Flow-optimized return filters, integrated in the oil tank. Filter les with 10 µm. Very good separation values are already achi | | | | |
| 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 sliding door. Reinforced steel structure, soundproofed, heat-insulated panoramic windows for best all-round visibility, front window with roller blind, glass panel in the cabin roof with sliding blind. Heating and air conditioning, separate heat exchangers, fresh and recirculated air filters. Multifunction touch display, bottle holder, paper clip and multiple storage and mounting options. Digital radio (DAB+, USB, Bluetooth and hands-free), USB charging station 5V. Infinitely variable hydraulic height-adjustment with eye level up to 17'4" above ground | | | | |
| Air conditioning | Automatic air-conditioning. Hot water heating with variable temp | | zzles 3 defroster nozzles | | |
| Operator's seat | Air-cushioned comfort seat with swinging armrests / joysticks ment options for the seat position, seat inclination and the arm | s, safety belt, lumbar support and headrest. Enables | fatigue-free work due to universal adj | | |
| Monitoring | Ergonomically arranged, glare-free Multifunction display. Auto raulic oil temperature – coolant and charge air temperature – d individual sensors via the multifunction display. Rear view and | iesel particulate filter loading, steering), visual and a | udible warning. Diagnostic option for t | | |
| | U.S. Tier 4 / EU Stage V | U.S. Tier 3 / EU Stage IIIA* | U.S. Tier 4 / EU Stage V | | |
| Noise level | Sound power level (ambience) | Sound power level (ambience) | Sound power level (ambience) | | |
| | $L_{\scriptscriptstyle WA}$ 97.7 dB(A) (metered) acc. to directive 2000/14/EC | L _{WA} 99,3 dB(A) (metered) acc. to directive 2000/14/EC | to be determined | | |
| | L _{wA} 99 dB(A) (guaranteed) acc. to directive 2000/14/EC Sound pressure level (inside the cabin) acc. to standard ISO 6396 | L _{wa} 100 dB(A) (guaranteed) acc. to directive 2000/14/EC | TBD | | |
| | | Sound pressure level (inside the cabin) acc. to standard ISO 6396 | | | |
| | L _{pA} 72 dB(A) | L _{pA} 69 dB(A) | | | |
| Vibrations | Weighted r.m.s. value of acceleration of upper limbs under 2 | 5 m/o2 (09 in/o2) | | | |



07



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 | • | |

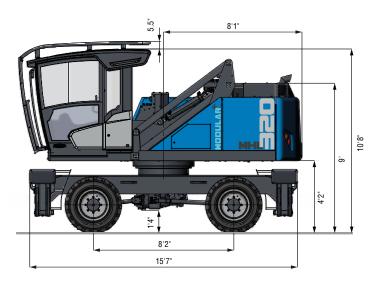


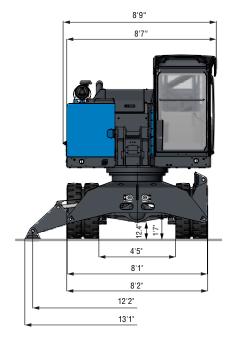
DIMENSIONS

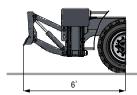
4-point stabilizers

Side view

all dimensions in ft & in







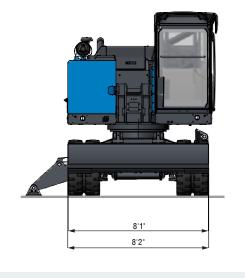
Dozer blade in addition to 4-point stabilizers

2-point Stabilizers and support blade

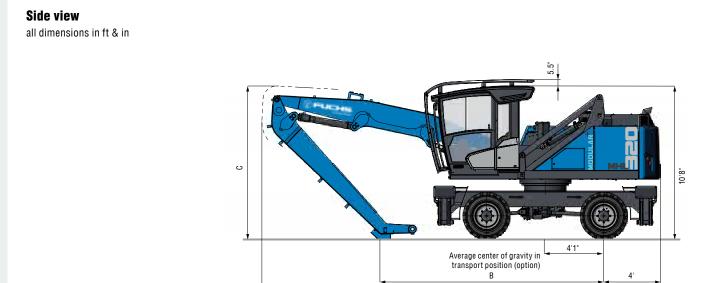
Side view

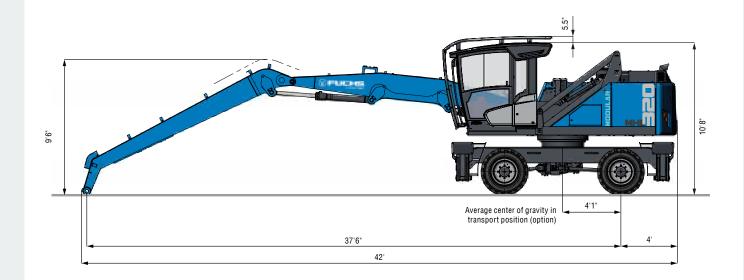
all dimensions in ft & in





TRANSPORT DIMENSIONS





| | 26'8" ** | 30'2" ** | 31'2" | 34'1" |
|---|----------|----------|-------|-------|
| A | 24'7" | 28'3" | 28' | 26'5" |
| В | 11'4" | 13'6" | 15'6" | 13'2" |
| С | 10'3" | 9'4" | 10'7" | 15'8" |

^{**} Multi-purpose stick

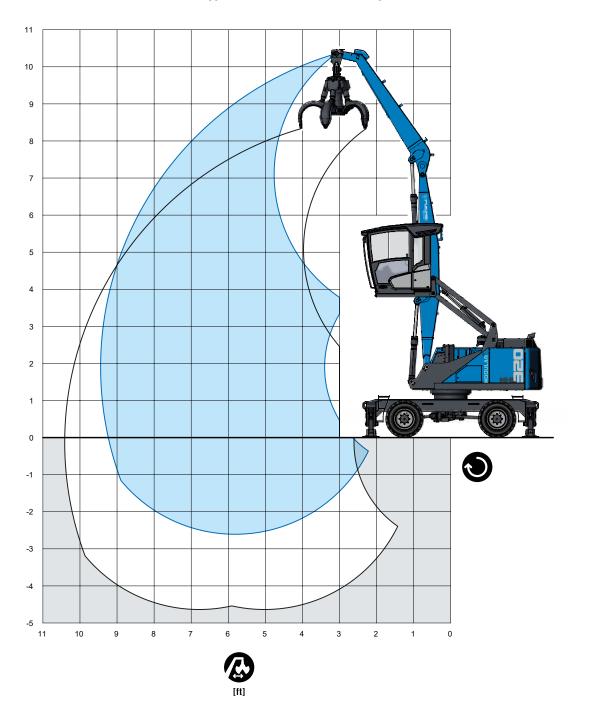
6,100 (7,500°)



REACH

31'2" with dipper stick

Boom: 17'1" · Dipper stick: 13'1" · Fuchs cactus grab



LIFTING CAPACITY







| | | 15 ft | 20 ft | 25 ft | 30 ft |
|-------|--------------------|--------------------|-------------------|-------------------|-----------------|
| | T⊙ = oT | (14,500°) | | | |
| 30 ft | ro _ oı | 14,500° (14,500°) | | | |
| | /o - o1 | 14,500° (14,500°) | | | |
| | 70 ⁻ 07 | . 1,000 (1.1,000) | (10,100) | | |
| 25 ft | ro _ oı | | 12,600° (12,600°) | | |
| | /o = o1 | | 12,600° (12,600°) | | |
| | TO ⁻ OT | | (10,100) | (7,100) | |
| 20 ft | to <u>≖</u> oı | | 12,700° (12,700°) | 10,800° (10,800°) | |
| | /ତ = ତୀ | | 12,700° (12,700°) | 8,900 (10,800°) | |
| | τ ο= στ | (15,300) | (9,800) | (7,000) | (5,300) |
| 25 ft | ro − oı | 16,600° (16,600°) | 13,300° (13,300°) | 11,000° (11,000°) | 8,500 (8,900°) |
| | /o = o1 | 16,600° (16,600°) | 12,400 (13,300°) | 8,800 (11,000°) | 6,600 (8,900°) |
| | TO OT | (14,500) | (9,400) | (6,800) | (5,200) |
| 10 ft | to <u>≖o</u> 1 | 18,900° (18,900°) | 14,100° (14,100°) | 11,000 (11,100°) | 8,400 (8,800°) |
| | /ତ " ତୀ | 18,700 (18,900°) | 11,900 (14,100°) | 8,600 (11,100°) | 6,500 (8,800°) |
| | TO OT | (13,600) | (9,000) | (6,600) | (5,100°) |
| 5 ft | to <u>≖</u> oı | 20,300° (20,300°) | 14,400° (14,400°) | 10,800 (11,000°) | 8,200° (8,200°) |
| | /ତ " ତୀ | 17,700 (20,300°) | 11,500 (14,400°) | 8,400 (11,000°) | 6,500 (8,200°) |
| | T⊙ = ⊙T | (13,000) | (8,700) | (6,500) | (5,100) |
| 0 ft | ro − oı | 19,100° (19,100°) | 13,600° (13,600°) | 10,100° (10,100°) | 6,900° (6,900°) |
| | /ତ " ତୀ | 17,000 (19,100°) | 11,200 (13,600°) | 8,200 (10,100°) | 6,400 (6,900°) |
| | To ™ o⊺ | (12,800) | (8,600) | (6,400) | |
| −5 ft | ro − oı | 15,200° (15,200°) | 11,200° (11,200°) | 8,000° (8,000°) | |
| | /ତ ~ ତୀ | 15,200° (15,200°) | 11,000 (11,200°) | 8,000° (8,000°) | |
| | | | | | max. re |

Recommended attachments upon request

/o=01

Center of rotation

4-point supported

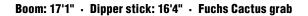
The lift capacity values are stated in metric tons (t). In accordance with ISO 10567, the lift capacity values represents 75 % of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the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

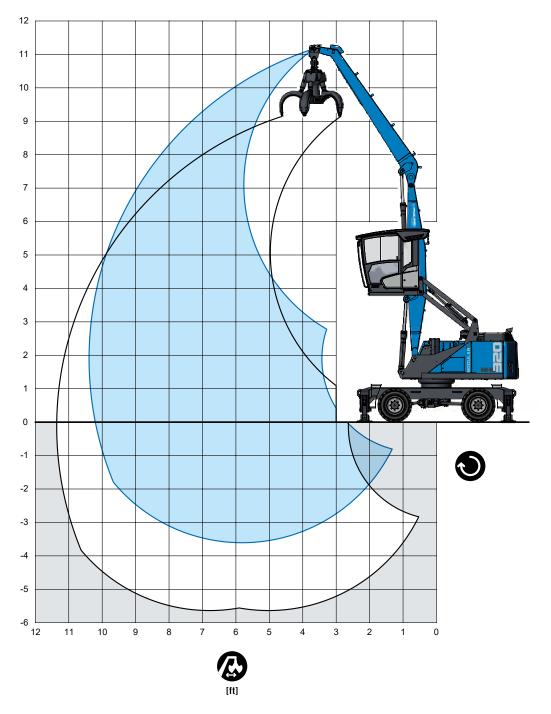
13



REACH

34'1" with dipper stick





LIFTING CAPACITY







| | | 15 ft | 20 ft | 25 ft | 30 ft | |
|--------|----------------------|-------------------|-------------------|-------------------|-----------------|--|
| | ™o™o™ | (11,500°) | | | | |
| 35 ft | ro ≖ oı | 11,500° (11,500°) | | | | |
| | /ତ " ର | 11,500° (11,500°) | | | | |
| | ™o ™ o™ | | (10,400) | | | |
| 30 ft | ro ≖ oı | | 10,900° (10,900°) | | | |
| | /ତ = ତୀ | | 10,900° (10,900°) | | | |
| | ™o ™ o" | | (10,500) | (7,300) | | |
| 25 ft | to <u>≖</u> oı | | 11,100° (11,100°) | 10,000° (10,000°) | | |
| | /ତ " ତୀ | | 11,100° (11,100°) | 9,100 (10,000°) | | |
| | ™o ™ o™ | | (10,400) | (7,300) | (5,400) | |
| 20 ft | to <u>≖</u> oı | | 11,300° (11,300°) | 10,000° (10,000°) | 8,600° (8,600°) | |
| | /ତ = ତୀ | | 11,300° (11,300°) | 9,100 (10,000°) | 6,800 (8,600°) | |
| | "o o" | | (10,200) | (7,200) | (5,400) | |
| 15 ft | to <u>≖</u> or | | 12,000° (12,000°) | 10,300° (10,300°) | 8,600 (8,900°) | |
| | /ତ <mark>=</mark> ତୀ | | 12,000° (12,000°) | 9,000 (10,300°) | 6,700 (8,900°) | |
| | "o " o" | (15,100) | (9,700) | (7,000) | (5,300) | |
| 10 ft | ro ≖ oı | 16,700° (16,700°) | 13,100° (13,100°) | 10,700° (10,700°) | 8,400 (8,900°) | |
| | /ତ " ତୀ | 16,700° (16,700°) | 12,200 (13,100°) | 8,700 (10,700°) | 6,600 (8,900°) | |
| | "o " o" | (14,000) | (9,200) | (6,700) | (5,100) | |
| 5 ft | to <u>≖</u> oı | 19,300° (19,300°) | 14,000° (14,000°) | 11,000° (11,000°) | 8,300 (8,700°) | |
| | /ତ = ତୀ | 18,200 (19,300°) | 11,700 (14,000°) | 8,400 (11,000°) | 6,500 (8,700°) | |
| | "o " o" | (13,200) | (8,800) | (6,500) | (5,000) | |
| 0 ft | to <u>≖</u> or | 20,000° (20,000°) | 14,100° (14,100°) | 10,700° (10,700°) | 8,100° (8,100°) | |
| | /ତ = ତୀ | 17,200 (20,000°) | 11,200 (14,100°) | 8,200 (10,700°) | 6,300 (8,100°) | |
| | ™ο ™ ο⊺ | (12,700) | (8,500) | (6,300) | (4,900) | |
| −5 ft | ro ≖ oı | 17,900° (17,900°) | 12,800° (12,800°) | 9,500° (9,500°) | 6,600° (6,600°) | |
| | /ତ " ତୀ | 16,700 (17,900°) | 10,900 (12,800°) | 8,000 (9,500°) | 6,300 (6,600°) | |
| | ™o™o™ | (12,600) | (8,400) | (6,300) | | |
| -10 ft | ro ≖ oı | 13,300° (13,300°) | 9,800° (9,800°) | 6,900° (6,900°) | | |
| | /ତ " ତୀ | 13,300° (13,300°) | 9,800° (9,800°) | 6,900° (6,900°) | | |
| | | | | | max. reach 34'1 | |
| | ₹ 0 | | | | (4,200) | |
| 6,2 ft | to <u>_</u> or | | | | 6,700° (6,700°) | |
| | /ତ = ତୀ | | | | 5,300 (6,700°) | |

Recommended attachments upon request

Center of rotation

4-point supported

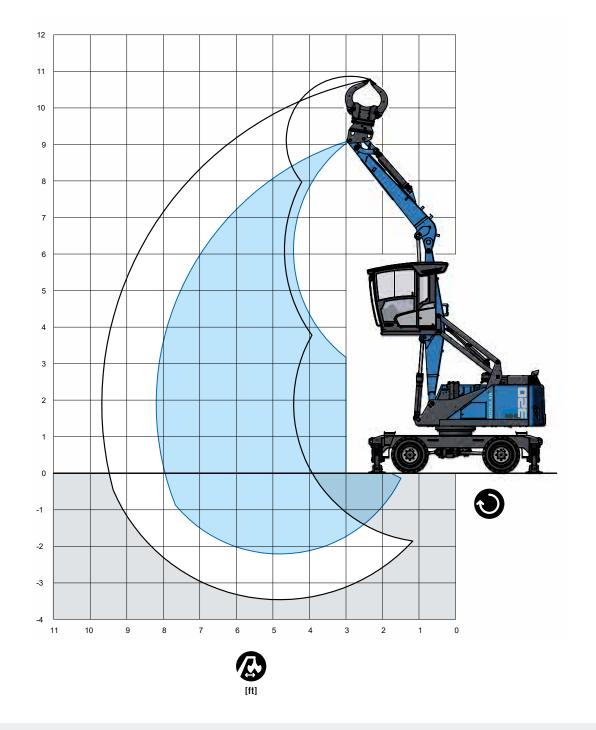
The lift capacity values are stated in metric tons (t). In accordance with ISO 10567, the lift capacity values represents 75 % of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the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



REACH

26¹⁸ with multi-purpose stick

Boom: 13'7" - Dipper stick: 12'1" - Sorting grapple



LIFTING CAPACITY







| | | 10 ft | 15 ft | 20 ft | 25 ft |
|--------|---------------------------------|-------------------|-------------------|-------------------|-------------------|
| | ™o ™ o™ | | (15,000°) | | |
| 25 ft | ര=്ത | | 15,000° (15,000°) | | |
| | /o - o1 | | 15,000° (15,000°) | | |
| | ™o ™ o* | | (15,000°) | (9,600) | |
| 20 ft | w <u>−</u> oı | | 15,000° (15,000°) | 13,000° (13,000°) | |
| | /ତ ⁼ ତୀ | | 15,000° (15,000°) | 12,200 (13,000°) | |
| | ™o ™ o* | | (15,100) | (9,500) | (6,600) |
| 15 ft | ര്ത | | 15,900° (15,900°) | 13,200° (13,200°) | 10,700° (10,700°) |
| | /ତ = ତୀ | | 15,900° (15,900°) | 12,000 (13,200°) | 8,400 (10,700°) |
| | ™o o ⁻ r | (20,900°) | (14,500) | (9,200) | (6,500) |
| 10 ft | w <u>−</u> oı | 20,900° (20,900°) | 18,100° (18,100°) | 13,900° (13,900°) | 10,700 (10,900°) |
| | /ତ " ତୀ | 20,900° (20,900°) | 18,100° (18,100°) | 11,700 (13,900°) | 8,300 (10,900°) |
| | ™o ™ o* | (23,100) | (13,700) | (8,900) | (6,400) |
| 5 ft | w <u>−</u> or | 23,100 (23,100) | 20,100° (20,100°) | 14,300° (14,300°) | 10,400° (10,400°) |
| | /ତ " ତୀ | 23,100 (23,100) | 17,800 (20,100°) | 11,400 (14,300°) | 8,100 (10,400°) |
| | ™o ™ o* | (16,400°) | (13,100) | (8,600) | (6,300) |
| 0 ft | ro − o₁ | 16,400° (16,400°) | 19,500° (19,500°) | 13,300° (13,300°) | 8,800° (8,800°) |
| | /ତ = ତୀ | 16,400° (16,400°) | 17,200 (19,500°) | 11,100 (13,300°) | 8,000 (8,800°) |
| | ™o ™ o* | (17,700°) | (12,900) | (8,500) | |
| −5 ft | ര്ത | 17,700° (17,700°) | 15,200° (15,200°) | 10,100° (10,100°) | |
| | /ତ = ତୀ | 17,700° (17,700°) | 15,200° (15,200°) | 10,100° (10,100°) | |
| | | | | | max. reach 26'8" |
| | ™o ™ o* | | | | (5,600) |
| 6,2 ft | to <u>_</u> or | | | | 8,800° (8,800°) |
| | /o - o1 | | | | 7,200 (8,800°) |

Recommended attachments upon request

√ 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.

5,800 (7,100°)

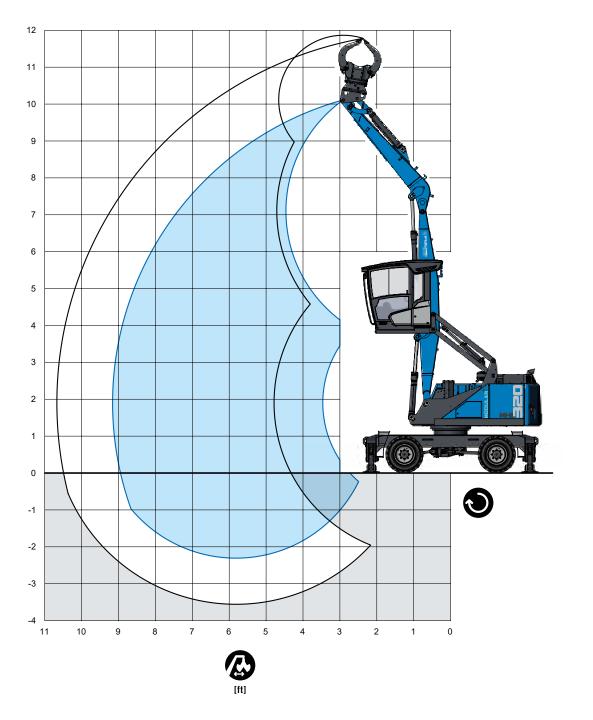
17



REACH

30'2" with multi-purpose stick





LIFTING CAPACITY

| A j | | | | | |
|------------|----------------------|-------------------|-------------------|-------------------|-----------------|
| | | 15 ft | 20 ft | 25 ft | 30 ft |
| | ™o™o™ | (14,300°) | | | |
| 30 ft | ര ~ മ | 14,300° (14,300°) | | | |
| | /ତ=୍ର | 14,300° (14,300°) | | | |
| | ™o™o™ | (15,000°) | (9,600) | | |
| 25 ft | ro ≖ oı | 15,000° (15,000°) | 12,400° (12,400°) | | |
| | /ତ ୍ ଟ୍ରୀ | 15,000° (15,000°) | 12,200 (12,400°) | | |
| | "o " o" | (15,200°) | (9,600) | (6,600) | |
| 20 ft | ര=ത | 15,200° (15,200°) | 12,400° (12,400°) | 10,400° (10,400°) | |
| | /ତ " ତୀ | 15,200° (15,200°) | 12,100 (12,400°) | 8,400 (10,400°) | |
| | ™ο ™ ο* | (14,700) | (9,300) | (6,500) | |
| 15 ft | ro ≖ on | 16,700° (16,700°) | 12,900° (12,900°) | 10,500° (10,500°) | |
| | /ତ=୍ର | 16,700° (16,700°) | 11,800 (12,900°) | 8,300 (10,500°) | |
| | ™o™o™ | (13,800) | (8,900) | (6,300) | (4,700) |
| 10 ft | ro ≖ oı | 18,700° (18,700°) | 13,600° (13,600°) | 10,500° (10,500°) | 7,900° (7,900°) |
| | /ତ ୍ ଦ୍ରୀ | 18,000 (18,700) | 11,400 (13,600°) | 8,100 (10,500°) | 6,100 (7,900°) |
| | "o " o" | (12,900) | (8,500) | (6,100) | (4,600) |
| 5 ft | ര=ത | 19,600° (19,600°) | 13,700° (13,700°) | 10,200° (10,200°) | 7,200° (7,200°) |
| | /ତ=୍ର | 17,000 (19,600°) | 10,900 (13,700°) | 7,800 (10,200°) | 6,000 (7,200°) |
| | ™o ~ o1 | (12,300) | (8,200) | (6,000) | |
| 0 ft | ro ≖ on | 17,700° (17,700°) | 12,600° (12,600°) | 9,100° (9,100°) | |
| | /ଟ = ତୀ | 16,400 (17,700°) | 10,600 (12,600°) | 7,700 (9,100°) | |
| | "o " o" | (12,200) | (8,000) | (5,900) | |
| −5 ft | ത്ത | 13,300° (13,300°) | 9,900° (9,900°) | 6,600° (6,600°) | |
| | /ତ " ତୀ | 13,300° (13,300°) | 9,900° (9,900°) | 6,600° (6,600°) | |
| | | | | | max. rea |
| | ™o [™] o™ | | | | (4,500) |

Recommended attachments upon request

/ଚ<mark>=</mark>ଚୀ

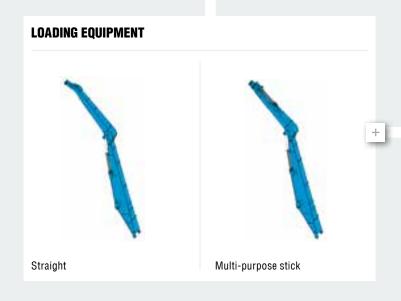
Height Reach Center of rotation 6-01 4-point supported

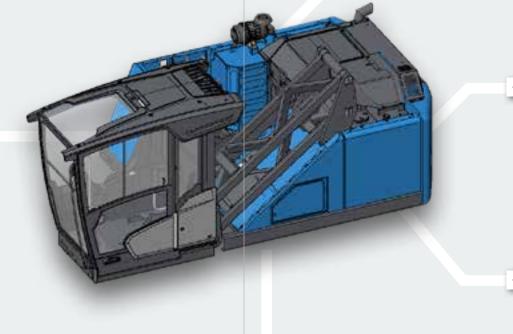
The lift capacity values are stated in metric tons (t). In accordance with ISO 10567, the lift capacity values represents 75 % of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the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



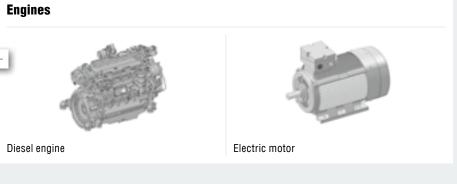
MODULAR SYSTEM

Attachments Cactus grab Timber grapple Magnet plate Clamshell grab Load hook Sorting grapple













Standard-undercarriage





Standard-undercarriage



XL-undercarriage





Options

Cable drum





AHL Pylon



www.terex-fuchs.com

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