

LINDNER



PRODUCT PORTFOLIO

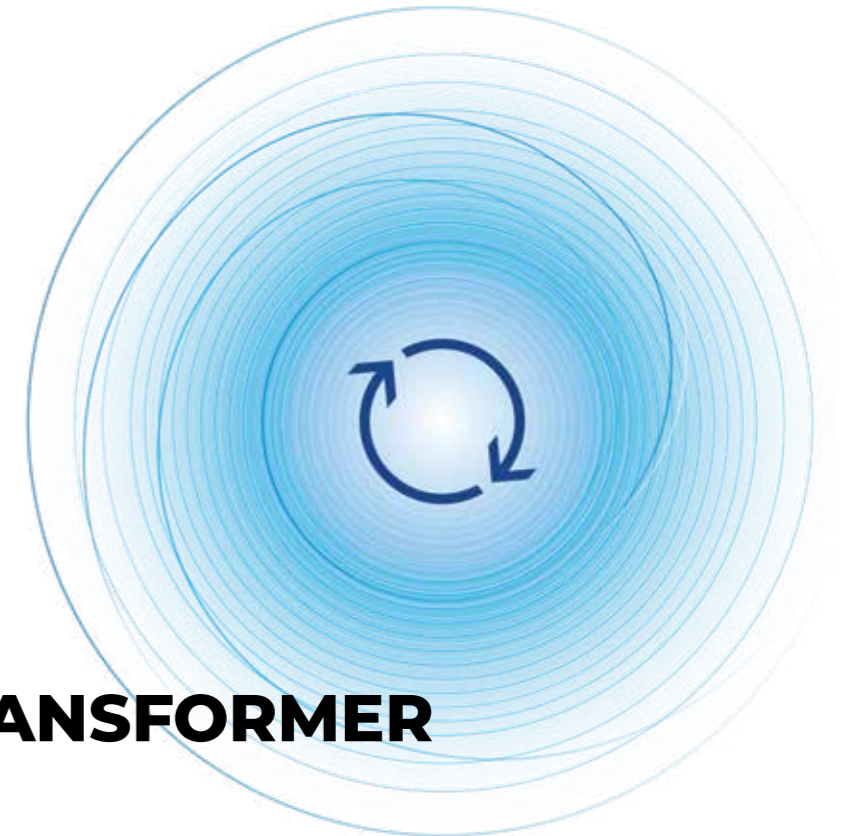
MOBILE SHREDDING.



FELIX SCHUSTER | SCHUSTER METALL
READY FOR THE FUTURE OF HIS
BUSINESS

BE A WASTE TRANSFORMER.

**READY FOR
THE FUTURE OF
YOUR BUSINESS.**



#WASTETRANSFORMER

MAKE THE MOST OF WASTE.

SHREDDING TECHNOLOGY AND SYSTEMS ENGINEERING FOR THE RECYCLING INDUSTRY OF TOMORROW.

We believe in transforming waste into precious materials. That's why we invest all our knowledge and innovative power in shredding machines and system solutions that are highly efficient, robust, reliable and easy to maintain. So our clients can transform waste into a valuable and reusable resource – efficiently and reliably.



In-house research and development



Production on state-of-the-art machines, using the latest robotics & automation technology



In-house electrical engineering department



Consulting, engineering & system construction



Worldwide service network

Export countries



> 90

Employees worldwide



> 500

Locations worldwide



8

INNOVATION AS A PRINCIPLE – QUALITY PROMISED AND DELIVERED

Josef Lindner founded our family business in 1948. He started by planning and producing machines and systems for the wood industry. Today, more than 70 years later, the company is still family-owned, employs over 500 people worldwide and exports to more than 90 countries.

Production still takes place in Austria. In 2022, we moved into our home of recycling, the new company headquarters in Spittal an der Drau in Carinthia, Austria. We manufacture in line with trailblazing production standards on a 14,000 m² facility using the latest robotics & automation systems. This way, we are able to manufacture the majority of components in-house, guaranteeing our proven Lindner quality and the rapid availability of machines, systems and spare parts.



THERE'S MORE TO IT.



DIESEL OR ELECTRIC. THE URRACO SERIES DRIVES

Depending on the series, the Urraco models are equipped with a Scania or ABB engine with Bosch hydraulics (diesel drive) or Linde hydraulics (electric drive) controlled by Bosch BODAS controls. The result:

- Up to 15% more throughput compared to standard hydraulic systems since the machines adapt more quickly to the performance required at any given moment
- Low consumption and even utilisation of the diesel engines & electric motors
- Perfect adaptation to the material thanks to preconfigured programmes



MAXIMUM VERSATILE MOBILITY

Hook lift, base frame, semi-trailer or track drive - the Urraco Series has got you covered. The e-models also sport an independent diesel unit which makes it possible to move the shredder to a different location without the need for cables - for that extra flexibility.

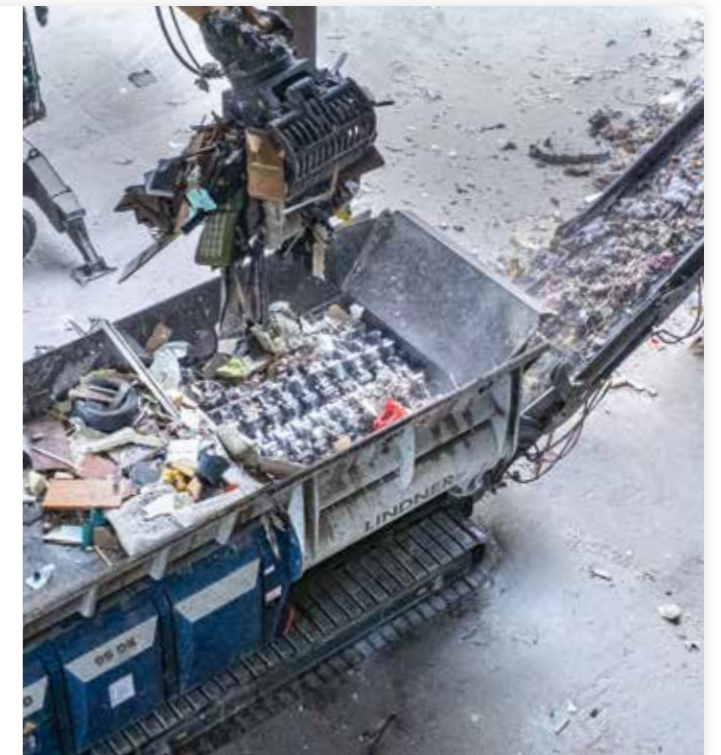
THE URRACO SERIES SYNCHRONOUS TWIN-SHAFT CUTTING SYSTEM

The Urraco series revolutionises shredding thanks to welded cutting systems. The solid design makes short work of shredding and due to the cutting, crushing and ripping action, the material is pulled in aggressively leading to minimal downtime. The 4000 and 5000 series models also sport Lindner's Sky Flap for that extra comfort and access to the rotor. Even with difficult applications and a high non-shreddables content, the machine remains safe thanks to the automatic non-shreddables detection system.



UNIVERSAL APPLICABILITY

The Urraco series is also all about versatility when it comes to the cutting system. From waste wood, municipal, commercial and industrial waste and bulky waste to rootstocks and light scrap - the different shaft systems are suitable for a wide range of materials. The final output size varies from 150 to 350 mm.

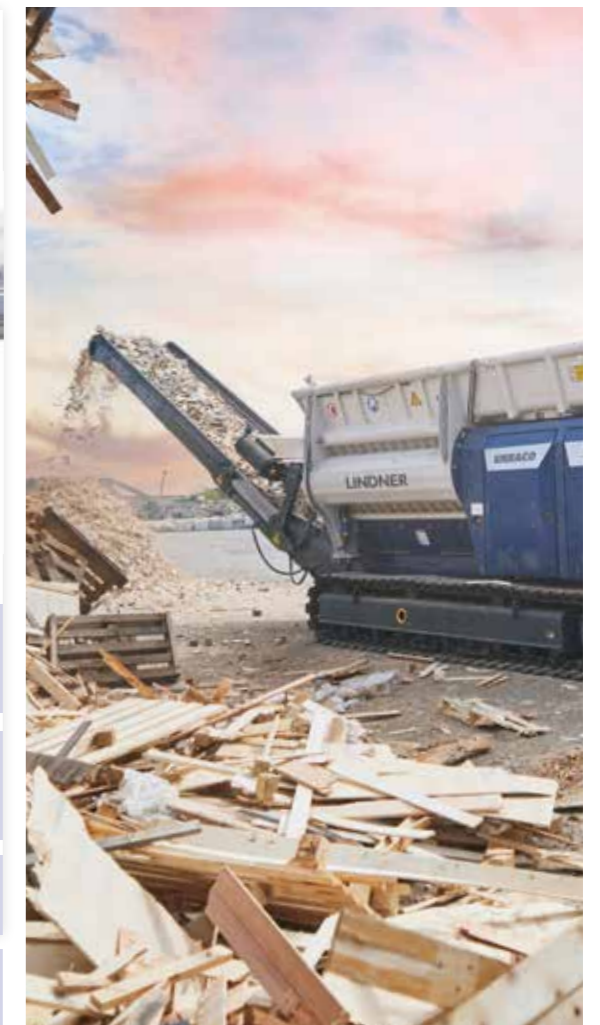



THE RIGHT SOLUTION.


The mobile shredding and system solutions are the product of powerful drives and mighty technology. Where dedicated specialists encounter universal geniuses. And they all have one thing in common, that's just so Lindner: the robustness and quality of the components and the welded cutting system for maximum reliability with minimum maintenance.


	URRACO 75	URRACO 95	URRACO 4000
			
	   	   	   
Drive:	257 kW diesel engine 200 kW electric motor	566 kW diesel engine	330 kW diesel engine 250 kW electric motor
Mobility:	Hook lift, tracked chassis	Tracked chassis	Base frame, semi-trailer, tracked chassis
Speed range:	10 - 30 rpm	10 - 30 rpm	9 - 27 rpm
Shaft length:	2 x 1500 mm	2 x 2500 mm	2 x 2000 mm


	URRACO 5000	ZETA-STAR
		
	   	
Drive:	355 kW electric motor + 45 kW auxiliary functions	56 – 140 kW diesel engine or electric motor
Mobility:	Tracked chassis + independent power unit (37 kW diesel)	Hook lift, tracked chassis
Speed range:	9 - 27 rpm	--
Shaft length:	2 x 2500 mm	--



 Magnetic separator of ferrous material

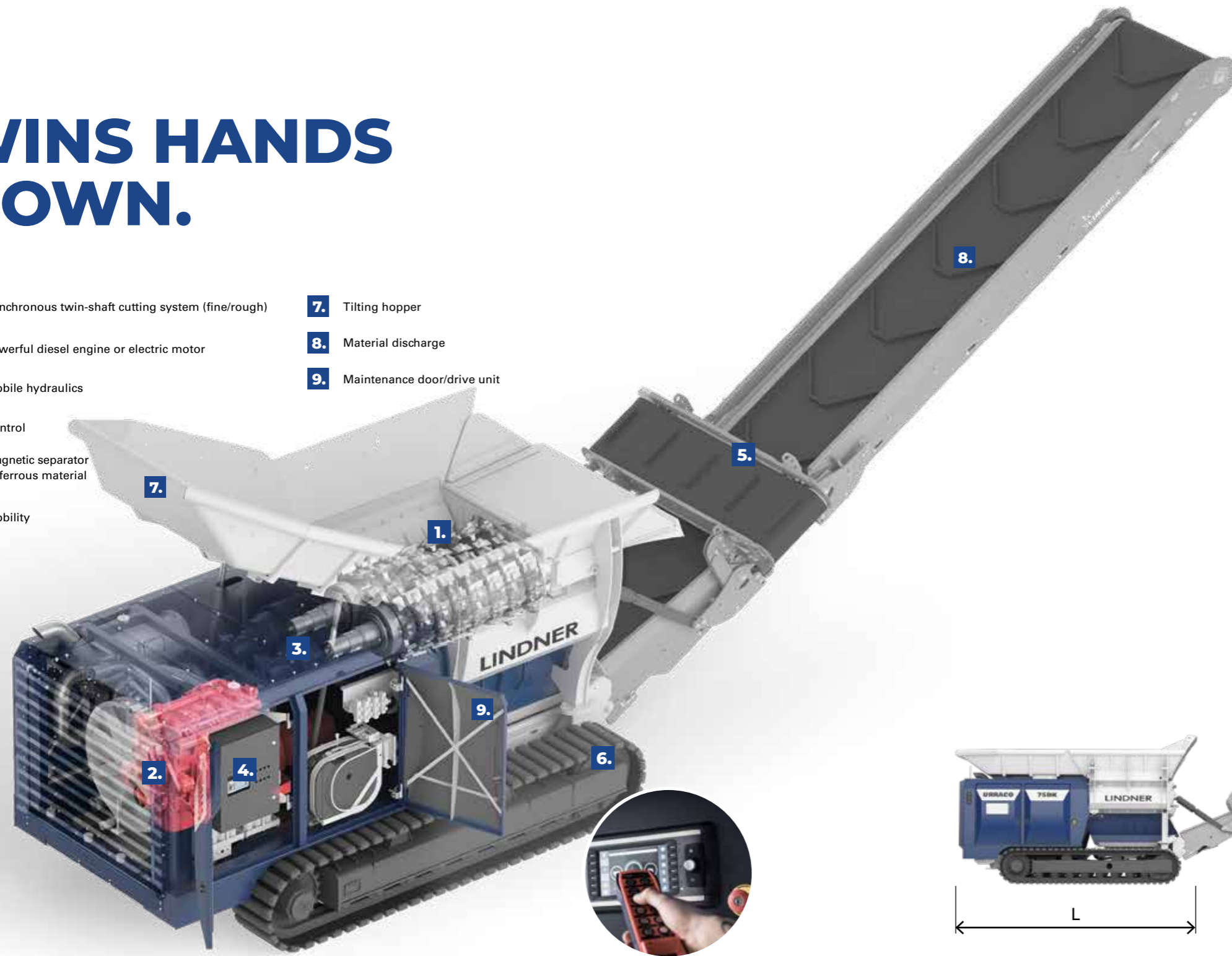
 Fire extinguishing system in engine compartment

 Extended wear protection

 Water sprinkling system

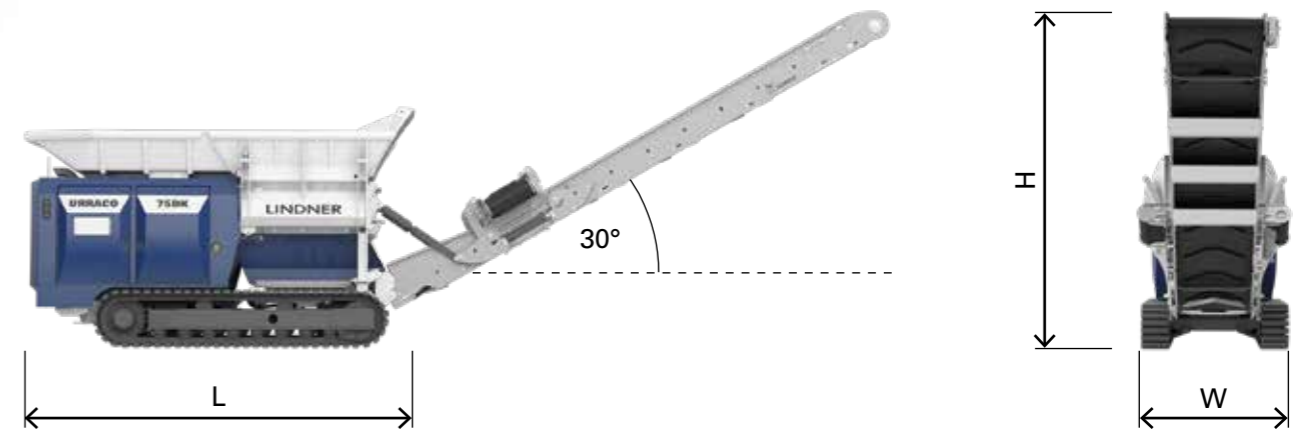
WINS HANDS DOWN.

- 1.** Synchronous twin-shaft cutting system (fine/rough)
- 2.** Powerful diesel engine or electric motor
- 3.** Mobile hydraulics
- 4.** Control
- 5.** Magnetic separator of ferrous material
- 6.** Mobility
- 7.** Tilting hopper
- 8.** Material discharge
- 9.** Maintenance door/drive unit



Gives you all the advantages of mobile shredding while being extremely compact:

Robustly engineered and equipped with a powerful engine, the Lindner Urraco 75 shreds even difficult materials. Depending on the degree of mobility needed, the machine is available in two chassis versions: either with a wheel axle and tow bar, suitable for hook-lift transport and easy placing on the ground, or with a heavy tracked chassis for full mobility on site. Enjoy powerful shredding in an extremely compact form.



For detailed product information, pictures and videos:

		URRACO 75 D	URRACO 75 DK	URRACO 75 E
Diesel or e-drive power	kW	257	257	200
Exhaust gas standard (diesel models)		EU stage V / US Tier 4f / EU stage IIIA		
Mobility		Hook lift*	Tracked chassis	Hook lift*
Shaft length	mm	2 x 1500	2 x 1500	2 x 1500
Weight	t	18.5	22	18.5
Dimensions (LxWxH)	mm	7000 x 2530 x 2800	7000 x 2530 x 2800	6800 x 2500 x 3000
Discharge height, conveyor (30°)	mm	4550	4600	4400

* with optional heavy-duty axle

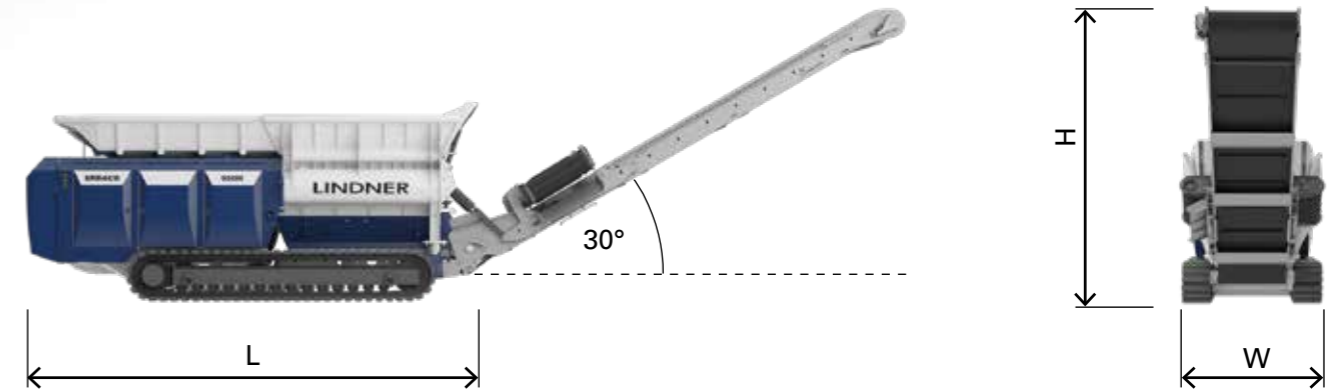
THE MOST POWERFUL ON SITE.

- 1. Synchronous twin-shaft cutting system (fine/rough)
- 2. Powerful diesel engine
- 3. Mobile hydraulics
- 4. Control
- 5. Magnetic separator of ferrous material
- 6. Mobility
- 7. Tilting hopper
- 8. Material discharge
- 9. Maintenance door/drive unit



Takes mobile shredding to the extreme: maximum output, full mobility.

Thanks to its extremely powerful engine, long shaft length and aggressive intake, the twin-shaft Urraco 95DK shredder makes short work of all materials. Extremely efficient and reliable with low wear and tear, this machine is easy to maintain and has a low rate of energy consumption per tonne of shredded material.

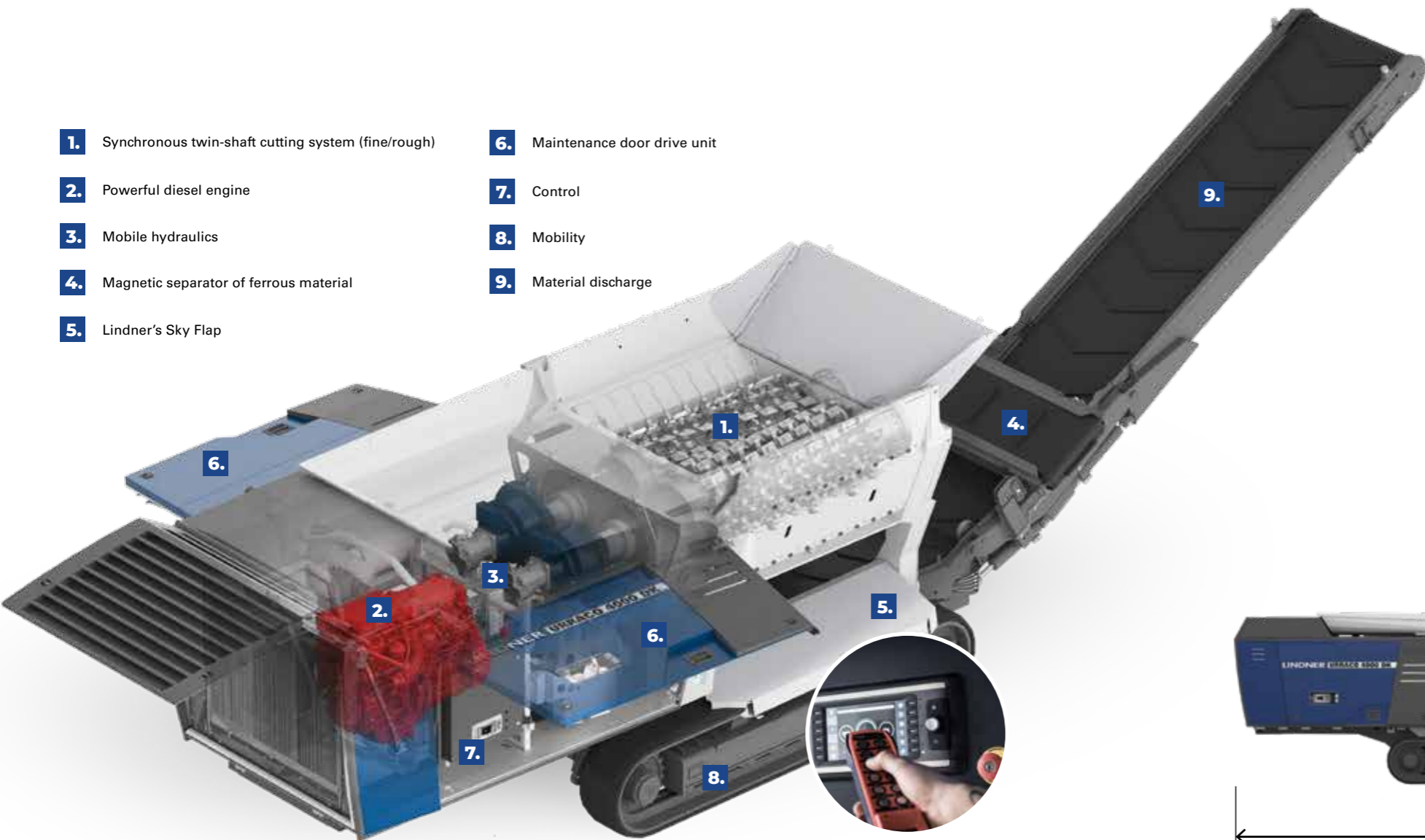


For detailed product information, pictures and videos:

URRACO 95 DK		
Diesel drive power	kW	566
Exhaust gas standard		EU stage V / USTier 4f / EU stage NC
Mobility		Tracked chassis
Shaft length	mm	2 x 2500
Weight	t	42
Dimensions (LxWxH)	mm	9300 x 3000 x 3300
Discharge height, conveyor (30°)	mm	5300

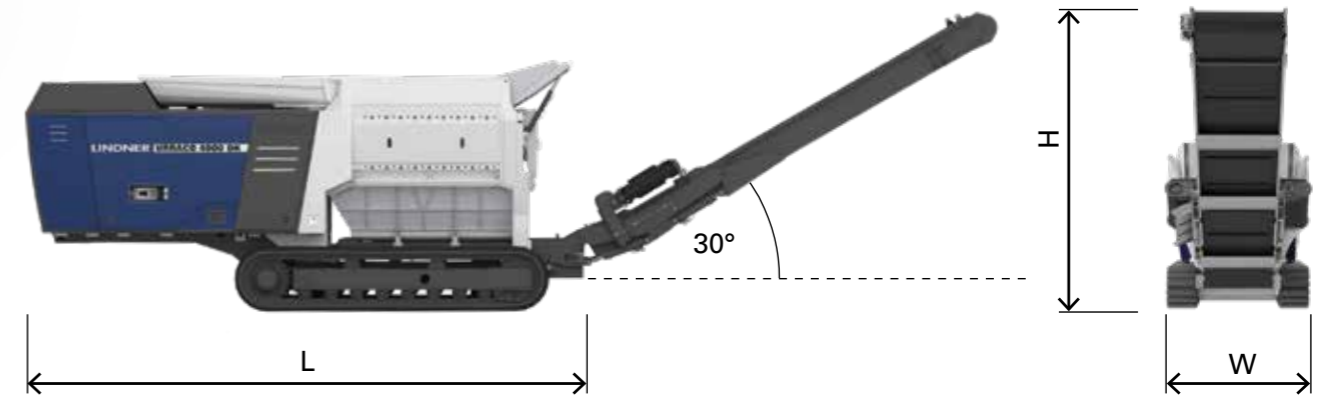
KNOWS NO COMPROMISES.

- 1. Synchronous twin-shaft cutting system (fine/rough)
- 2. Powerful diesel engine
- 3. Mobile hydraulics
- 4. Magnetic separator of ferrous material
- 5. Lindner's Sky Flap
- 6. Maintenance door drive unit
- 7. Control
- 8. Mobility
- 9. Material discharge



The Urraco 4000 models tick all the boxes: tried-and-tested quality paired with maximum availability and continuously high output.

The Lindner's Urraco 4000 mobile shredder generation, leaves nothing to be desired in terms of mobility and the excellent accessibility to the maintenance points and the drive. The result: shorter downtimes, improved productivity and consistently high output. The proven twin-shaft cutting system in combination with the best intake performance shreds even bulky and high-volume materials smoothly, while the extended working area enables easy feeding by a wheel loader.



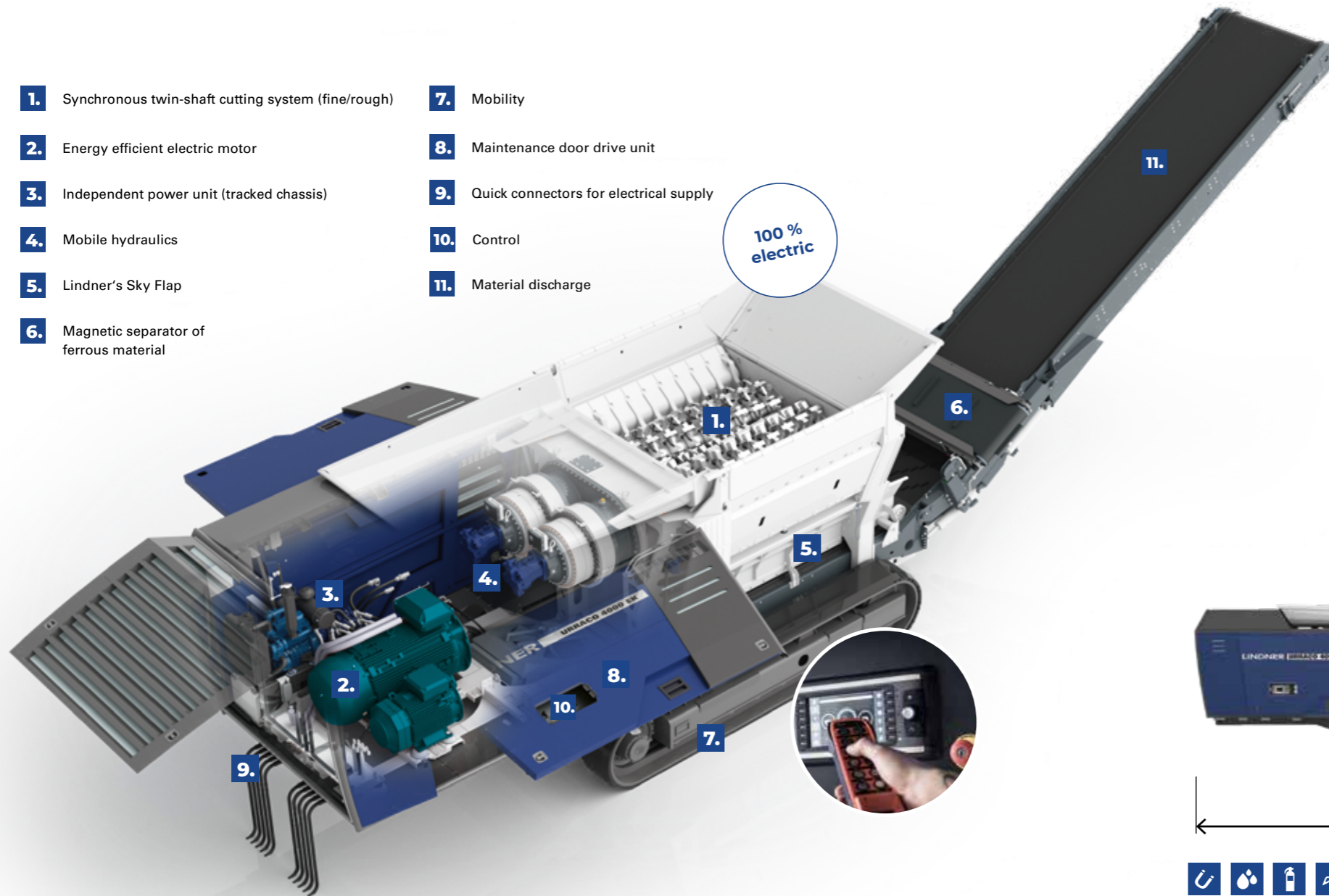
For detailed product information, pictures and videos:

		URRACO 4000 D	URRACO 4000 DK	URRACO 4000 DS
Diesel drive power	kW	331	331	331
Exhaust gas standard		EU stage V / USTier 4f / EU stage IIIA		
Mobility		Base frame*	Tracked chassis	Semi-trailer
Shaft length	mm	2 x 2000	2 x 2000	2 x 2000
Weight	t	25 – 28**	28 – 31**	28 – 31**
Dimensions (LxWxH)	mm	8000 x 2550 x 3200	8000 x 2550 x 3200	8000 x 2550 x 3700
Discharge height, conveyor (30°)	mm	3700 / 4500***	3700 / 4500***	3700 / 4500***

* with optional heavy-duty axle ** depending on the machine configuration *** optional

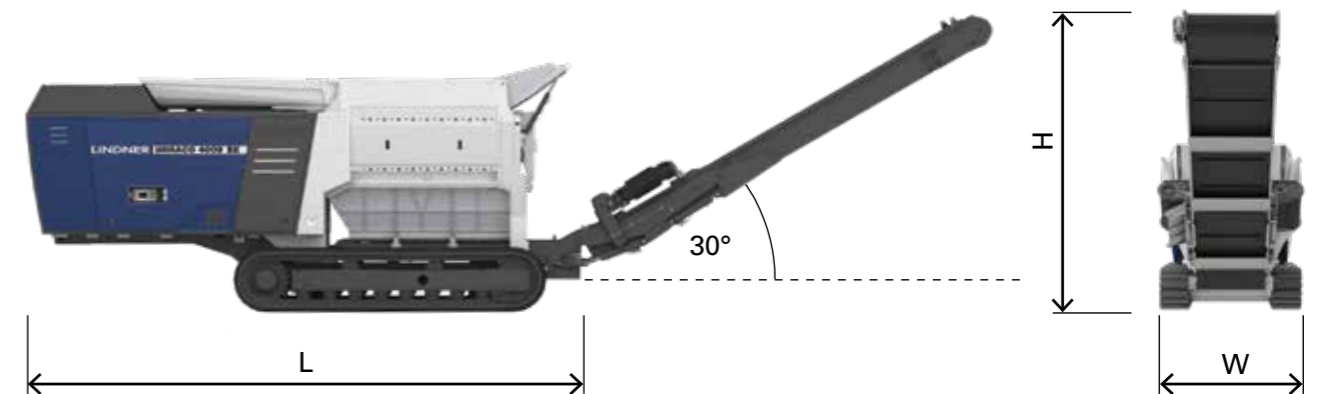
ALWAYS FULLY CHARGED.

- 1.** Synchronous twin-shaft cutting system (fine/rough)
- 2.** Energy efficient electric motor
- 3.** Independent power unit (tracked chassis)
- 4.** Mobile hydraulics
- 5.** Lindner's Sky Flap
- 6.** Magnetic separator of ferrous material
- 7.** Mobility
- 8.** Maintenance door drive unit
- 9.** Quick connectors for electrical supply
- 10.** Control
- 11.** Material discharge



That's efficient shredding the electric way:

In line with 'everything electric', Urraco 4000 series E-models will win you over with their uncompromising performance and their versatile application possibilities. Powered by a 250 kW electric motor, the E-models offer different mobility solutions. Available with a hook lift or with a base frame, the tracked chassis with its independent power unit is particularly impressive since it makes it possible for the shredder to move easily to its next destination without any cables.



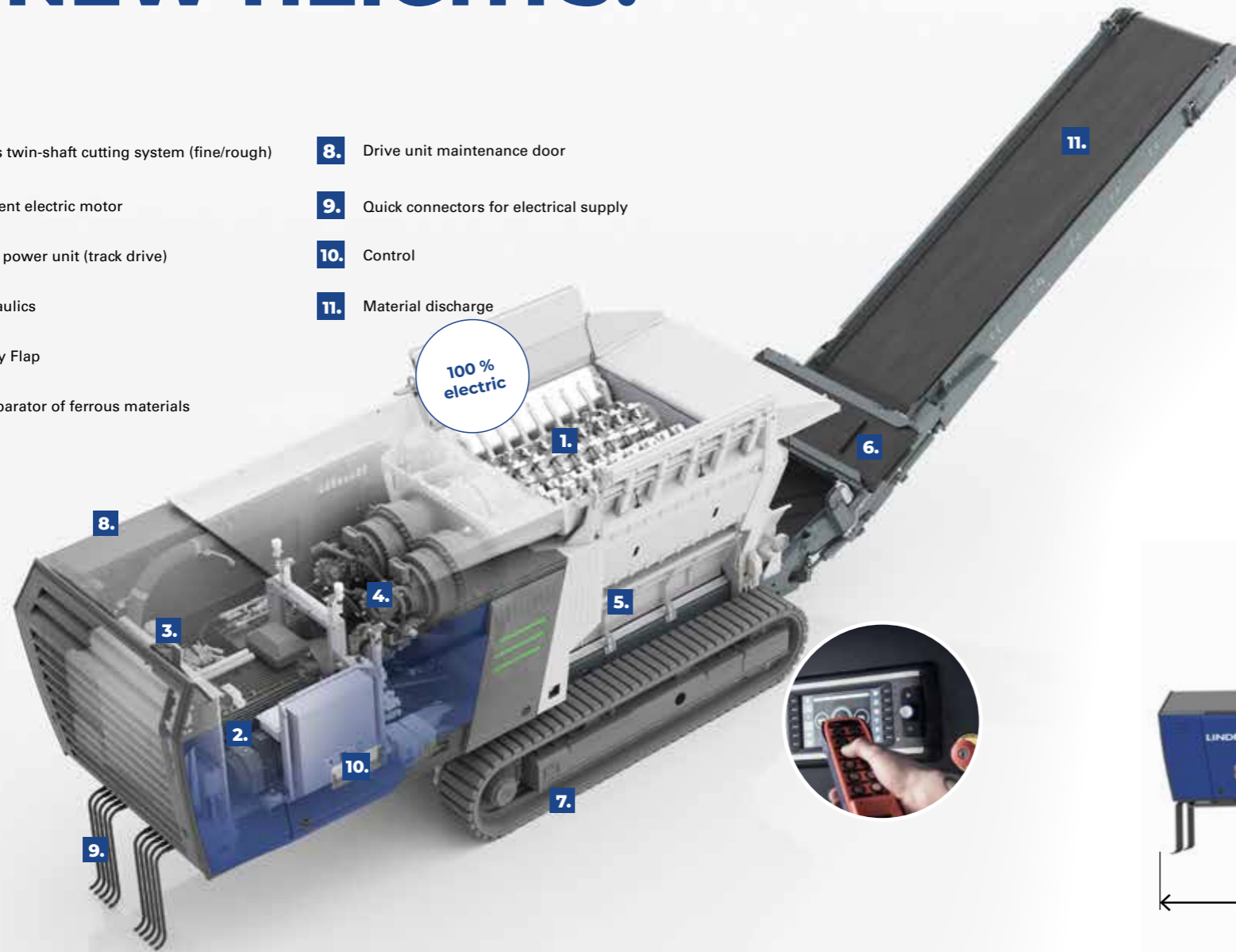
For detailed product information, pictures and videos:

		URRACO 4000 E	URRACO 4000 EK
Electric drive power	kW	250	250
Mobility		Base frame*	Tracked chassis + independent power unit
Shaft length	mm	2 x 2000	2 x 2000
Weight	t	25 – 28**	28 – 31**
Dimensions (LxWxH)	mm	8000 x 2550 x 3200	8000 x 2550 x 3200
Discharge height, conveyor (30°)	mm	3700 / 4500***	3700 / 4500***

* with optional heavy-duty axle ** depending on the machine configuration *** optional

TAKING PRECISION TO NEW HEIGHTS.

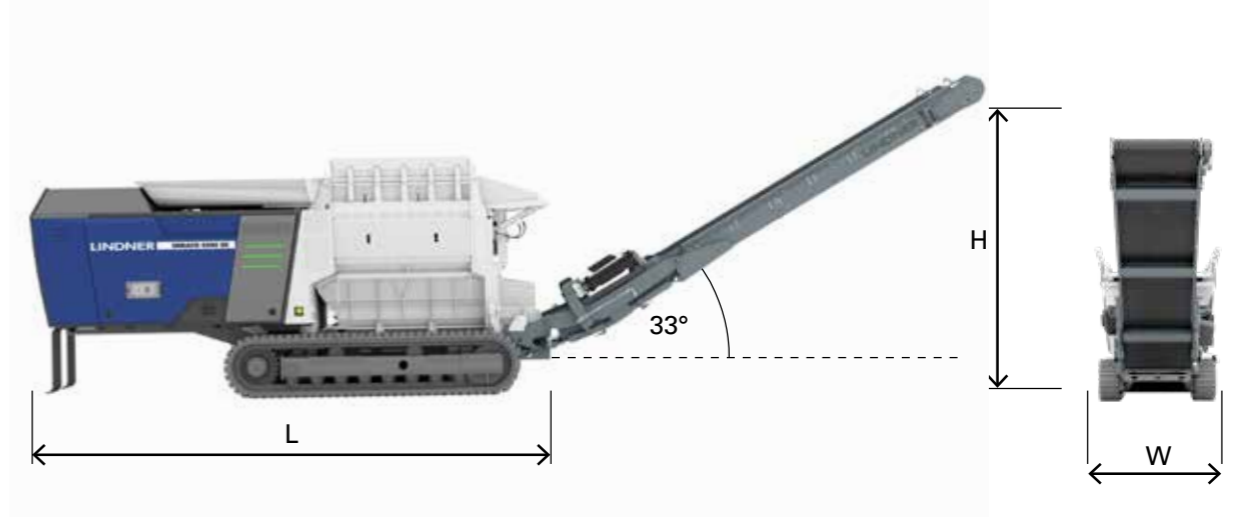
- 1.** Synchronous twin-shaft cutting system (fine/rough)
- 2.** Energy-efficient electric motor
- 3.** Independent power unit (track drive)
- 4.** Mobile hydraulics
- 5.** Lindner's Sky Flap
- 6.** Magnetic separator of ferrous materials
- 7.** Mobility
- 8.** Drive unit maintenance door
- 9.** Quick connectors for electrical supply
- 10.** Control
- 11.** Material discharge



Efficient e-power for powerful and precise shredding.

Equipped with a 355 kW electric motor and new mobile hydraulic control, this machine helps you to keep energy costs to a minimum while providing unparalleled performance. A particle size of < 120 mm makes this probably the most defined output achieved by robust twin-shaft primary shredders on the market.

The Lindner Sky Flap allows for easy access to the cutting unit - making it easy to remove non-shreddables and quickly replace shafts. The 100 t/h shredder also has user-friendly plug & play power sockets. The additional auxiliary power unit makes sure that the shredder can be moved easily to another site - no cables needed.



For detailed product information, pictures and videos:

URRACO 5000 EK		
Electric drive power	kW	355 (45 kW auxiliary functions)
Mobility		Tracked chassis + independent power unit
Shaft length	mm	2 x 2500
Weight	t	38 - 41*
Dimensions (LxWxH)	mm	8950 x 2750 x 3250
Discharge height, conveyor (30°)	mm	4000 / 4850**

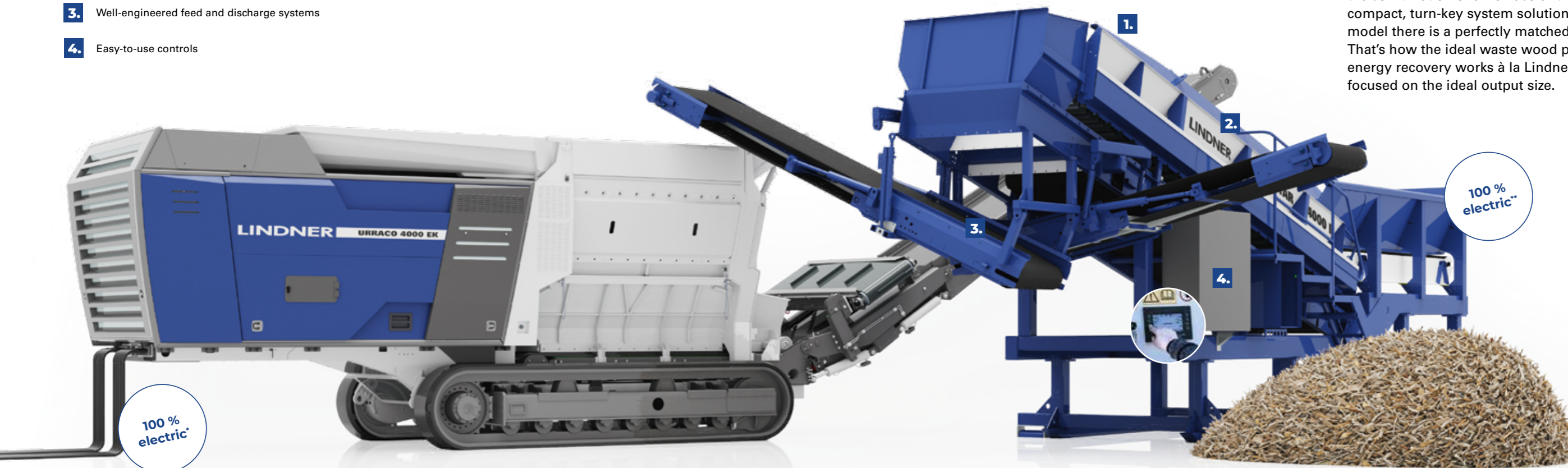
* depending on the machine configuration ** optional

INCREDIBLY RELIABLE.

1. High-end star screening technology
2. Smart screen deck configurations
3. Well-engineered feed and discharge systems
4. Easy-to-use controls

Smart combo – that's how to recover new energy from old wood:

This perfect match of tried-and-tested shredding technology and incredibly flexible screening equipment make the combination of an Urraco and a Zeta Star screen a compact, turn-key system solution – for every Urraco model there is a perfectly matched Zeta Star model. That's how the ideal waste wood processing system for energy recovery works à la Lindner: robust, powerful and focused on the ideal output size.



		ZETA STAR 75 D DK	ZETA STAR 4000 E DK	ZETASTAR 95 DK
Drive power	kW	75 (Diesel)	56 (e-drive) 140 (Diesel)	140 (Diesel)
Exhaust gas standard		EU Stage V / USTier 4f	EU Stage V / USTier 4f	EU Stage V / USTier 4f
Mobility		Hook lift, tracked chassis	Base frame, tracked chassis	Tracked chassis
HOPPER				
Feeding height	mm	2890	3000	3000
Dimensions	mm	1100 x 2250	1400 x 3700	1400 x 3700
Capacity	m ³	3	5	5
SCREEN DECK				
Dimensions	mm	1200 x 4660	1200 x 6800	1700 x 6800
Area	m ²	5.6	8.2	11.6
Final output	mm	0 – 100	0 – 100	0 – 150

		ZETA STAR 75 D DK	ZETA STAR 4000 E DK	ZETASTAR 95 DK
CONVEYOR				
Discharge height, oversized particles (30°)	mm	3715	3535	3585
Discharge height, final output (21°)	mm	2610	2685	2570
DIMENSIONS				
Weight	t	10.5	15	22
Dimensions (LxWxH)	mm	8300 x 2430 x 3040	11835 x 2560 x 4100	11925 x 2995 x 4080
Transport dimensions	mm	7980 x 2490 x 2765	12390 x 2550 x 3500	12000 x 3000 x 3150

* Urraco 4000 E | EK models

** Zeta Star 4000 E model

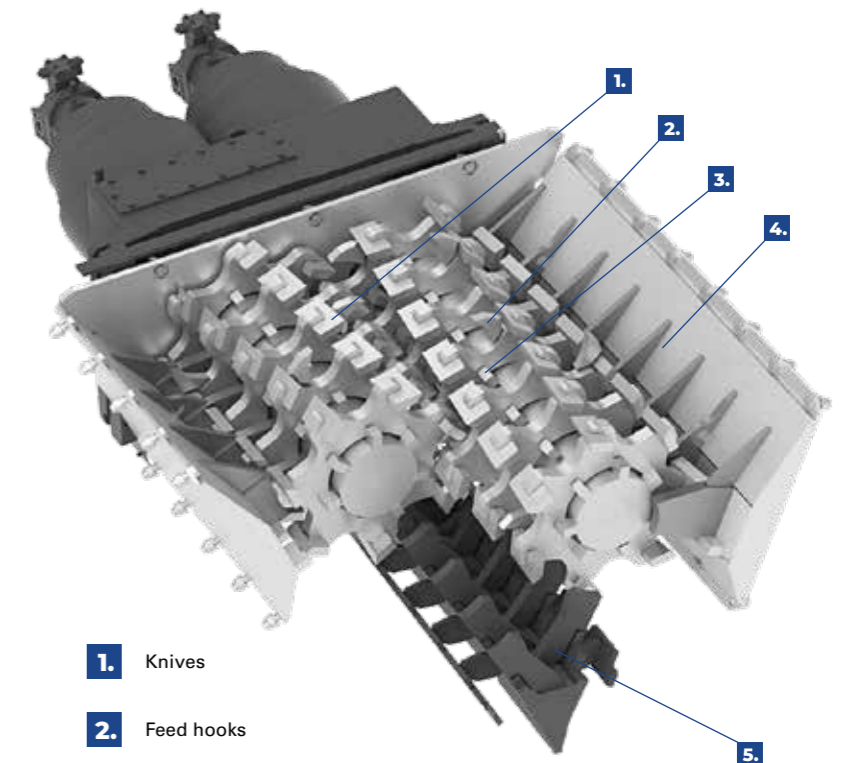
THE PERFECT CUT.

URRACO SERIES CUTTING SYSTEM



Ready for everything: the many advantages of the synchronous twin-shaft cutting system:

Thanks to the Urraco series' welded cutting systems, even shredding difficult materials is a breeze. Low in maintenance, the robust cutting system ensures high operational and low downtimes. Whether waste wood, commercial waste, or light scrap, the universally applicable twin-shaft cutting system is up to every task.



1. Knives
2. Feed hooks
3. Cleaning teeth
4. Scrapers
5. Breaker bar

FROM BIG TO SMALL: THE CUTTING SYSTEMS OF THE URRACO SERIES.



FINE WASTE WOOD

Final output: 150 – 250 mm

- Patented cutting system with a combination of cutting, ripping and crushing
- Cutting action for homogenous output
- Crushing action for fewer superfine particles
- High throughput thanks to an aggressive automatic intake

Perfect for:

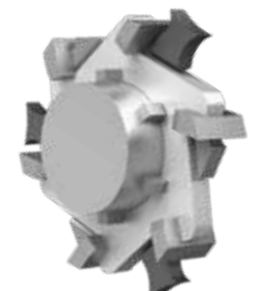
- Waste wood A1 – A2
- Biomass, green cuttings, rootstocks
- Further application possibilities: paper rolls, tar paper, plastics, etc.



MSW, C&I WASTE

Final output: 200 – 350 mm

- Aggressive material intake in both directions of rotation thanks to special combination rippers
- Optimised geometry for self-cleaning of the cutting unit



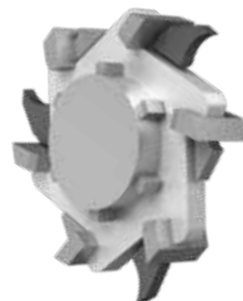
ROUGH WASTE WOOD

Final output: 250 – 350 mm

- System with crushing action for coarse primary waste wood shredding
- Resistant to non-shreddables such as iron fittings, screws, etc.

Perfect for:

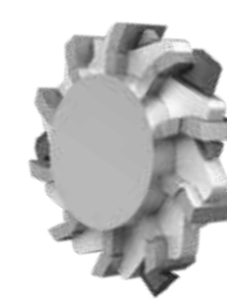
- Waste wood A1 – A4
- Biomass, green cuttings, rootstocks
- Further application possibilities: paper rolls, tar paper, plastics, etc.



LIGHT SCRAP

Final output: 250 – 350 mm

- Optimised, particularly sturdy geometry for metal shredding
- Reinforced knife holders for harder materials such as metal sheets, aluminium profiles, cooking utensils etc.



CREATES VALUE.



Lindner's service – simply offering more.

Commitment and professionalism coupled with extensive expertise and original Lindner spare parts made in Austria ensure top-quality service and the highest machine availability. Individual service solutions mean maximum flexibility and minimal downtimes – any day, every day.

Service à la Lindner:

- Available 24/7 – worldwide
- Remote assistance – rapid support with remote maintenance
- High availability of spare parts thanks to extensive in-house production
- Original Lindner spare parts made in Austria for that extra level of quality

Maintenance – to keep everything running smoothly:

- Flexible maintenance offers for high machine availability
- Spare part packages for every application
- Qualified shaft reconditioning & hardfacing in line with the highest international standards

Lindner-Recyclingtech GmbH

Manuel-Lindner-Strasse 1 | 9800 Spittal/Drau | Austria
t.: +43 4762 2742 | f.: +43 4762 2742-9032 | office@lindner.com

www.lindner.com