

LINDEMANN EtaPress

Setting new standards in efficiency



FEATURES

Lindemann EtaPress balers set new standards in terms of operating safety, flexibility and operation costs. They are unique with its technological concept and with its 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

Lindemann EtaPress has three-sided compaction with a hydraulic operating pressure of up to 350 bars. 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. They provide more stability and durability as well as operation safety under adverse operating conditions.

Impressive peak performance

Load monitoring and optional energy saving settings are responsible for favorable energy consumption and low operating costs. The short cycle times of the EtaPress realize a higher output compared 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 Lindemann EtaPress is not only responsible for optimized cylinder control but also bypasses the frequent interruptions caused by dirt or falling scrap disrupting limit or proximity switches.

Improved efficiency in wide variety of applications

Lindemann EtaPress offers high efficiency and, above all, high density of bales. The baler processes an extensive range of scrap, from car body stamping scrap, high-strength plates, thin sheet wastes, trimmings or cuttings through to cables, wires, long turnings or 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, Height x Width (Length)	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.)
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 (no-load)	s	25	34 - 23	38 - 26	40 - 36	46 - 28	60	69
Bales/h (95% availability)		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 (1130 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 (1290 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	1009
Spec. pressing pressure, Final compactor	N/cm²	2128	2063	2063	2104	2104	2144	2749
Press box, Width x Length x Height	mm	795 x 1925 x 600	1020 x 2235 x 800	1245 x 2235 x 800	1245 x 2840 x 1100	1500 x 2840 x 1100	2000 x 6000 x 1600	2010 x 6000 x 1600
Feed opening, Width x Length	mm	725 x 1450	945 x 1655	1170 x 1655	1170 x 2130	1425 x 2130	1910 x 4930	1910 x 4930
Machine dimensions, Width x Length x Height	mm	4550 x 5800 x 3000	5290 x 6605 x 3735	5990 x 6605 x 3775	6360 x 8035 x 4600	7060 x 8035 x 4615	10155 x 15650 x 6110	10495 x 15650 x 6110
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 are strongly dependent on the type and composition of the input material, the feeding density as well as the qualification of the operator.

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

Accessories / Options	
Special filling hoppers for different installations	0
Bale removal chutes, also customized	0
Oil (drip) tray	0
Control cabin (sound- and heat-insulated) with control panel	0
Water injection system for rinsing out the feed box floor	0
Electrics and hydraulics in container, also sound-insulated	0
Weighing and dosing equipment (up to bale size 400 x 400 mm)	0
Feeding conveyors (up to bale size 400 x 400 mm)	0
Lid and pre-filling trough (bale size 600 x 600 mm)	0
Customised installation	0
Steel foundation plates	0
Tank heating	0
Increased cooling capacity for high ambient temperatures	0
Winter operation down to -40°C	0
Radio remote control	0
Air-conditioned control cabinet	0
Mobile control panel	0
Field control panels	0
Additional control panel for customer's control stand	0
Separate lubrication system	0
External pumps	0

X=Standard

0=Optional