



LINDEMANN

Metal Recycling Solutions

**SHE
ARS**

**Always
a cut ahead!**

NONE'S STRONGER!



Lindemann EtaCut II

Lindemann Metal Recycling shears are legendary! Technically, absolutely the class leader, expertly processed, enormously powerful and durable. Driven by up to six 110 kW motors and available with a shearing force of up to 1,600 tons, these machines are capable of breathtaking performance: up to 87 tons scrap/throughput in just one hour! Moreover, Lindemann shears efficiently handle energy consumption: The drive power installed is converted with maximum efficiency into corresponding throughput performance. Unmatched on the market.

Lindemann EtaCut

TECHNICAL DATA

MODEL		EtaCut II 834-8 TD 80-20-16 3 x 110 kW	EtaCut II 1034-8 TD 80-25-20 4 x 110 kW	EtaCut II 1034-10 TD 80-25-20 4 x 110 kW	EtaCut II 1034-10 TD 100-25-20 4 x 110 kW	EtaCut II 1340-10 TD 80-25-20 4 - 5 x 110 kW	EtaCut II 1340-10 TD 100-25-20 4 - 5 x 110 kW	EtaCut II 1340-15 TD 100-25-23 5 - 6 x 110 kW	EtaCut II 1648-15 TD 100-25-23 5 - 6 x 110 kW
Shearing force	t	800	1,000	1,000	1,000	1,300	1,300	1,300	1,600
Stamper force	t	340	340	340	340	400	400	400	480
Side compression force	t	340	500	500	500	500	500	500	500
Lid force	t	270	545	545	545	545	545	545	545
Pusher force	t	120	120	120	120	120	120	120	120
Blade width	mm	800	800	1,000	1,000	1,000	1,000	1,500	1,500
Drive Power	kW	3 x 110	4 x 110	4 x 110	4 x 110	4 x 110 5 x 110	4 x 110 5 x 110	5 x 110 6 x 110	5 x 110 6 x 110
Throughput capacity	t/h	up to 36	up to 41	up to 51	up to 57	up to 50 up to 53	up to 54 up to 58	up to 79 up to 87	up to 77 up to 82
Charge box width	mm	2,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Charge box length	mm	8,000	8,000	8,000	10,000	8,000	10,000	10,000	10,000
Charge box height	mm	1,600	2,000	2,000	2,000	2,000	2,000	2,300	2,300
Machine dimensions width	mm	6,195	7,680	7,992	7,992	7,992	7,992	8,079	8,079
Machine dimensions length	mm	21,657	21,450	21,450	25,400	21,660	25,680	26,250	26,250
Machine dimensions height	mm	6,147	7,480	7,480	7,480	7,570	7,570	7,830	8,840
Machine weight	t	204	266	272	294	293	322	360	373



FEATURES

- Material-dependent cutting programs to optimise throughput
- A central control valve block for simpler maintenance and troubleshooting
- Reliable bypass cooling circuit with a high degree of filtration
- Amply dimensioned, integrated pre-filling troughs for loading during the cutting process
- Lid cylinder protected under the box
- Large overtravel of lid and side compactor for high densities and process reliability
- V-guide of the blade slide for even absorption of the horizontal forces
- Solid, forged blade table for reliable absorption of the shearing forces



LINDEMANN

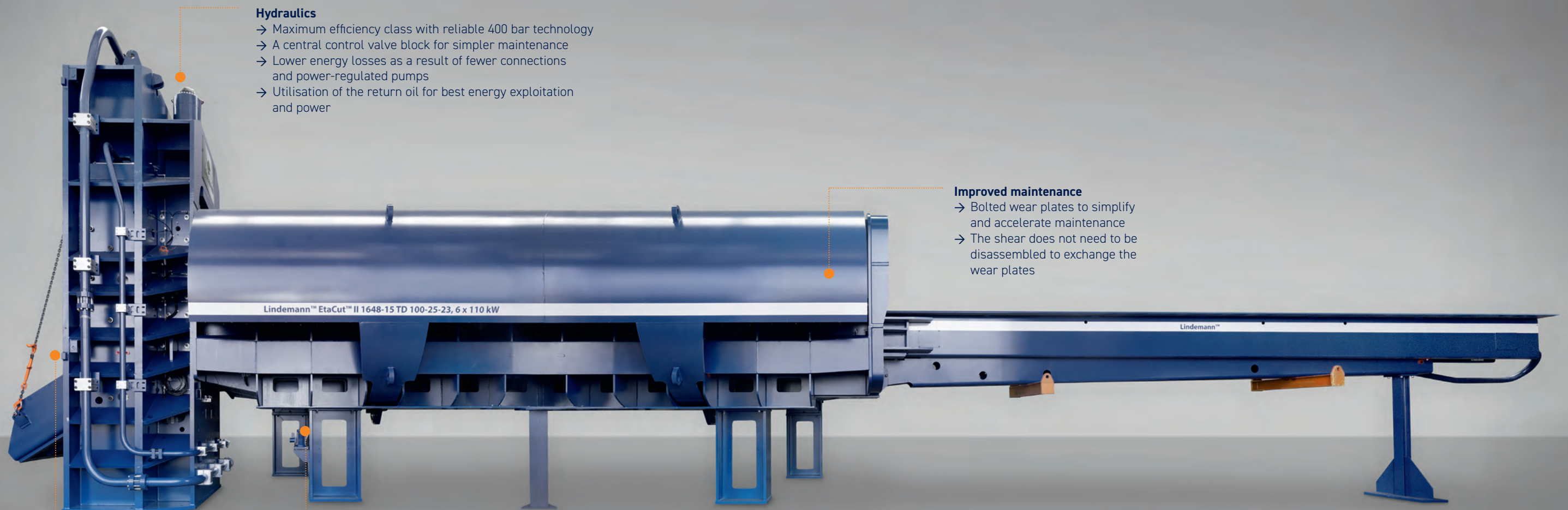
the Original

The most powerful and durable generation of heavy scrap shears. It stands for efficiency and life cycle costs. Both are reflected, in relation to a ton of shearing force, in the worldwide highest throughput performance and most cutting strokes per minute. In addition, its extraordinary reliability and low maintenance costs are inspirational: all wear-intensive areas are fitted with wear plates which are easy and economical to exchange.



- 800 - 1,600 t shearing force
- 340 - 480 t stamper force
- 800 - 1,500 mm blade width
- 8 - 10 m box length
- 340 - 500 t side compression force
- 270 - 545 t lid force
- Up to 87 t throughput/hour
- Options for specific requirements

THE SHARPEST FEATURES IN THE SECTOR



Hydraulics

- Maximum efficiency class with reliable 400 bar technology
- A central control valve block for simpler maintenance
- Lower energy losses as a result of fewer connections and power-regulated pumps
- Utilisation of the return oil for best energy exploitation and power

Improved maintenance

- Bolted wear plates to simplify and accelerate maintenance
- The shear does not need to be disassembled to exchange the wear plates

Blade Side

- Integrated breaker bar bends the scrap before cutting and increases cutting capacity up to 30 %
- Supporting table ensures reliable short cuts
- Easily adjustable guide rails ensure precise cuts and maximum availability

Hydraulic blade tensioning device on the upper and lower blades

- Holds blades reliably in place during cutting process
- Simplifies replacing the bolts for maintenance
- reduces blade maintenance work

All features of the Lindemann product line for maximum durability, performance, efficiency, and maintainability

- Lid and side press with large overstroke
- Bolted-on wear plates
- 400 bar technology
- Hydraulic blade tensioning of upper and lower blades
- Blade slide with long prismatic guides, breaker bar and support table
- Easy and reliable adjustable guides
- Material-dependent fully automatic operation for box and shear
- Automatic machine self-test of pumps and cylinders
- Many other design details based on over 65 years of experience with hydraulic guillotine scrap shears
- Operation by radio remote control by the materials handler operator

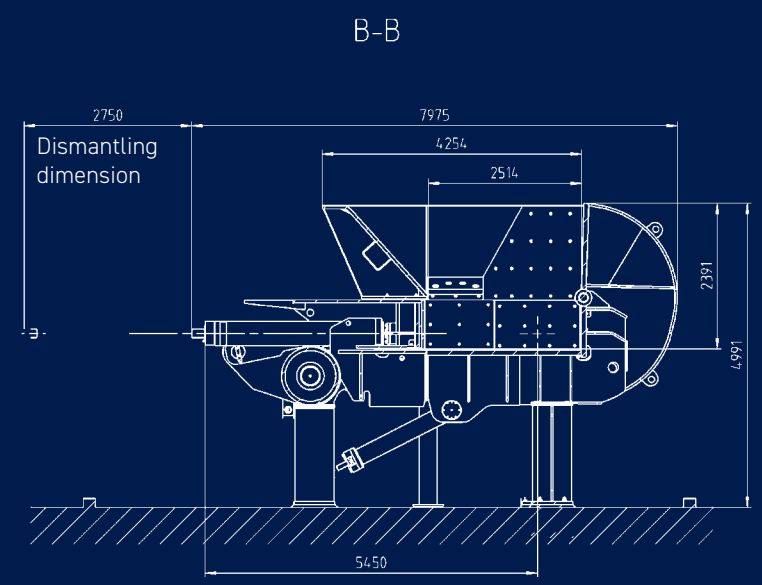
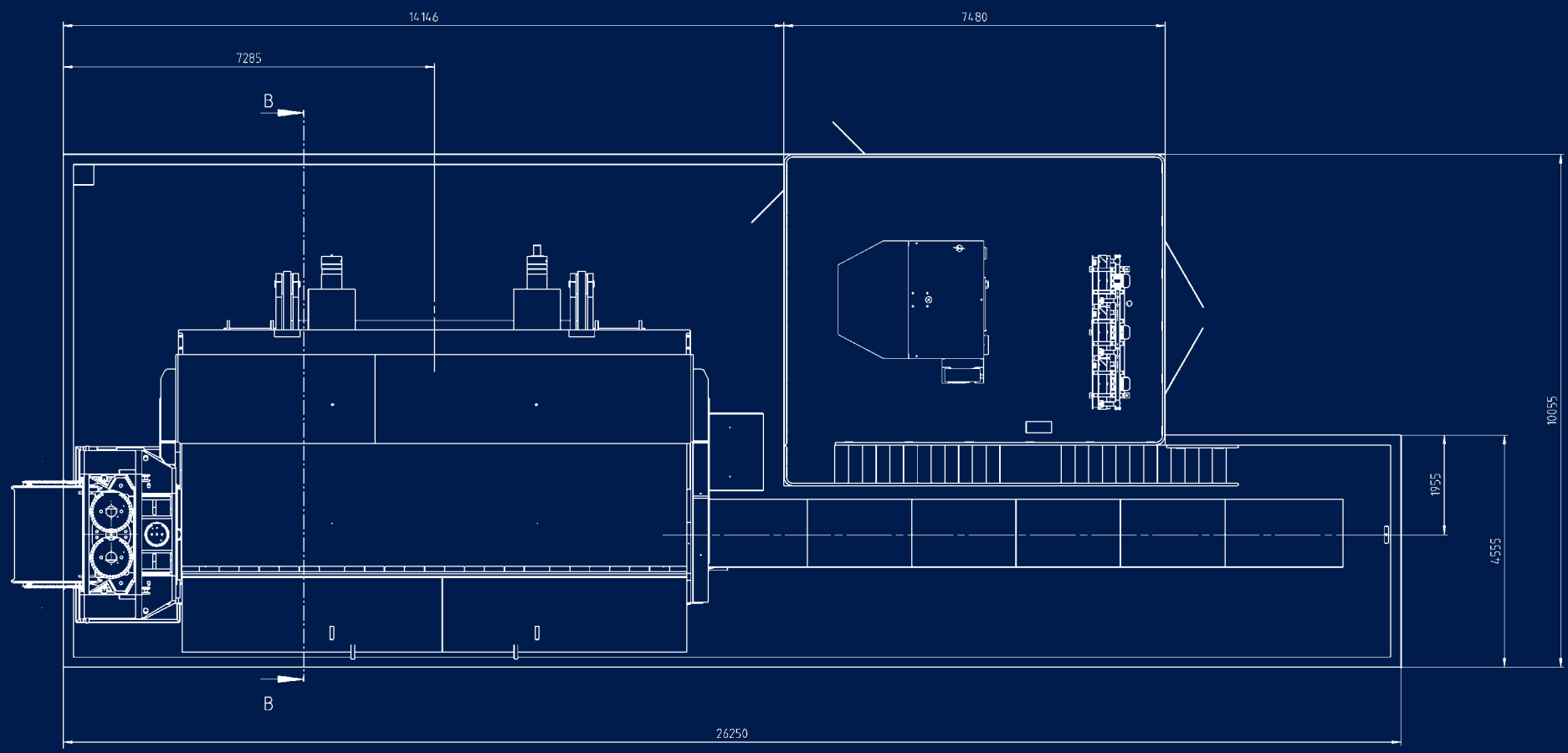
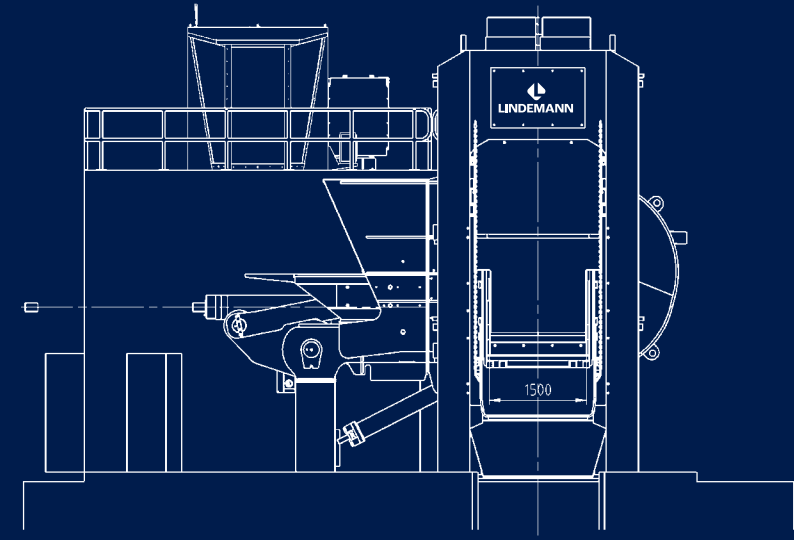
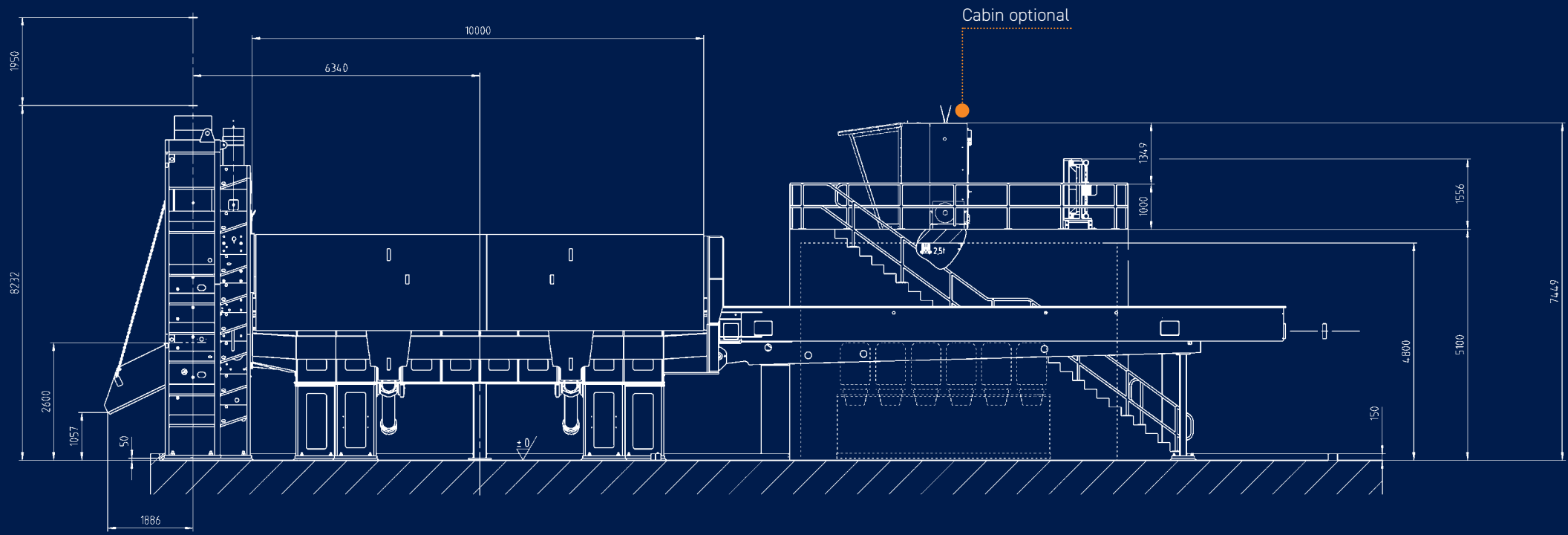
Selectable fully automatic operating modes for the operation of the bed and blade slide according to different material types

- Best performance thanks to optimised motion control

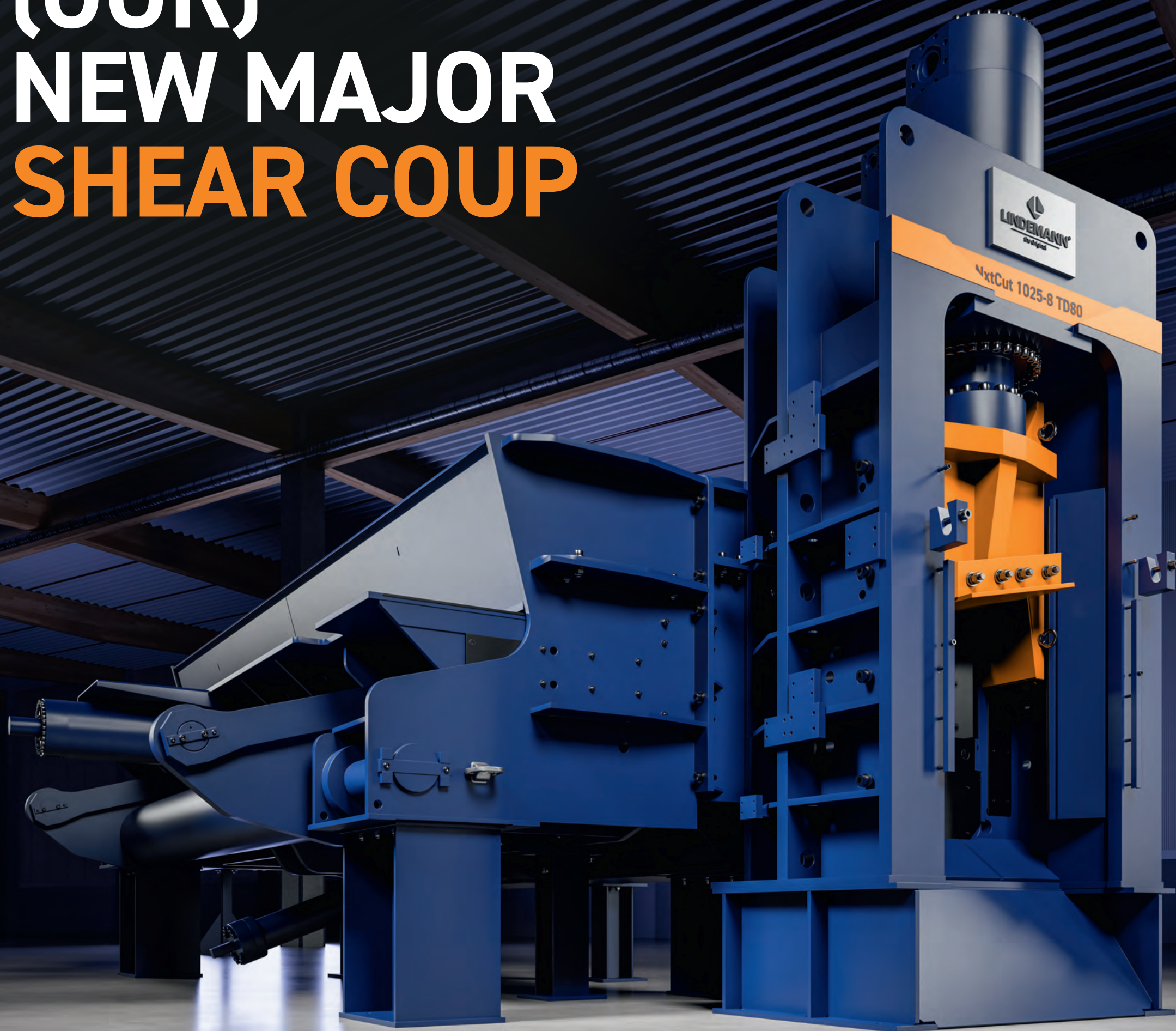
Machine self-test

- Automatically conducted pump and cylinder tests
- Early detection of defects and faults
- Needs-oriented maintenance

IN DETAIL



(OUR) NEW MAJOR SHEAR COUP



Lindemann NxtCut

The efficiency class for medium scrap capacities. It was especially developed for processing different materials with medium volumes.

The efficiency class with an outstanding degree of performance. Their compact and sturdy design underlines their place in this segment.



COMING
SOON

NxtCut
819-8 TD80 with
800 t shearing
force

Lindemann NxtCut

TECHNICAL DATA

MODEL		NxtCut 1025-8 TD80
Shearing force	t	1000
Stamper force	t	250
Blade width	mm	800
Side compression	t	300
Lid force	t	270
Pusher force	t	120
Driving power	kW	3 x 110
Capacity up to	t/h	32
Feed opening (L x W x H)	mm	8000/6200 x 2000 x 1650
Charge box closed (W x H)	mm	800 x 600
Machine dimensions (L x W x H)	mm	20500/169000 x 6500 x 6200

FEATURES

- Real LINDEMANN side compression shear with generous overstroke of side ram and lid
- Still unique in this market: Hydraulic system with 400 bar for best efficiency by minimized losses
- Improved wear plate concept for cost-effective and sustainable operation with maximum operational reliability
- Blade slide with well know LINDEMAN bending bar for improved shearing performance with long materials
- New wear plate design with new dimensions and welded stud bolts for easy and safe maintenance
- Compact design of the hydraulic power unit and switch cabinet in a frame box for easy transport, installation and enclosure.
- Charge box lengths of 6,2 and 8 m available
- Diverse accessories available






GREEN

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