



SINGLE-SHAFT SHREDDER

MOBILE MACHINES PRODUCT OVERVIEW



...together we make the *difference!*



// NEUENHAUSER RECYCLING TECHNOLOGY

Moving forward innovatively

Efficiency, reliability and universal applicability make the single-shaft shredder a practical all-rounder that masters its tasks in an energy-saving manner.

Supplemented by the product range of **EUROPRESS UMWELTECHNIK EP**, Neuenhauser Recycling Technology is an international full-service provider for the environmental industry.



Strong and independent

Available in both wheel- and track-mounted versions, the innovative TARGO single-shaft shredder from Neuenhauser Recycling Technology reaches any destination safely and reliably. Thanks to a wide range of additional options, the TARGO is universally applicable and can be easily adapted to specific needs in the processing of a wide variety of materials, such as garden waste, waste wood, mixed construction waste and industrial waste.

Effective shredding with low energy consumption

The TARGO combines its practical mobility with a high level of efficiency in the shredding of waste wood, green waste, bark and other residual materials from house, garden or industry. The adjustable cutting gap ensures consistently reliable shredding results.

The overload protection offers effective protection against possible damage due to contaminant ingress. The strong overall package is perfectly rounded off by the ease of operation and ease of maintenance that the TARGO offers.

Our TARGO is equipped with a diesel drive as standard. For greater energy efficiency, the TARGO 3000 XD-E has a 315 kW electric motor that allows the mobile shredder to start running with low noise and zero exhaust emissions.

Looking ahead to a more sustainable future, our TARGO combines the strength of a stationary shredder with the flexibility of a mobile machine.



MOBILE MACHINES SINGLE-SHAFT SHREDDER



Optimal access for maintenance and service



Adjustable cutting gap for consistent result



Accessible engine compartment for maintenance & service work



Optional overhead magnet, discharging on both sides

Highly wear-resistant, replaceable wear plates in the feed hopper

High and step feed hopper side walls prevents bridging of material

Bolt-on shredder tools

Extra long discharge belt with hot galvanized frame

Optionally available comb extension

Easy to operate and user-friendly display

Programmable cleaning cycle and reverse mode for cleaning of the shredder shaft

Diesel fuel and other fluids can easily and safely be checked and filled from the groundlevel

Large engine compartment doors for best possible service and maintenance access

Wheel or tracked chassis
TARGO 3000 only available in track-mounted version

Overload protection from large unshreddable objects

Telematics Diagnostic System



Unique, energy-efficient direct drive



Hydraulically secured counter comb



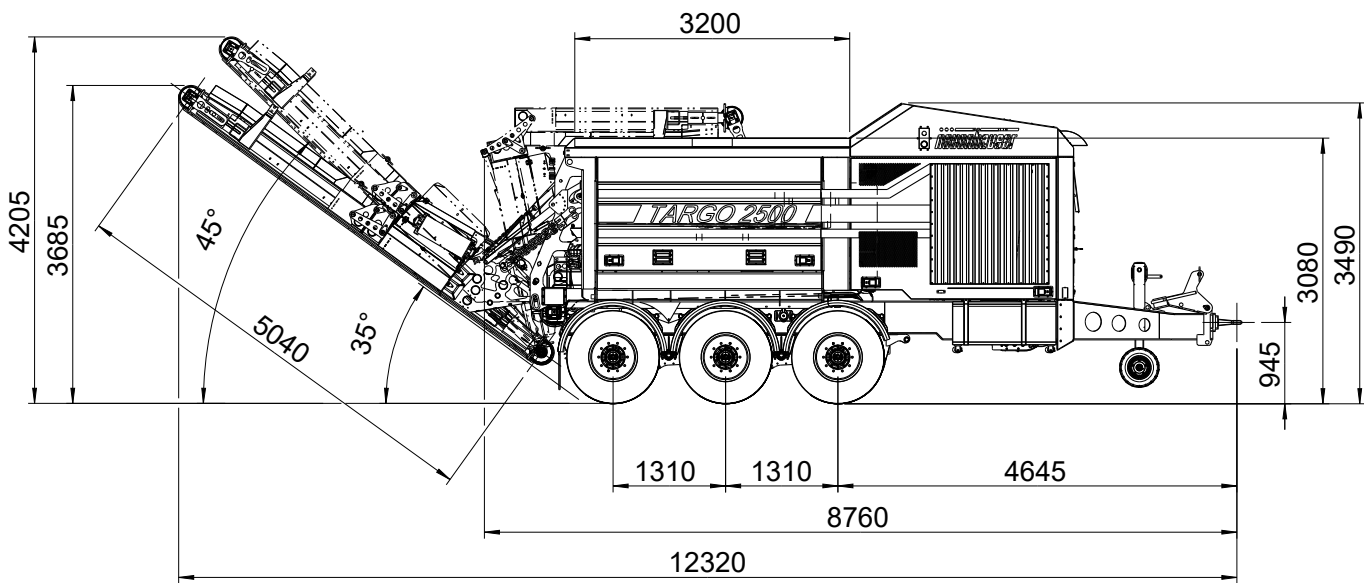
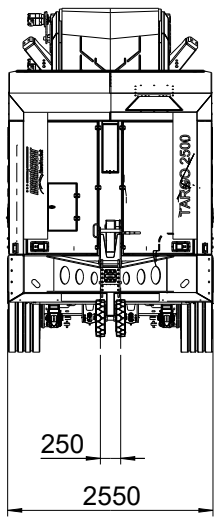
SINGLE-SHAFT
SHREDDER
TARGO 2500
TRAILER



MOBILE AND INDEPENDENT

Efficient, reliable and flexible, the TARGO 2500 single-shaft shredder is the perfect all-round and energy efficient shredder. The TARGO 2500 trailer version is the best solution for maximum flexibility and shredding of material at various job sites.

The robust spring suspended tow bar chassis is road legal for registration up to 80 km/h – for your quick and easy transport between job sites.



3-axle spring chassis with ABS brake system and vehicle lighting for 80 km/h as per StVO, with ABS	
Total weight	approx. 25.000 kg
Drive	
Engine type	Diesel direct drive, Volvo Penta TAD 1182 VE
Power	285 kW at 1800 rpm
Emission standard	In accordance with the latest emission standard
Cubic capacity	11 litres
Fuel tank	approx. 500 litres
Shaft	
Length	2.500 mm
Diameter	600 mm
Rotation speed	max. 28 rpm
Number of teeth	16 (optional 32 teeth)
Comb	
Length	2.500 mm
Number of teeth	16
Discharge conveyor belt	
Belt width	1.200 mm
Length	5.040 mm
Collecting conveyor belt	
Belt width	1.000 mm
Length	3.335 mm



SINGLE-SHAFT
SHREDDER

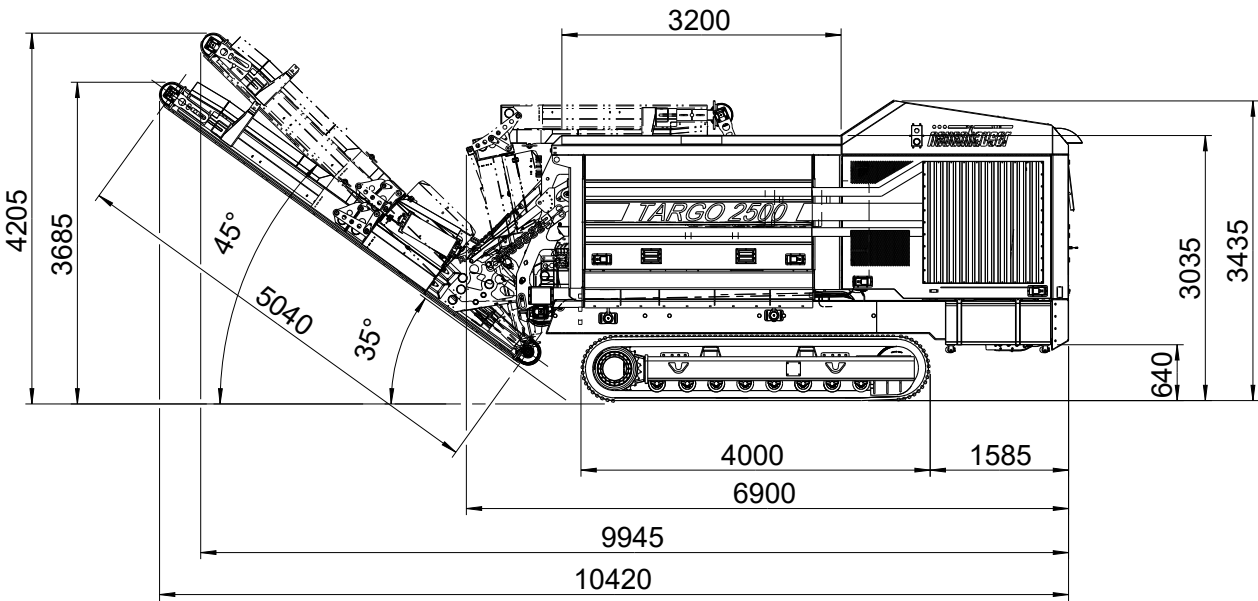
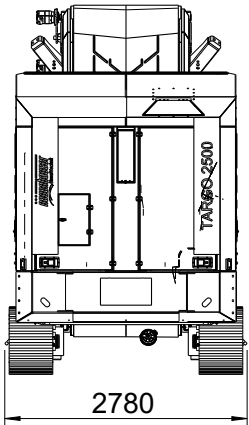
TARGO 2500
TRACKED



A MATCH FOR ANY TERRAIN

TARGO 2500 Track is made for moving on rough ground such as landfills and construction sites. Thanks to the remote control, setup of the system at the work site is quick and easy. The two speed track undercarriage gives you both speed, strength and precision when moving the shredder.

Optionally, the track pads can be replaced, e.g. by flat shoes or equipped with rubber pads, to protect sensitive surfaces such as asphalt.



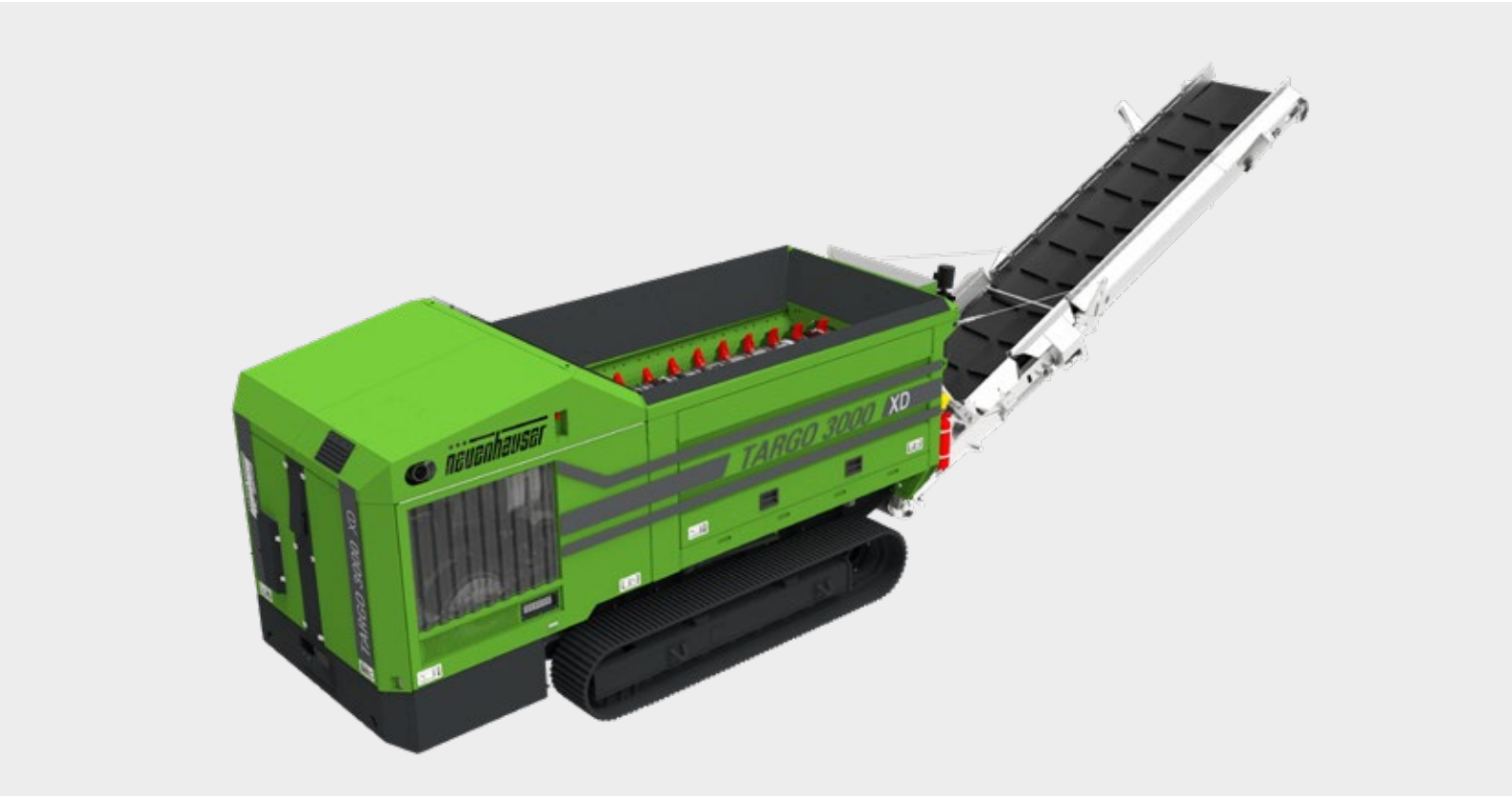
Self-driving tracked chassis frame; with two variable driving speeds		
Total weight	approx. 28.000 kg	
Drive		
Engine type	Diesel direct drive, Volvo Penta TAD 1182 VE	
Power	285 kW at 1800 rpm	
Emission standard	In accordance with the latest emission standard	
Cubic capacity	11 litres	
Fuel tank	approx. 500 litres	
Shaft		
Length	2.500 mm	
Diameter	600 mm	
Rotation speed	max. 28 rpm	
Number of teeth	16 (optional 32 teeth)	
Comb		
Length	2.500 mm	
Number of teeth	16	
	Discharge conveyor belt	Collecting conveyor belt
Belt width	1.200 mm	1.000 mm
Length	5.040 mm (optional 7.500 mm)	3.335 mm



SINGLE-SHAFT SHREDDER

TARGO 3000 XD

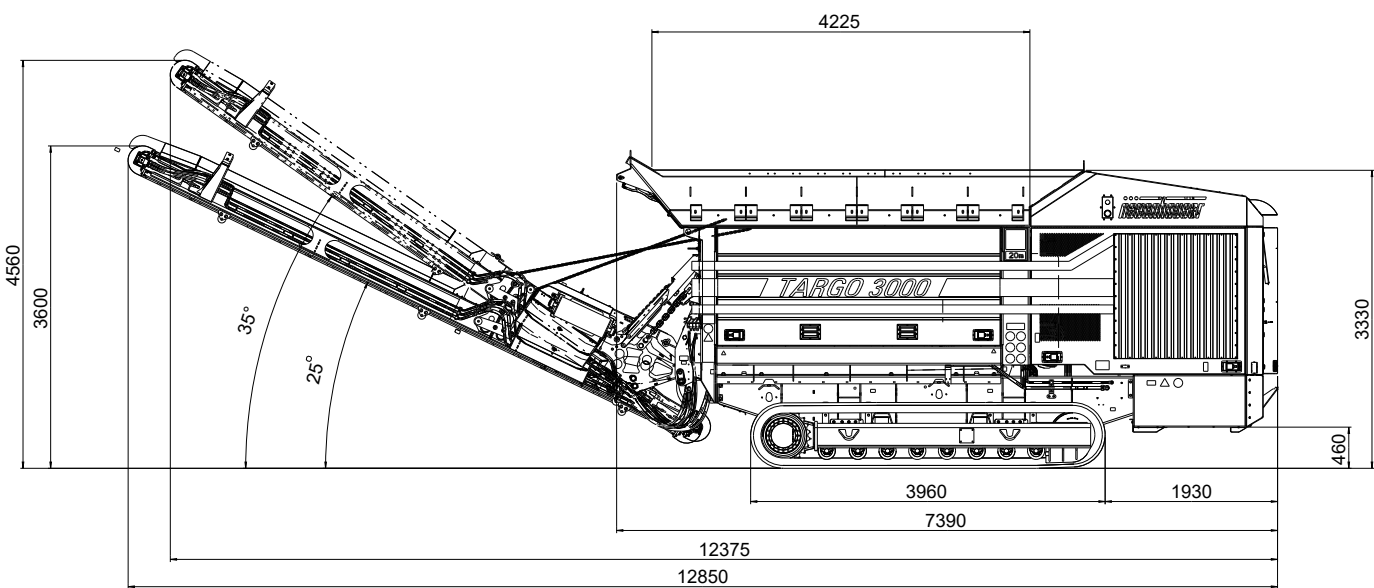
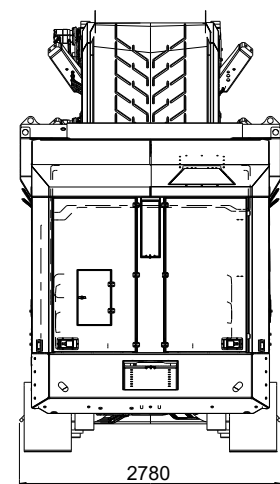
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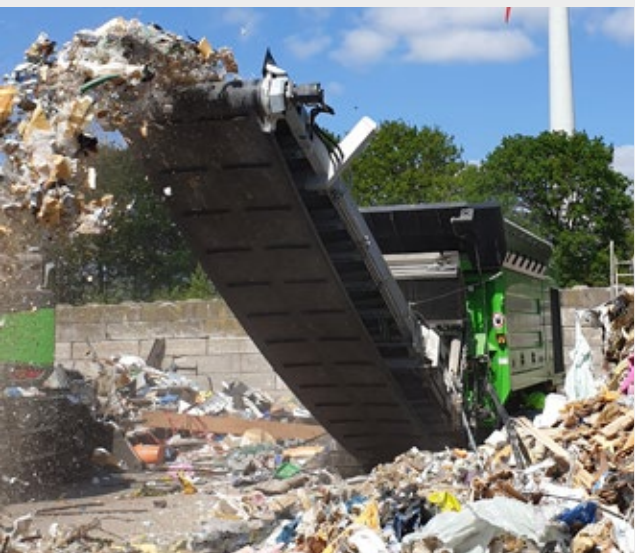
EXTRA DUTY

The TARGO 3000 XD - where XD stands for eXtra Duty.

With a weight of 35 tons, the XD is the real heavyweight champion within its class. The custom-built heavy duty three-stage direct drive gearbox transfers even more torque to the shredder shaft.



	Self-driving tracked chassis frame; with two variable driving speeds	
Total weight	approx. 35.000 kg	
Drive		
Engine type	Diesel direct drive, Volvo Penta TAD 1374 VE	
Power	375 kW	
Exhaust emission standard	In accordance with the latest emission standard	
Engine displacement	13 litres	
Fuel tank	approx. 500 litres	
Shaft		
Length	3.000 mm	
Diameter	600 mm	
Rotation speed	max. 34 rpm	
Qty. of teeth	21 (optional 42 teeth)	
Comb		
Length	3.000 mm	
Qty. of teeth	20	
	Discharge conveyor belt	Collecting conveyor belt
Belt width	1.200 mm	1.000 mm
Length	5.040 mm (optional 7.500 mm)	3.335 mm



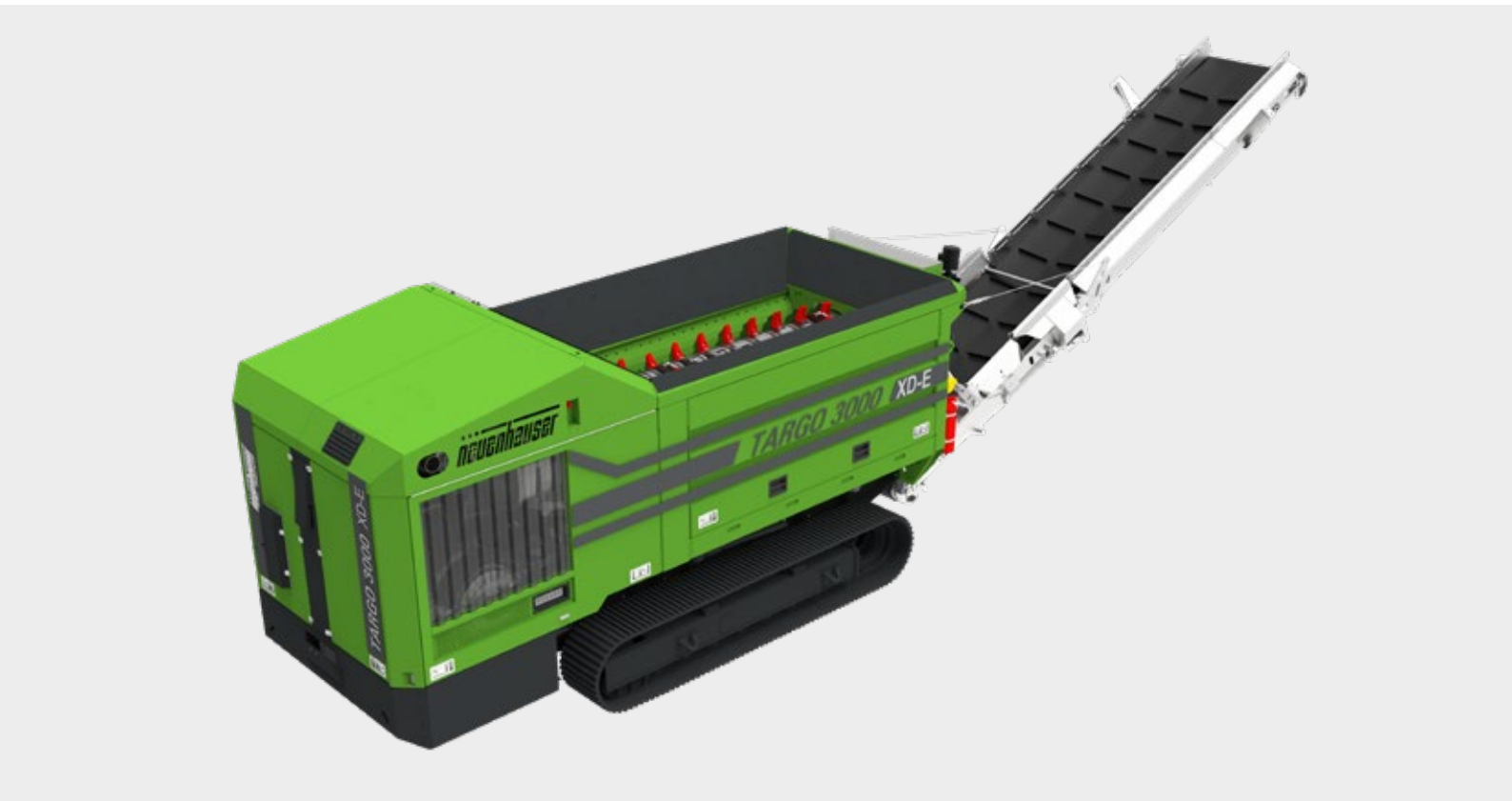
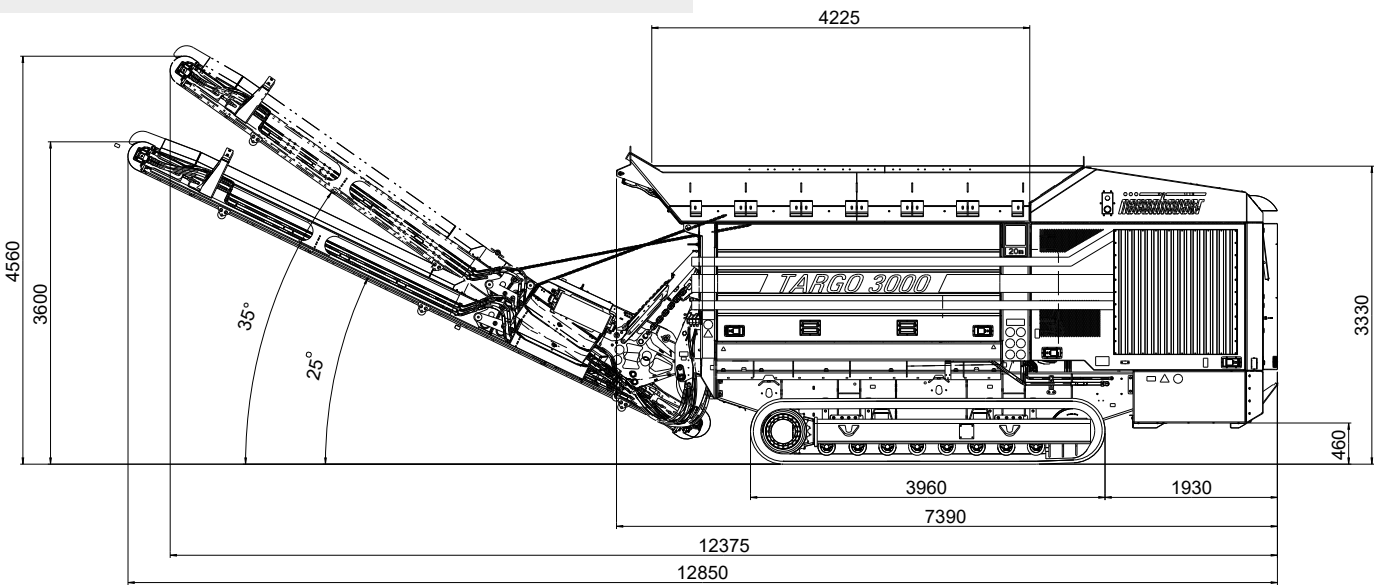
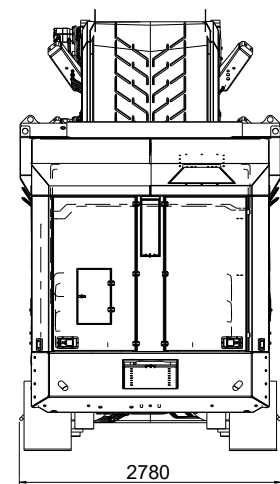
SINGLE-SHAFT SHREDDER

TARGO 3000 XD-E TRACKED



ELECTROMECHANICAL DRIVE

The TARGO 3000XD-E with electric drive is even more energy efficient and environmentally friendly. Powered by the strong 315 kW electric motor it immediately delivers full power and torque to the shredder at very low noise and zero exhaust emissions. This system offers you a significant advantage in terms of lower operating cost and energy efficiency due to its high performance. Built on a strong track undercarriage it can be moved in any terrain. With the lower operating cost and the energy efficiency of a stationary machine, combined with the features and flexibility of a mobile machine.



Self-driving tracked chassis frame; with two variable driving speeds		
Total weight	approx. 35.000 kg	
Drive		
Engine type	3-phase asynchronous electric motor	
Power	315 kW/50 Hz (360 kW/60 Hz)	
Exhaust emission standard	IE3	
Shaft		
Length	3.000 mm	
Diameter	600 mm	
Rotation speed	max. 34 rpm	
Qty. of teeth	21 (optional 42 teeth)	
Comb		
Length	3.000 mm	
Qty. of teeth	20	
	Discharge conveyor belt	Collecting conveyor belt
Belt width	1.200 mm	1.000 mm
Length	5.040 mm (optional 7.500 mm)	3.335 mm



ADDITIONAL EQUIPMENT

Multifunctional through numerous options, such as:

AUTOMATIC REVERSING MODE



With the optionally available automatic reversing mode, the machine operator activates the cleaning mode of the shredding shaft by remote control.

DISCHARGE BELT EXTENSION



An extended discharge belt enables particularly large material cones and direct loading of the shredder from transport vehicles.

ADDITIONAL HOPPER EXTENSION



The additional hopper extension simplifies and accelerates loading of the mobile machine to optimize the entire shredding process.

WIRELESS REMOTE CONTROL



To significantly reduce the time and personnel required, the remote control allows comfortable control of the mobile shredder even from the wheel loader.

ÜBERBANDMAGNET



Without disturbing the ongoing conveying process, the overhead magnet removes iron and steel components from the material to be processed, such as construction debris.



In dusty and dirty ambient conditions, the optional air precleaner protects the diesel engine's air filter from excessive contamination.

WHEEL DRIVE SYSTEM



CLEANFIX REVERSIBLE FAN



Under the predominantly dusty and dirty conditions on construction sites and landfills, the reversible fan ensures reliable cooling of the diesel engine and the hydraulic oil.

WEAR PROTECTION FOR COUNTER COMB



For a significant increase in operating time, the counter comb can be optionally equipped with additional wear protection.

COMB EXTENSION



The optional comb extension increases the effectiveness of the TARGO in the uniform shredding of diverse residual materials from waste wood to bulky waste.

TELEMATICS DIAGNOSTIC SYSTEM



Diagnostic system for permanent recording and clear display of service-relevant data and information.

Neuenhauser Recycling Technology GmbH

Hans-Voshaar-Str.
D-49828 Neuenhaus

Phone: +49 (0)5941 604-279

E-mail: info@neuenhauser-retec.de

YouTube: www.youtube.com/Siebtechnik



More Information:

WWW.NEUEHAUSER-RETEC.DE