

LINDEMANN EtaCut II

Relentless force. Reliable cutting.
Total scrap control.



The EtaCut II shear product group represents a new generation of heavy-duty stationary scrap shears, delivering shearing forces from 1,000 to 1,600 tonnes. Featuring press box lengths of 8 to 10 metres for high-volume scrap processing, the EtaCut II is designed to handle everything from light scrap to dense, bulky and complex material, combining powerful compaction with precise, controlled cutting performance.

The system integrates a high-force press lid, parallel-guided side compactor and robust pusher, to form dense scrap before cutting with guillotine blades. Optimised press lid kinematics ensure maximum compaction force exactly where it is needed, while overstroke functionality increases density and reduces wear. A vertically operating stamper provides additional compaction and stabilisation during cutting.

Heavy forged blade tables absorb cutting forces, protecting the overall structure and extending service life. Advanced electro-hydraulic drive systems, operating up to 400 bar, ensure efficient power delivery with minimal losses. Integrated digital control via Siemens PLC, automatic programs and full connectivity, through the myLindemann platform, enable predictive maintenance, KPI monitoring and continuous performance optimisation.

GENERAL KEYFACTS

- **Produces consistent, furnace-ready scrap** with improved density and reduced handling costs.
- Heavy-duty stationary scrap shear with **1,000-1,600 tonne shearing force**
- **Reduces downstream wear and energy demand** by delivering uniform material size.
- **Long 8-10 metre press box** designed for high-volume scrap processing.
- Combines **powerful compaction** and **guillotine cutting** in one continuous process.
- **Processes a wide range of materials**, from light scrap to bulky and complex steel structures.
- Parallel-guided side compactor and optimized press lid **maximise density and efficiency**.
- **Overstroke compaction** reduces wear and improves material flow during cutting.

LINDEMANN KEYFACTS

- ⊕ Robust forged blade table absorbs cutting forces and protects the machine structure.
- ⊕ Advanced electro-hydraulic system operating up to 400 bar for high energy efficiency.
- ⊕ Fully automatic programmes optimize cycle times for different scrap types
- ⊕ PLC control with optional myLindemann connectivity for monitoring and predictive maintenance.
- ⊕ Enables efficient processing of heavy scrap, structures, bulky scrap, demolition scrap, pipes and profiles.
- ⊕ Designed for high availability with simplified servicing and reduced downtime.
- ⊕ Supports stable plant throughput and improved overall system productivity.
- ⊕ Compatible with myLINDEMANN for monitoring, diagnostics and performance optimization.

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FACTS AND FIGURES

Model		EtaCut II 1034-8 TD80	EtaCut II 1034-10 TD80	EtaCut II 1034-10 TD100	EtaCut II 1340-10 TD80	EtaCut II 1340-10 TD100	EtaCut II 1340-15 TD100	EtaCut II 1648-15 TD100
Shearing force	t	1000	1000	1000	1300	1300	1300	1600
Stamper force	t	340	340	340	420	420	420	480
Blade width	mm	800	1000	1000	1000	1000	1500	1500
Side compression force	t	500	500	500	500	500	500	500
Lid force	t	545	545	545	545	545	545	545
Pusher force	t	120	120	120	120	120	120	120
Drive Power	kW	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
Capacity, up to*	t/h	45	57	61	57 61	61 66	92 103	98 110
Press box (L x W x H)	mm	8000 x 2500 x 2000	8000 x 2500 x 2000	10000 x 2500 x 2000	8000 x 2500 x 2000	10000 x 2500 x 2000	10000 x 2500 x 2300	10000 x 2500 x 2300
Press box closed (W x H)	mm	730 x 800	910 x 800	910 x 800	910 x 800	910 x 800	1410 x 800	1410 x 800
Machine dimensions (L x W x H)	mm	21450 x 7680 x 7480	21450 x 7992 x 7480	25400 x 7992 x 7480	21660 x 7992 x 7570	25680 x 7992 x 7570	26250 x 8079 x 7830	26250 x 8079 x 8840
Machine weight	t	266	265	293	280 293	308 321	358 360	371 373

This information is only a general description and represents approximate values. It is not guaranteed and contains no warranties or assurance of any kind.
*The performance data is strongly dependent on the type and composition of the feed material, the feed density, the feed rate, and the overall operating performance including the qualification of any operator