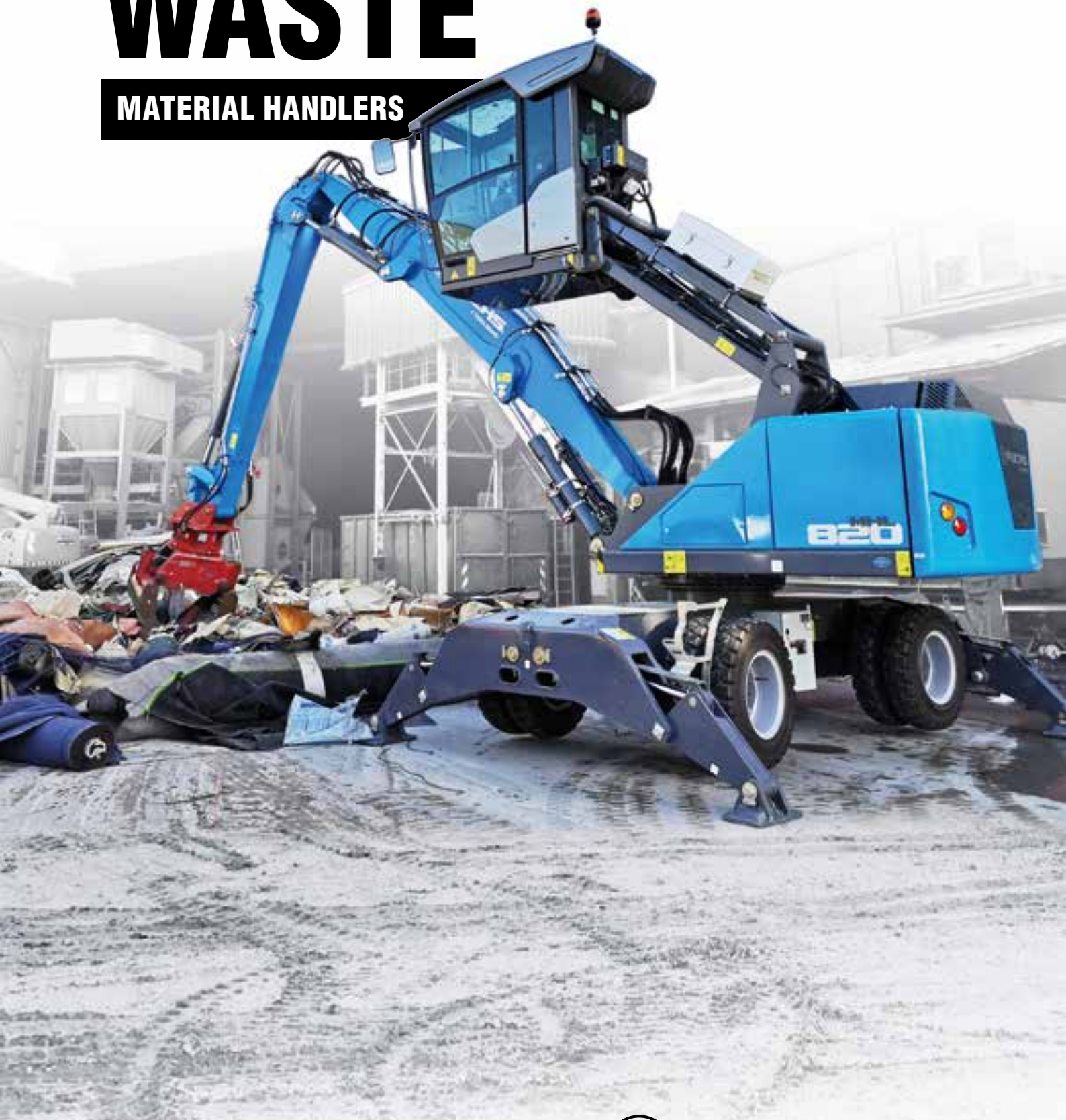
https://truckmanualshub.com/

WASTE

MATERIAL HANDLERS



FUCHS®
A TEREX BRAND

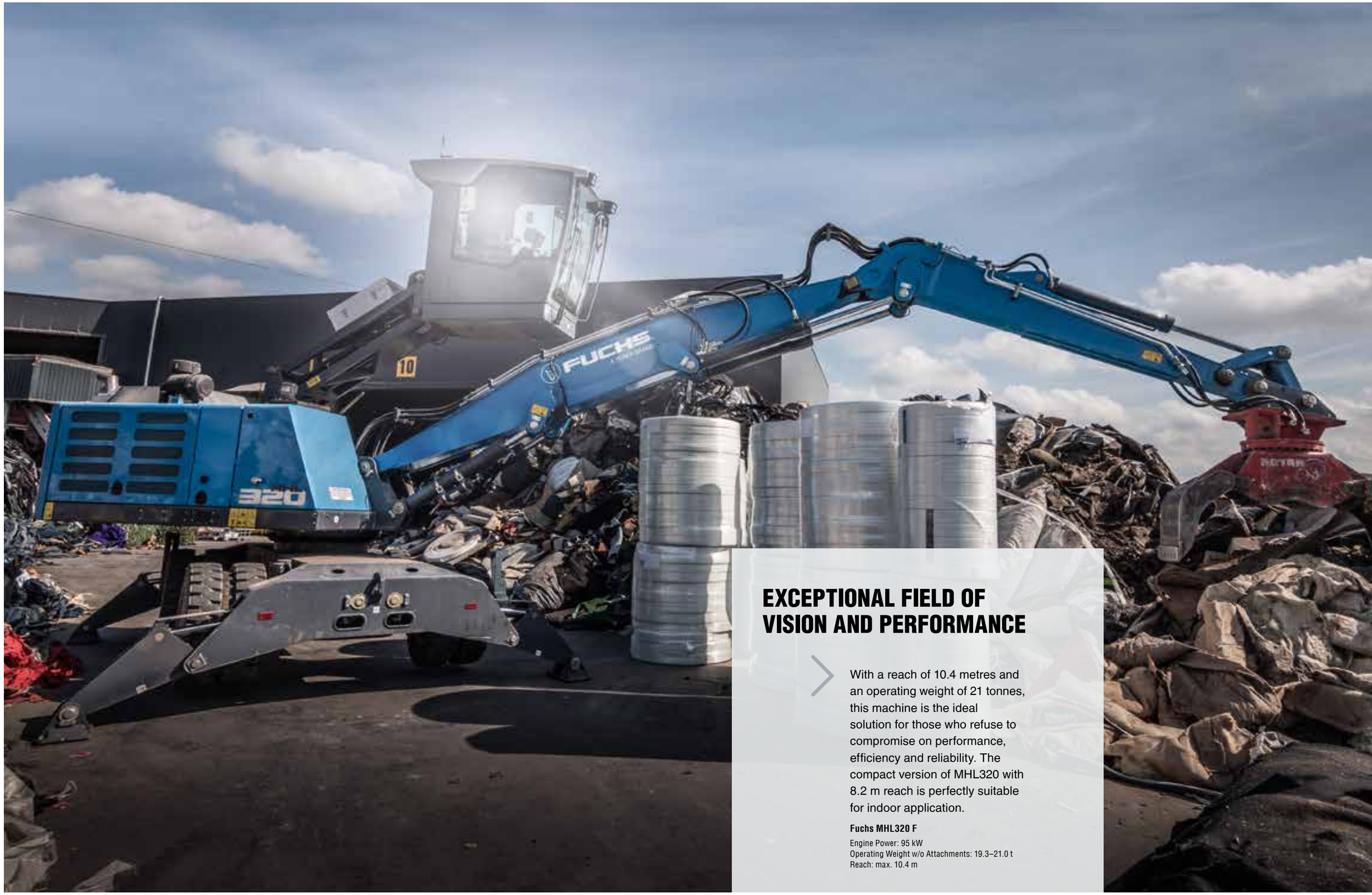
https://truckmanualshub.com

COMPACT AND AGILE

The MHL310 combines all advantages of a Fuchs material handling machine, without compromises. Up to 9 meters reach, high-performance cooling systems, closed slewing drive, a unique service platform, and much more. A great and compact package.

Fuchs MHL310 F
Engine Power: 85 kW
Operating Weight w/o Attachments: 14.6–17.1 t
Reach: max. 9.0 m

https://truckmanualshub.com



EXCEPTIONAL FIELD OF VISION AND PERFORMANCE

With a reach of 10.4 metres and an operating weight of 21 tonnes, this machine is the ideal solution for those who refuse to compromise on performance, efficiency and reliability. The compact version of MHL320 with 8.2 m reach is perfectly suitable for indoor application.

Fuchs MHL320 F

Engine Power: 95 kW
Operating Weight w/o Attachments: 19.3–21.0 t
Reach: max. 10.4 m

https://truckmanualshub.com

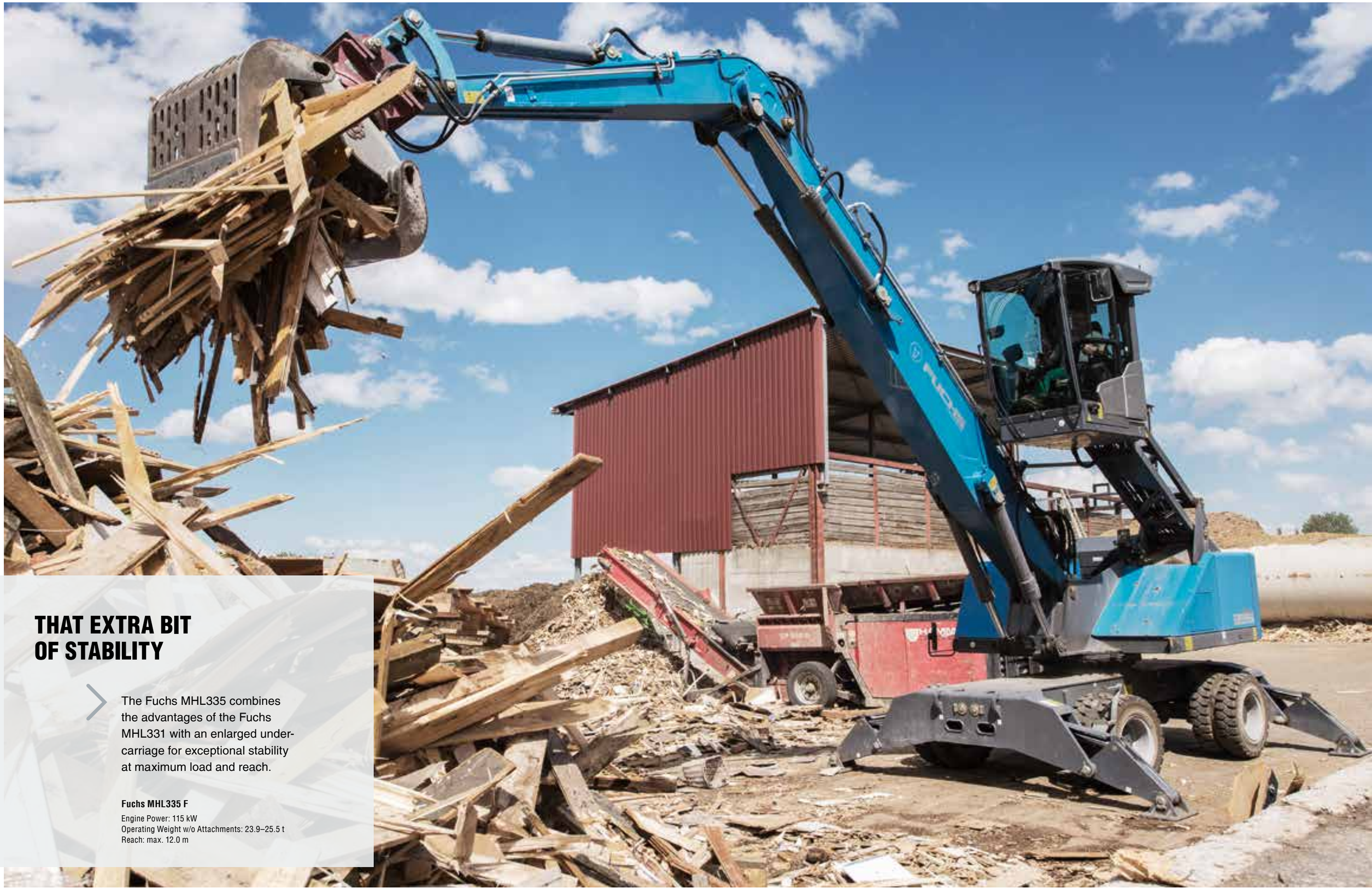
MORE POWER AND REACH WHILE RETAINING COMPACT DIMENSIONS

With its substantial reach of 12 m and high load capacity, the MHL331 is one of the top recycling models in the world. The MHL331 is the optimal solution for loading containers, shredders and walking floors.

Fuchs MHL331 F

Engine Power: 115 kW
Operating Weight w/o Attachments: 22.8–24.2 t
Reach: max. 12.0 m

https://truckmanualshub.com



THAT EXTRA BIT OF STABILITY

The Fuchs MHL335 combines the advantages of the Fuchs MHL331 with an enlarged undercarriage for exceptional stability at maximum load and reach.

Fuchs MHL335 F

Engine Power: 115 kW
Operating Weight w/o Attachments: 23.9–25.5 t
Reach: max. 12.0 m

https://truckmanualshub.com

WELL-THOUGHT-OUT MACHINE FOR MORE POWER AND REACH

Highly efficient dual-circuit hydraulics ensure that slewing manoeuvres are as swift and powerful as they are precise. Providing a 13.7 m reach and an excellent eye level up to 5.6 m makes the MHL340 a top performer in its class.

Fuchs MHL340 F

Engine Power: 129 kW
Operating Weight w/o Attachments: 28.4–30.6 t
Reach: max. 13.7 m

https://truckmanualshub.com

ATTACHMENTS AND LOADING EQUIPMENT

- Universal stick for sorting grapples
- Dipperstick for cactus or clamshell grab
- Grab rotation speed and pressure regulation
- Optimally arranged hydraulic pipes and hoses

CABIN

- Hydraulically adjustable cab
- Large skylight
- Sliding window in cab door
- Safety glass
- Automatic air conditioning system

UPPERCARRIAGE

- Separated cooling system for engine, hydraulic oil cooler and AC condenser
- Rear and side view camera
- Temperature-controlled fan drives
- Highly energy-efficient

UNDERCARRIAGE

- Mobile, crawler or stationary

SERVICE PLATFORM

- Comfortable access to engine, main hydraulic valve block, diesel, DEF tank etc.
- Safe place for service
- Unique in the market

ENGINE

Diesel engine

- Best-in-class for fuel consumption economy in its power segment
- Latest EU-Stage V emission technology
- ROW solutions
- Covered and protected EAT system

Electric motor

- Low maintenance, and operating costs
- Low noise
- Zero local emissions

https://truckmanualshub.com

GREAT FEATURES
COME STANDARD WITH YOUR FUCHS

AIR-CUSHIONED COMFORT SEAT
with integrated headrest, safety belt and lumbar support

FUCHS SERVICE PLATFORM
safe place for daily checks and maintenance

SEPARATE COOLING SYSTEM
for engine and hydraulic oil cooler

REVERSING FAN
for more cooling performance and less dirt and debris in intercooler, water and oil-cooler
(Standard by MHL310 – MHL335)

QUICK FUSE CHECK BUTTON
makes it quick and easy to check the fuses of your Fuchs

STORAGE SPACE
storage and cup holder air conditioned

DIGITAL DISPLAY
with large dimensions provides great overview and info at a glance

OIL PRESSURE AND VOLUME ADJUSTMENT
makes it easy to adapt speed of grab rotation (stepless or black & white)

AUTOMATED GREASING SYSTEM
ensures key components running smoothly

https://truckmanualshub.com/

SPECIAL OPTIONS
FOR WASTE APPLICATIONS

BOOM CYLINDER DAMPING SYSTEM

for smooth operations

DOZER BLADE

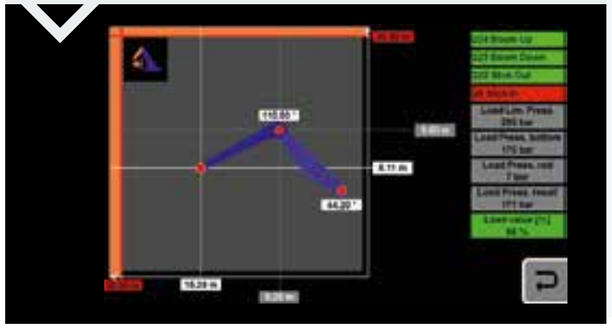
in addition to 4-point stabilizers
allows to push material

ALL-WHEEL-STEERING

reduction of the turning circle by 35 %,
exceptional manoeuvrability, USP
(Option by MHL310 – MHL320)

OVERLOAD AND WORK AREA CONTROL

easy teach in, great for indoor application



UNIVERSAL STICK

when it comes to precise sorting

HIGH PRESSURE FILTRATION SYSTEM FOR ATTACHMENTS

effective protection against contamination of
hydraulic oil from damaged or leaking attachments

https://truckmanualshub.com/

ELECTRIC DRIVEN MATERIAL HANDLER

Electric drives are today's forward-looking trend. This is especially the case with indoor applications, stationary machines, and machines with rail undercarriage, in which powerful zero-emission electric drives that are extremely easy to maintain have very tangible advantages. They include low operating and servicing costs, low noise emissions and heat build-up, and the extensive use of standard components from our range of diesel engine models, which ensures that spare parts will be widely available.

The right connection, every single time: the cable lengths and cable reel designs of Fuchs electric machines are adapted to each customer's specific needs in line with the required reach and the available connection options on site.

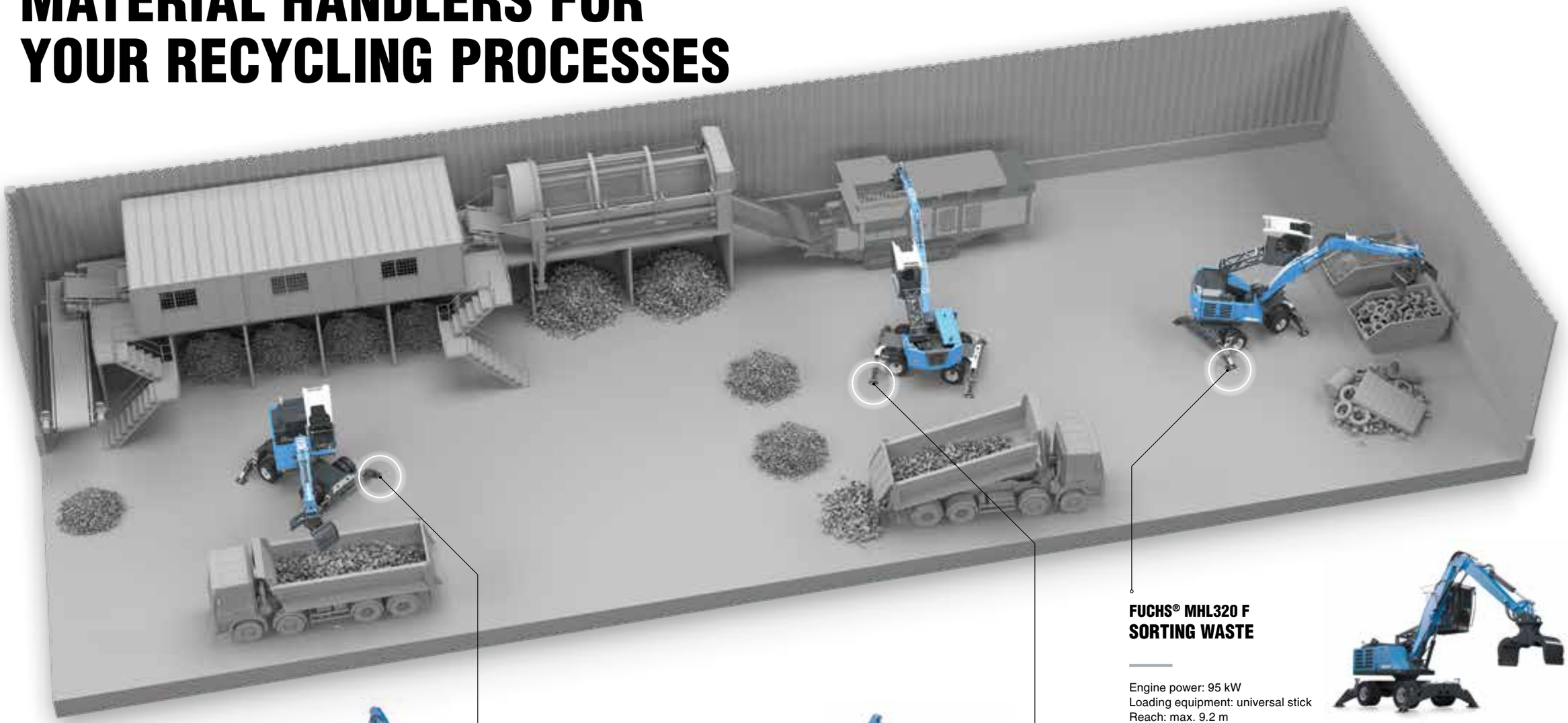
Thanks to the Power Pack users of electric driven material handlers can enjoy even greater flexibility. The Power Pack allows electric driven material handlers to be driven from one power socket to the other independently of any external electricity supply. This is made possible by an integrated diesel-powered hydraulic unit.

ZERO EMISSION

No exhaust gases, little noise and very little heat output: ideal features when operating indoors or close to residential areas

https://truckmanualshub.com

THE PERFECT FUCHS MATERIAL HANDLERS FOR YOUR RECYCLING PROCESSES



FUCHS® MHL310 F
LOADING A TRUCK

Engine power: 85 kW
Loading equipment: universal stick
Reach: max. 8.8 m
Attachment: sorting grab

FUCHS® MHL310 F
FEEDING A SHREDDER

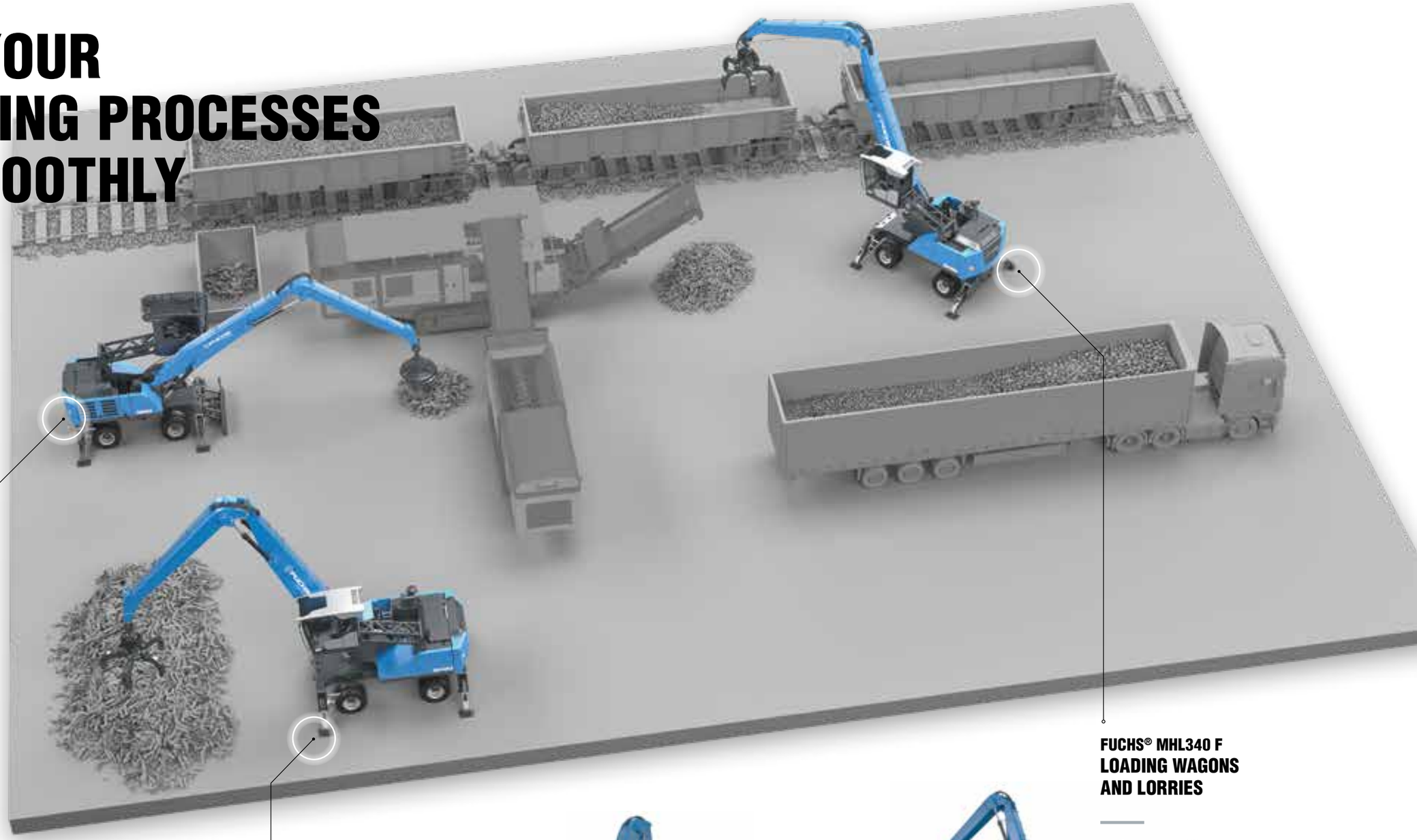
Engine power: 85 kW
Loading equipment: universal stick
Reach: max. 8.8 m
Attachment: sorting grab

FUCHS® MHL320 F
SORTING WASTE

Engine power: 95 kW
Loading equipment: universal stick
Reach: max. 9.2 m
Attachment: sorting grab

https://truckmanualshub.com

MAKE YOUR RECYCLING PROCESSES RUN SMOOTHLY



FUCHS® MHL331 F
SORTING OF SCRAP WASTE

Engine power: 115 kW
Loading equipment: dipper stick
Reach: max. 12 m
Attachment: magnet plate

FUCHS® MHL340 F
FEEDING A SHREDDER

Engine power: 129 kW
Loading equipment: dipper stick
Reach: max. 13.7 m
Attachment: cactus grab

FUCHS® MHL340 F
LOADING WAGONS AND LORRIES

Engine power: 129 kW
Loading equipment: dipper stick
Reach: max. 13.7 m
Attachment: cactus grab

https://truckmanualshub.com

MHL310

85 kW	75 kW	14.6–17.1 t	5.3 m

Loading equipment
- with dipperstick 9 m
- with universal stick 8.8 m

Turning radius
- without all-wheel steering 7.1 m
- with all-wheel steering 4.5 m

Undercarriage mobile
- 4-point stabilizers
- dozer blade in addition to 4-point stabilizers
- 2-point stabilizers and support blade

Engine power EU-Stage V

Electric motor

Max. service weight without attachments

Max. viewing height

https://truckmanualshub.com/

DESIGNED FOR USE IN CONFINED SPATIAL CONDITIONS

All-wheel steering (optional) reduces the turning circle by up to 35%. Assistance systems like the handy height and reach limit ensure elevated safety for material handling in low halls. A short rear-end radius minimizes the risk of collision when slewing.

CLOSED SLEWING DRIVE

Agile slewing increases productivity and energy efficiency. The enclosed slewing gear simultaneously holds more capacity for the boom and dipper stick—**unique in this class.**

https://truckmanualshub.com

MHL320

95 kW	95 kW	75 kW	19,3 – 21,0 t	5.3 m

Loading equipment
- with dipperstick 9.5 m / 10.4 m
- with universal stick 8.2 m / 9.2 m

Turning radius
- without all-wheel steering 7.1 m
- with all-wheel steering 4.5 m

Undercarriage mobile
- 4-point stabilizers
- dozer blade in addition to 4-point stabilizers
- 2-point stabilizers and support blade

Engine power EU-Stage V

Engine power EU-IIIA / EPA-Tier 3

Electric motor

Max. service weight without attachments

Max. viewing height

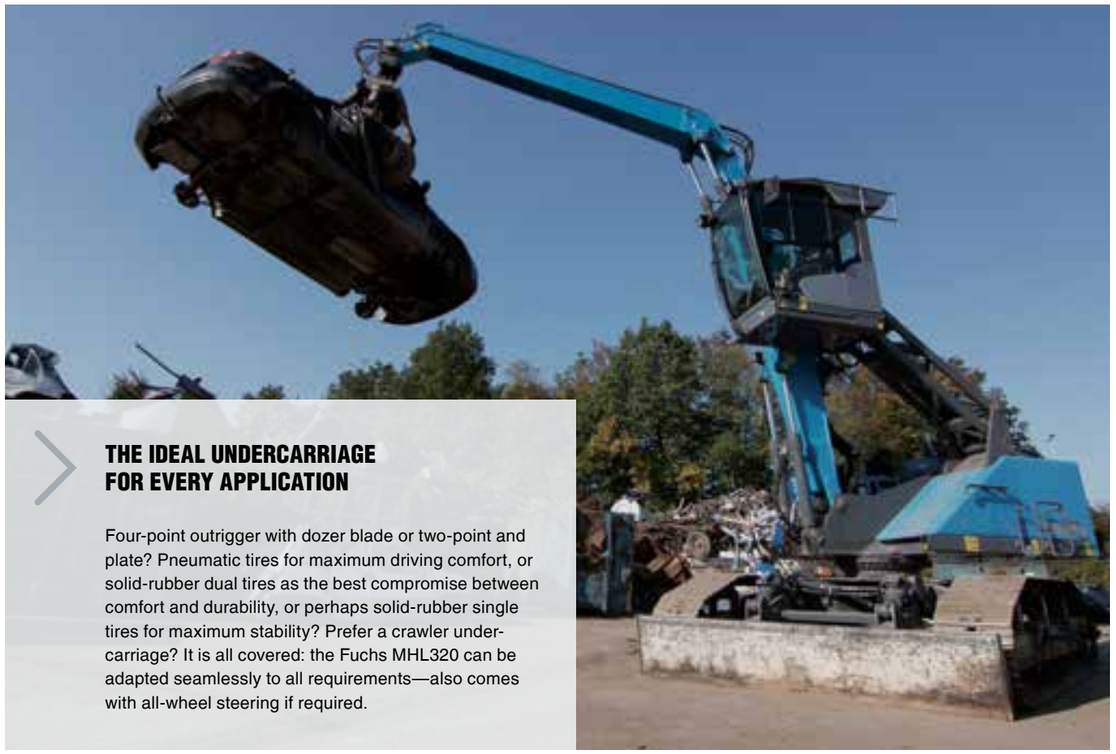
PRECISE SORTING WORK

The universal stick with a reach of 9.2 meters is fitted with lifting cylinder cushioning as standard. In conjunction with the precise hydraulics, the driver can perform sorting work with extreme accuracy.

https://truckmanualshub.com/

OPTIMUM COOLING PERFORMANCE—EVEN IN DUSTY ENVIRONMENTS

Radiators amply distanced from each other, coarse-meshed radiators, and standard reversing fan ensure optimum cooling performance, even in dusty environments.



THE IDEAL UNDERCARRIAGE FOR EVERY APPLICATION

Four-point outrigger with dozer blade or two-point and plate? Pneumatic tires for maximum driving comfort, or solid-rubber dual tires as the best compromise between comfort and durability, or perhaps solid-rubber single tires for maximum stability? Prefer a crawler undercarriage? It is all covered: the Fuchs MHL320 can be adapted seamlessly to all requirements—also comes with all-wheel steering if required.

https://truckmanualshub.com

MHL331

115 kW	115 kW	90 kW	22,8 – 24,2 t	5.3 m

Loading equipment
- with dipperstick 11 m / 12 m
- with universal stick 10.7 m

Turning radius
- 7.9 m

Undercarriage mobile
- 4-point stabilizers
- dozer blade in addition to 4-point stabilizers
- 2-point stabilizers and support blade

Engine power EU-Stage V

Engine power EU-IIIA / EPA-Tier 3

Electric motor

Max. service weight without attachments

Max. viewing height

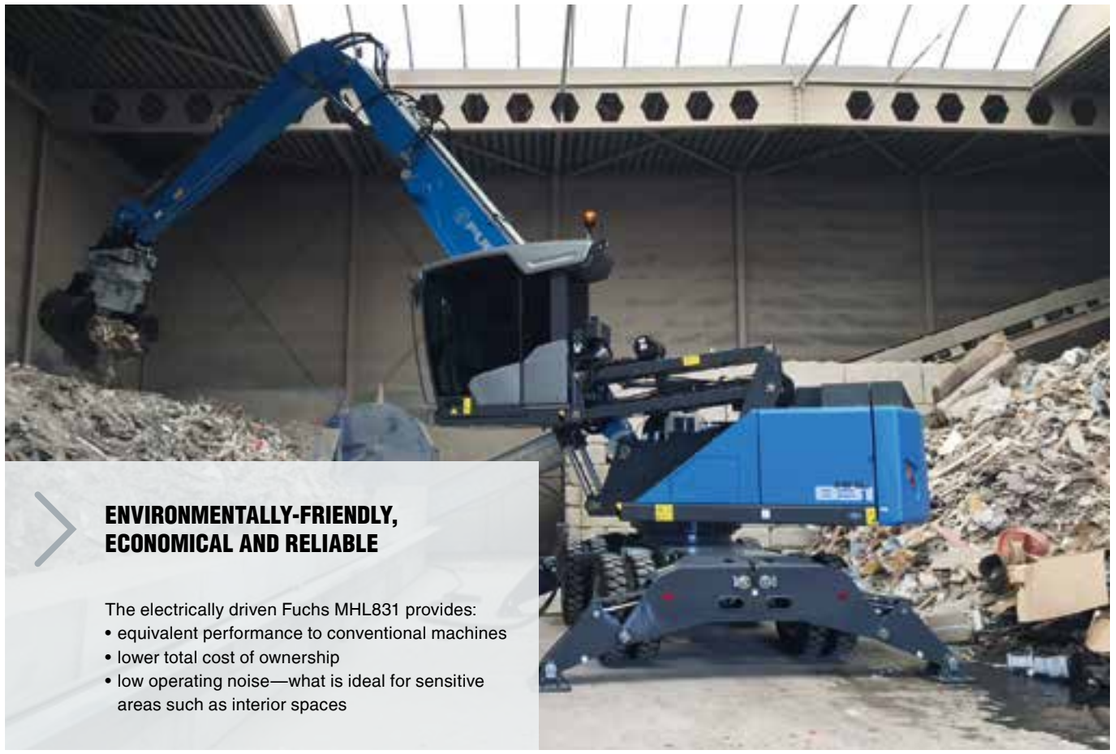
COMPACT AND POWERFUL

The Fuchs MHL331 impresses with a maximum reach of 12 meters. The efficient diesel engine ensures the necessary power, while the exhaust cleaning system keeps emissions extremely low. As with all Fuchs material handlers, this machine can also be supplied as a zero-emission model with electric drive.

https://truckmanualshub.com/

THE UNDERCARRIAGE FOR PROFESSIONAL MATERIAL HANDLING IN SMALL SPACES

The Fuchs MHL331 sits on very solid 2.5-meter axles. Thanks to the compact design of the undercarriage, it deals with tight passages like child's play.



ENVIRONMENTALLY-FRIENDLY, ECONOMICAL AND RELIABLE

The electrically driven Fuchs MHL831 provides:

- equivalent performance to conventional machines
- lower total cost of ownership
- low operating noise—what is ideal for sensitive areas such as interior spaces

https://truckmanualshub.com/

MHL335

115 kW	115 kW	90 kW	23,9 – 25,5 t	5.3 m

Loading equipment
- with dipperstick 11 m / 12 m
- with universal stick 10.7 m

Turning radius
- 8.2 m

Undercarriage mobile
- 4-point stabilizers
- dozer blade in addition to 4-point stabilizers

Engine power EU-Stage V

Engine power EU-IIIA / EPA-Tier 3

Electric motor

Max. service weight without attachments

Max. viewing height

PURPOSE BUILT LOADING EQUIPMENT

The loading equipment with universal stick and 10.7-meter reach enables precise sorting work to the farthest angle. The standard lifting cylinder cushioning reduces the vibrations of the loading equipment considerably and simplifies loading operations.

https://truckmanualshub.com/

OUR LOADING EQUIPMENT: SPECIALIZED IN EFFICIENT MATERIAL HANDLING

In conjunction with orange-peel grabs, the straight loading equipment ensures for maximum material handling with minimal fuel consumption, powered by state-of-the-art, low-emission diesel engines.

24/7 MACHINE MANAGEMENT

Fuchs loading machines equipped with telematic system as standard. Operating temperatures, fuel consumption, service reminders, or geo-fencing. All of this just a few clicks away and available 24/7.

https://truckmanualshub.com

MHL340

129 kW	128 kW	110 kW	28,4 – 30,6 t	5.6 m

Loading equipment
- with dipperstick 12.6 m / 13.7 m
- with universal stick 12.2 m

Turning radius
- 8.3 m

Undercarriage mobile
- 4-point stabilizers
- dozer blade in addition to 4-point stabilizers

Engine power EU-Stage V

Engine power EU-IIIA / EPA-Tier 3

Electric motor

Max. service weight without attachments

Max. viewing height

ALL-ROUNDER

Whether it is domestic, industrial or municipal waste, C & D, or scrap: our Fuchs MHL340 is the perfect choice for (almost) all demands.

https://truckmanualshub.com/

ONE OF THE MOST EFFICIENT COOLING SYSTEMS

Radiators physically separated from each other, temperature-controlled fans, including reversing function, and direct air flow without sandwich designs: this is standard in all Fuchs loading machines.

RELAXED WORKING ENVIRONMENT

The Fuchs comfort cabin simplifies everyday working with numerous features. The panoramic glazing provides the driver with an unrestricted view. DAB+ radio with hands-free function, many storage facilities and cupholders, an air-cushioned comfort seat—all that and even more come as standard with all Fuchs material handlers.

https://truckmanualshub.com

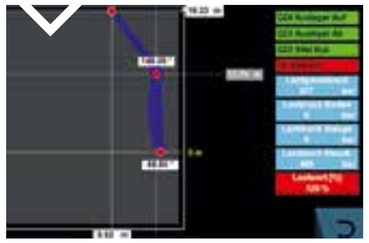
SAFETY FEATURES

CLOSE RANGE SHUT-OFF SYSTEM

BLOCKING OF DRIVE AND WORK FUNCTIONS

OVERLOAD WARNING DEVICE*

OVERLOAD AND WORK AREA CONTROL*



CABIN COMFORT ACCESS*

CATWALK WITH HANDRAIL*

SERVICE PLATFORM

KEY-LOCKABLE SWITCH FOR DISCONNECTION OF THE ELECTRICAL ENERGY

ADDITIONAL STEPS AT THE FRONT AND REAR OF UNDERCARRIAGE*

*Option

https://truckmanualshub.com

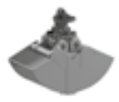
MODULAR SYSTEM

ATTACHMENTS

Cactus grab

Timber grapple

Magnet plate


Clamshell grab

Load hook

Sorting grapple

WORK EQUIPMENT

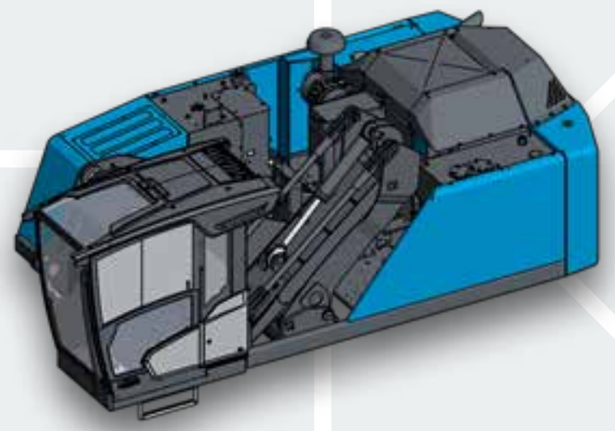
Straight

Universal stick

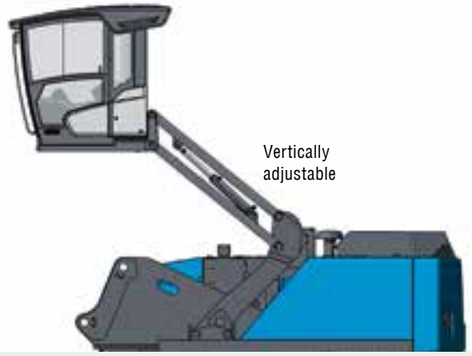
FQC
Fuchs QuickConnect

MQC
Multi QuickConnect

BQC
Boom QuickConnect



CAB SYSTEMS



ENGINES

Diesel engine

Electric motor

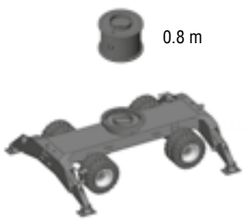
OPTIONS

Cable reel

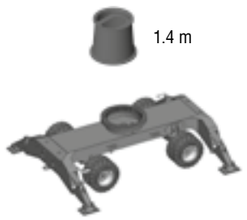
Cable drum

UNDERCARRIAGES

Standard-undercarriage



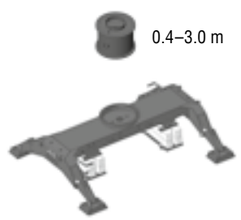
Standard-undercarriage



XL-undercarriage

Crawler

Crawler



AHL Standard-undercarriage

AHL Pylon

https://truckmanualshub.com/

FUCHS®
A TEREX BRAND

WORKS FOR YOU.™

www.terex-fuchs.com

February 2021. 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 2021 · 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