

CHANNEL BALING PRESSES

Machine programme.



MACHINE FINDER

Typical work sites	Material	Tonnes per year* (cardboard 35 kg/m³)	Bale size 1,100 x 750	Bale size 1,100 x 1,100
Small disposal companies with low throughput Packaging industry	Mainly paper, cardboard, foil, production cuts	8,500	EP 60 EP 60 H H	
Small to medium-sized disposal companies Small sorting plants	Mainly paper, cardboard, foil, hard plastics, PET, artificial mineral fibre, RDF (partly options necessary)	8,500	EP Mobil 60 V EP 60	
Small to medium-sized disposal companies Small sorting plants Small commercial sorting plants	Paper, cardboard, foil, hard plastics, PET, artificial mineral fibre, RDF, polystyrene, buckets, canisters, cut open IBCs, PVC roller shutters (partly options necessary: cross tying)	12,500	EP 80	
Medium to large disposal companies Commercial waste sorting plants Light packaging sorting plants Paper sorting plants Paper manufacturer - Multi-shift operation	Wide range of materials, e.g. car tyres, other rubber fractions, thin-walled PE/PP pipes, cardboard tubes (winding tubes) (partly options necessary: cross tying, swirling device)	12,500 25,000	EP 80	HP-B 120
Large disposal companies Commercial waste sorting plants Light packaging sorting plants Paper sorting plants Paper manufacturer - Multi-shift operation - Overseas container loading	Wide range of materials, e.g. car tires, other rubber fractions, thin-walled PE/PP pipes, cardboard cores (winding cores), WEEE plastics (partly options necessary: cross tying)	30,000 42,000 50.000		HP-B 150 HP-B 180 HP-B 210

*All data in single-shift operation, with maximum availability of the plant.

TECHNICAL DATA

	EP Mobil 60 V	EP 60	EP 80	HP-G 100/120	HP-B 120/150	HP-B 180/210
Tying	V5	H4, HH5, V5	H4, HH5, V5	VG6	H4, H5, V5	H4, H5, V5
Press force [t] *	60	60	80	100/120	120/150	180/210
Drive output [kW]	22/30/45/ 2 x 22	22-2 x 45	22-2 x 45	45-2 x 75	45-2 x 75	45-3 x 75

Bale dimensions and weight

Bale dimensions [mm]	1,100 x 750	1,100 x 750	1,100 x 750	1,100 x 750	1,100 x 1,100	1,100 x 1,100
Bale weight** [kg]	400–550	400–500	500–700	250–700	750–1,200/ 1,100–1,700	1,100–1,800/ 1,100–1,900

Machine dimensions and weight

Filling chute cross-section [mm]	1,000 x 1,450	1,000 x 1,600	1,000 x 1,800	1,000 x 2,000	1,000 x 2,000	1,000 x 2,000
Channel cross-section [mm]	750 x 1,100	750 x 1,100	750 x 1,100	750 x 1,100	1,100 x 1,100	1,100 x 1,100
Length [mm]	6,395	9,801	10,014	12,070	14,383	15,483
Height [mm]	3,350	3,906	5,098	3,075	5,098	5,098
Total weight [t]	12	18.5	19.5	33.5	approx. 47/ approx. 58	approx. 58/ approx. 61

*Increase of the pressing power is available as an option **Dependent on bulk density
Other presses on request, e.g. scrap presses, 2-ram balers etc.

EUROPRESS CHANNEL BALING PRESSES

WITH CHAIN BELT CONVEYOR



Rigid plastics



Tinplate cans



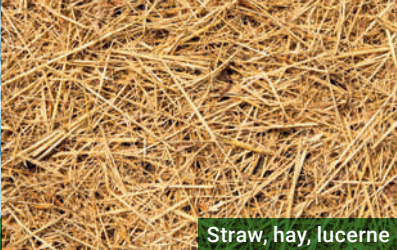
Paper and board



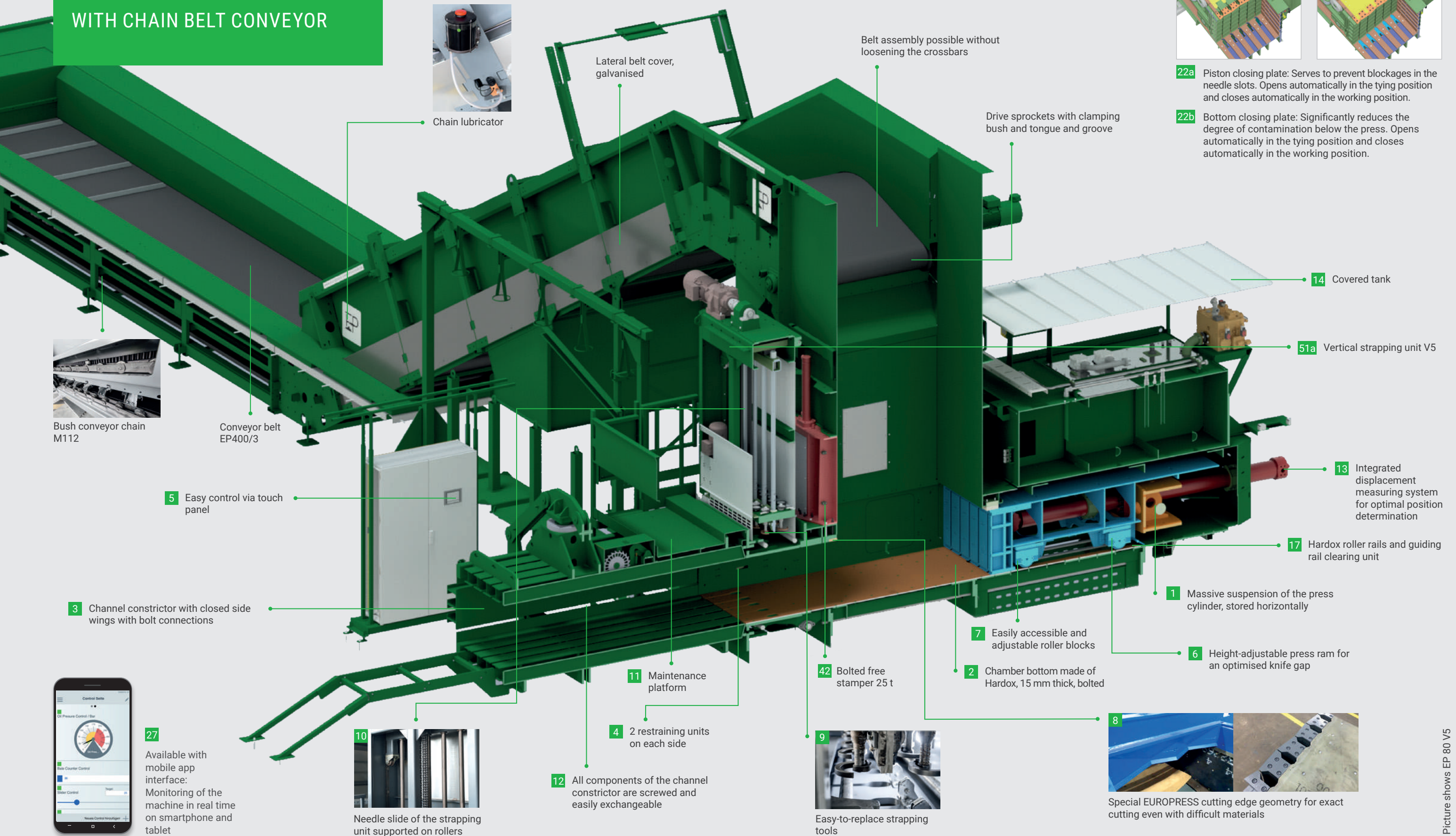
Artificial mineral fibres



Plastics



Straw, hay, lucerne

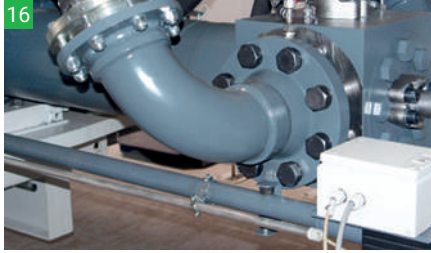


FEATURES

Features		EP Mobil V 60	EP 60	EP 80	HP-G 120	HP-B 120/150	HP-B 180/210
1	Solid press cylinder suspension, horizontally mounted, with Mangachoc bearings at the cylinder eye	●	●	●	●	●	●
2	Chamber bottom made of Hardox, 15mm thick, bolted	●	●	●	●	●	●
3	Channel reducer with closed side swings with bolt connections	●	●	●	●	●	●
4	2 Rentention pins on each side	●	●	●	●	●	●
5	Easy control via touch panel	●	●	●	●	●	●
6	Height-adjustable compaction ram for an optimised knife gap	●	●	●	●	●	●
7	Easily accessible and adjustable roller blocks	●	●	●	●	●	●
8	Special EUROPRESS cutting edge geometry for exact cutting even with difficult materials	●	●	●	●	●	●
9	Tying with easily exchangeable twister hooks	●	●	●	●	●	●
10	Needle slide of the tying on rollers mounted and adjustable	●	●	●	●	●	●
11	Maintenance platform	●	●	●	●	●	●
12	All channel reducer components in screwed and easily exchangeable design	●	●	●	●	●	●
13	Integrated distance measuring system for optimum position detection	●	●	●	●	●	●
14	Covered tank	●	●	●	●	●	●
16	Fast-moving cylinder		●	●	●	●	●
17	Hardox roller rails and rail scrapers	●	●	●	●	●	●
18	Hardox side planking, bolted	●	●	●	●	●	●
19	Auxiliary drive for faster, more efficient cycle times		●	●	●	●	●
20	Maintenance platform at the hopper with ladder for ascent	●	●	●	●	●	●
21	Fully cardanic bearing of the press cylinder, absolute avoidance of transverse loads	●	●	●	●	●	●
22a	Piston slider for trouble-free tying process with the most difficult materials	●	●	●	●	●	●
22b	Bottom closing plate for trouble-free tying process with the most difficult materials	●	●	●	●	●	●
23	Lateral closing plate (only for horizontal tying)		●	●	●	●	●
24	Main ram also guided in rolls at the top				●	●	●
25	Key transfer system	●	●	●	●	●	●
26	Remote maintenance	●	●	●	●	●	●
27	Mobile app interface	●	●	●	●	●	●
Accessories							
40	Lateral pre-pressing flaps		●	●		●	●
41	Closing plate above the hopper	●	●	●	●	●	●
42	Cutting edges free stamper 25 t in screwed design	●	●	●	●	●	●
43	Swirling device	●	●	●	●	●	●
44	Perforator	●	●	●	●	●	●
45	Special equipment for artificial mineral fibres	●	●	●	●	●	●
Tying							
50a	String tying H5					●	●
50b	String tying V6				●		
51a	Vertical tying V5	●	●	●		●	●
51b	Horizontal tying H4		●	●			
51c	Horizontal tying H5					●	●

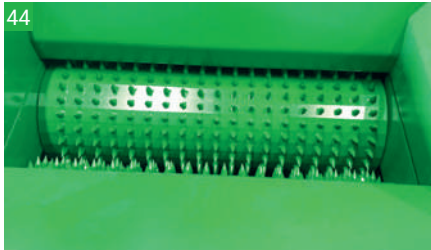
● Standard fittings ● Optional

USEFUL OPTIONS



Fast-running cylinder

Our fast running cylinder increases the baler performance, while saving energy at the same time.



Perforator

Two drums rotating in opposite directions perforate PET bottles and squeeze them together. The perforators can be moved in and out either sideways or to the rear. This makes it possible to switch the perforator on or off at any time via the control system.



Swirling device

The swirling device is used to loosen up compact materials with a high specific weight, e.g. books, catalogues, etc. A rotating propeller ensures an even distribution within the press chamber and thus an even structure. Our swirling devices can be retracted and extended to the side or to the rear.



Lateral pre-pressing flaps

The side-mounted pre-pressing flaps ensure that no material jams. It presses the material below the cutting edge to relieve it. It is possible at any time to deactivate them via the control to continue working with the conventional cutting edge.



Bale wrapper

A fully automatic bale wrapping unit ensures almost trouble-free continuous operation. The bale wrapper is equipped with a discharge belt which conveys the material, which falls down in small quantities during the wrapping process, into big bags. After wrapping, the bale is automatically transported to a buffer belt, which serves as an intermediate storage area.



String-tying system

The string tying significantly reduces the operating costs of a channel baler, because the purchase price of the string is far below that of the wire. This saves around €2.00-2.50 per bale. Since a reel of string weighs only about a quarter of the weight of a 40 kilogram wire reel, handling is also noticeably simplified. String tying is essential in agriculture because it prevents wire residues from being left behind and getting into the feed. It is also possible to burn the bales without first opening them.

Technical data subject to change without notice | November 2019