

LINDEMANN EtaPress

Setting new standards in efficiency.



FEATURES

LINDEMANN EtaPress balers set new standards in terms of operating safety, flexibility, and operating costs. They have a unique technological concept and easy-to-use, intelligent HMI. The EtaPress stands out on account of the same properties that have distinguished the brand for more than 100 years: quality, durability, and resilience.

Triple action for best results

The LINDEMANN EtaPress has three-sided compaction with a hydraulic operating pressure of up to 350 bar. The optimized construction of the compression chamber made of smooth, thick plates for the EtaPress 22 to 44, and the design of the compression units with their adjustable mechanical stops, provide greater stability, durability, and operating safety under adverse operating conditions.

Impressive peak performance

Load monitoring and optional energy-saving settings result in favorable energy consumption and low operating costs. The short cycle times of the EtaPress produce higher output relative to the installed power, thanks to the clever control system with oil transfer and hydraulic separation of the pump flows to move several cylinders at the same time.

Increased uptime

The contact-free positioning system of the LINDEMANN EtaPress not only provides optimized cylinder control, but also bypasses the frequent interruptions caused by dirt or falling scrap disrupting limit or proximity switches.

Improved efficiency in a wide variety of applications

LINDEMANN EtaPress offers high efficiency and, above all, high bale density. The baler processes an extensive range of scrap, ranging from car body stamping scrap, high-strength plates, thin sheet wastes, trimmings or cuttings through to cables, wires, long turnings, and even mixed scrap, so that these materials can be recycled efficiently.

LINDEMANN

EtaPress

TECHNICAL DATA

MODEL		EtaPress 22 - 800	EtaPress 33 - 1000	EtaPress 33 - 1250	EtaPress 44 - 1250	EtaPress 44 - 1500	EtaPress 66 - 2000	EtaPress 66 - 2000S
Bales H x W (L)	mm	250 x 250 (var.)	300 x 300 (var.)	300 x 300 (var.)	400 x 400 (var.)	400 x 400 (var.)	600 x 600 (var.)	600 x 600 (var.)
Drive power	kW	1 x 55	1 x 55 1 x 90 2 x 55	1 x 55 1 x 90 2 x 55	1 x 90 2 x 55	1 x 90 2 x 90 3 x 90	3 x 90	3 x 90
Cycle time	s	25	34 - 23	38 - 26	40 - 36	46 - 28	60	69
Bales/h (95% availability)	1/h	137	101 - 149	90 - 132	86 - 95	74 - 122	57	50
Max. production capacity, Fe (bale weight)*	t/h	10 (69 kg)	13 - 19 (124 kg)	12 - 17 (124 kg)	24 - 26 (264 kg)	21 - 34 (264 kg)	47 (791 kg)	59 (1,130 kg)
Max. production capacity, Cu + Ms (bale weight)*	t/h	11 (78 kg)	15 - 22 (141 kg)	13 - 20 (141 kg)	27 - 30 (301 kg)	23 - 39 (301 kg)	54 (903 kg)	67 (1,290 kg)
Max. production capacity, Al (bale weight)*	t/h	4 (28 kg)	5 - 7 (44 kg)	4 - 6 (44 kg)	8 - 9 (94 kg)	7 - 12 (94 kg)	16 (272 kg)	20 (389 kg)
Cylinder forces 1st compactor	t	72	112	112	161	189	343	343
Cylinder forces 2nd compactor	t	91	136	161	220	252	494	494
Cylinder forces final compactor	t	136	189	189	343	343	787	1,009
Spec. pressure final compactor	N/cm ²	2,128	2,063	2,063	2,104	2,104	2,144	2,749
Press box (W x L x H)	mm	795 x 1,925 x 600	1,020 x 2,235 x 800	1,245 x 2,235 x 800	1,245 x 2,840 x 1,100	1,500 x 2,840 x 1,100	2,000 x 6,000 x 1,600	2,010 x 6,000 x 1,600
Feed opening (W x L)	mm	725 x 1,450	945 x 1,655	1,170 x 1,655	1,170 x 2,130	1,425 x 2,130	1,910 x 4,930	1,910 x 4,930
Machine dimensions (W x L x H)	mm	4,550 x 5,800 x 3,000	5,290 x 6,605 x 3,735	5,990 x 6,605 x 3,775	6,360 x 8,035 x 4,600	7,060 x 8,035 x 4,615	10,155 x 15,650 x 6,110	10,495 x 15,650 x 6,110
Machine weight	t	approx. 25	approx. 41	approx. 44	approx. 60	approx. 67	approx. 186	approx. 201

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.

MECHANICS	
Pre-tensioned tie rods	✓
Extra-long guidance for compactor I and II	✓
Horizontally sliding door in window design, generously dimensioned	✓
Blade with clearance angle	✓
Actively lubricated blade (except EtaPress 66)	✓
Actively lubricated press box bottom (except EtaPress 66)	✓
HYDRAULIC SYSTEM	
Pre-assembled hydraulics incl. bent high pressure pipes	✓
Single manifold with cartridge valves	✓
Pumps submerged in oil for low noise level	✓
5 µm bypass oil filtration and cooling	✓
Oil transfer for high energy efficiency	✓
Dynamic oil level monitoring	✓
Energy-efficient drive	✓
ELECTRICAL SYSTEM	
Pre-assembled electrics	✓
Magnetostrictive position monitoring of cylinders	✓
PLC control with touch screen control panel	✓
PLC controlled lubrication	✓
Pump test	✓
Cylinder test	✓

ACCESSORIES / OPTIONS	
Special filling hoppers for different installations	+
Bale removal chutes, also customized	+
Oil drip tray	+
Control cabin (sound- and heat-insulated) with control panel	+
Water injection system for rinsing out the feed box floor	+
Electrics and hydraulics in container, also sound-insulated	+
Weighing and dosing equipment (up to bale size 400 x 400 mm)	+
Feeding conveyors (up to bale size 400 x 400 mm)	+
Lid and pre-filling trough (bale size 600 x 600 mm)	+
Customized installation	+
Steel foundation plates	+
Tank heating	+
Increased cooling capacity for high ambient temperatures	+
Winter operation down to -40 °C	+
Radio remote control	+
Air-conditioned control cabinet	+
Mobile control panel	+
Field control panels	+
Additional control panel for customer's control stand	+
Separate lubrication system	+
External pumps	+

✓=Standard

+ =Optional