



The new E-series

KONTI

PAAL®

PAALGROUP 

KONTI

Powerful, Durable and Economical.

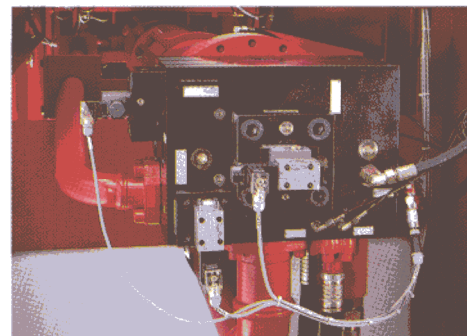
The KONTI E-series is the perfect fully automatic baler for demanding, economic continuous operation.

PAAL has designed, constructed and installed baling presses for the last 100 years. The KONTI is one of our highly powerful and efficient baling presses and is renowned throughout Europe. We have been producing this machine for over 25 years and its durability is evidenced by the fact that many of our early models are still operating efficiently today.

Working in partnership with our customers, we are constantly developing our products, the new KONTI E-series offers easy operation, economy and quality, whilst never compromising on safety.



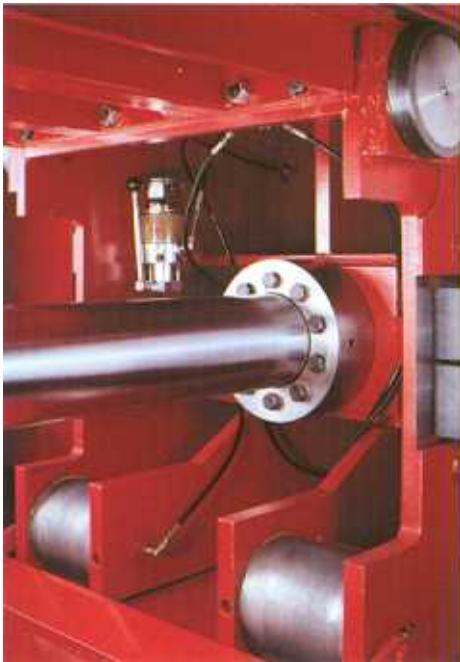
The compact hydraulic system has low-noise drives, an automatic pump-demand control as well as minimal hydraulic piping. This guarantees low energy and maintenance costs.



PAAL developed and patented the hydrological block. Mounted directly onto the hydraulic cylinder, this helps to minimise heat generation and energy losses.



The fully automatic tying system has an integrated cutting device, making it highly efficient and reliable even during heavy-duty operation. Short wire end ties ensure that the minimum of wire is used and make the KONTI E-series even more cost effective.



High class the new KONTI E-series



Eight large rollers and very wide lateral guides ensure minimal wear and precision guidance for the pressing

The new cutting system incorporates an increased cutting angle and radial relief combined with a large clearance space above the fixed knife. This allows material to flow freely and ensures that the bales are produced with a smooth upper surface, thus enabling them to be stored safely to the maximum permitted height.

The stamper operates over the whole feeding width removing any possibility of material jamming when pressing difficult materials.

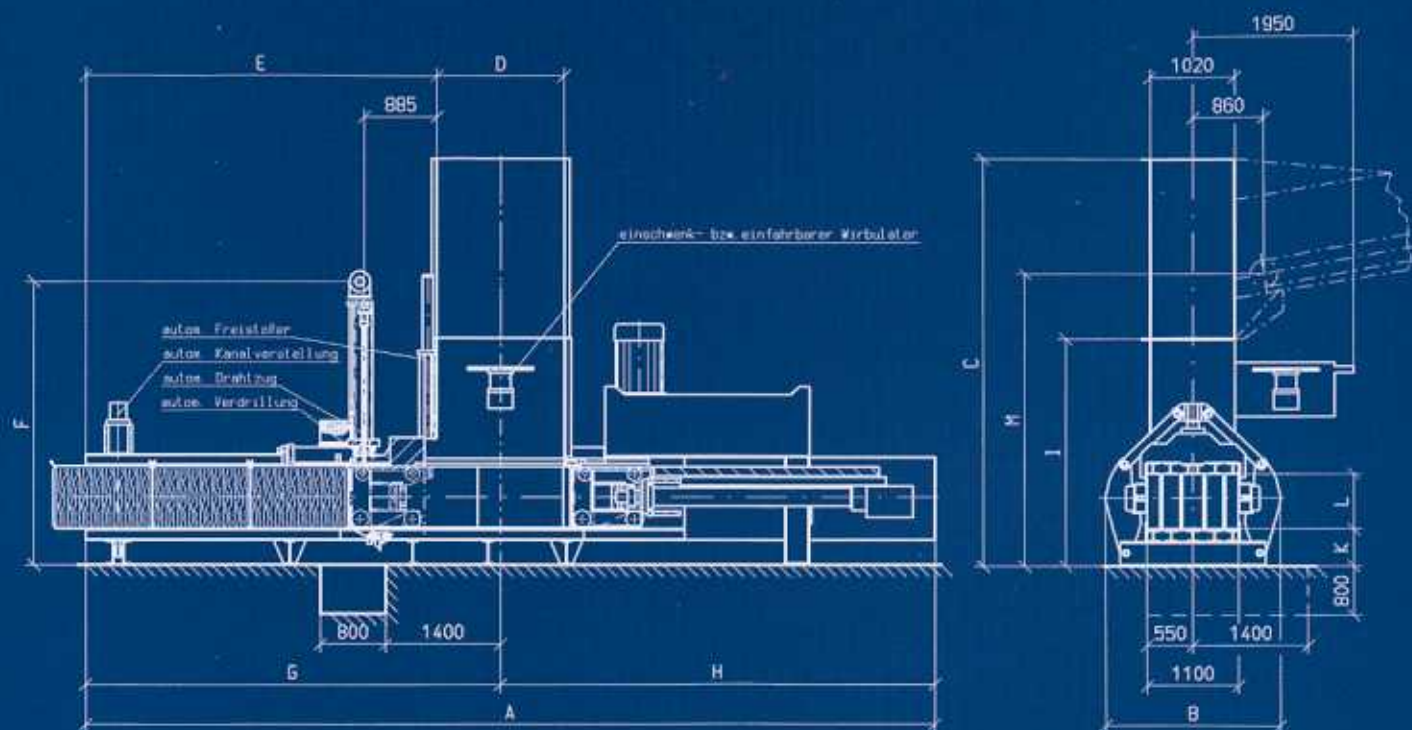
The automatic pressure sensitive channel adjustment ensures a constant pressing force is applied. This results in high quality compact bales which are normally only possible with machines of a much higher pressing force.

The ability to pre position the pressing ram, together with the longer final pressing stroke, produces a high quality compacted bale.

The open rotating ruffler disk has an externally located, robust drive mechanism, with a two-way motorised swivel action. With the larger in-feed hoppers the option of the ruffler disc entering the press from the side or from the rear can be offered as required. Furthermore, the adjustable hopper openings are automatically positioned, eliminating the need for operator intervention.

The large lateral press chamber doors facilitate easy access for maintenance and replacement of wear parts. When grades of paper are changed, cross contamination can be avoided.





Technical data and measurements

Dimension in mm	KONTI	A	B	C	D	E	F	G	H	I	K	L	M
	200 E	10 123	2 152	4 820	1 400	3 800	3 675	4 500	5 623	2 720	375	750	3 600
	275 E	11 152	2 152	5 300	1 550	4 295	3 775	5 070	6 082	2 800	455	750	3 600
	325 E	12 352	2 340	5 300	1 750	5 290	3 775	6 165	6 187	2 800	455	750	3 600
	425 E	14 531	2 500	5 565	2 000	6 520	3 835	7 520	7 011	3 215	535	750	4 200
	600 E	14 365	2 600	5 990	2 000	6 520	4 350	7 520	6 845	3 640	630	1 080	4 500
	700 E	14 365	2 600	5 990	2 000	6 520	4 350	7 520	6 845	3 640	630	1 080	4 500

KONTI

200 E

275 E

325 E

425 E

600 E

700 E

Force of pressure at max. 300 bar

t

60

75

94

115

145

170

Channel cross-section

cm

75 x 110

75 x 110

75 x 110

75 x 110

108 x 110

108 x 110

Feed opening

cm

102 x 140

102 x 155

102 x 175

102 x 200

102 x 200

102 x 200

Feed volume

max. m³

1,85

2,0

2,15

2,4

3,45

3,45

Driving Power

kW

30

45

75

45

75

75

2 x 45

2 x 45

2 x 75

2 x 45

2 x 75

2 x 45

2 x 75

3 x 45

3 x 75

Press output at approx. 265 bar

operating pressure volume:

• at neutral gear

max. m³/h

370

650

800

570

750

660

825

750

900

900

1070

950

1360

• under operating conditions

max. m³/h

150

280

350

280

350

340

400

375

450

430

510

460

650

Press capacity (weight) in relation to bulk weight of:

• 35 kg/m³

ca. t/h

5

9,5

12

9,5

12

11,5

14

13

15,5

15

17,5

16

22,5

• 60 kg/m³

ca. t/h

9

16,5

21

16,5

21

20

24

22,5

27

25,5

30

27,5

38

• 100 kg/m³

ca. t/h

14

26

33

26

33

32

38

35

40

39

47

41

58

Bale weight depending on pressed material and bale length

ca. kg

450 – 650

500 – 750

525 – 800

550 – 850

800 – 1250

850 – 1300

Press weight according to equipment up to

ca. t

20

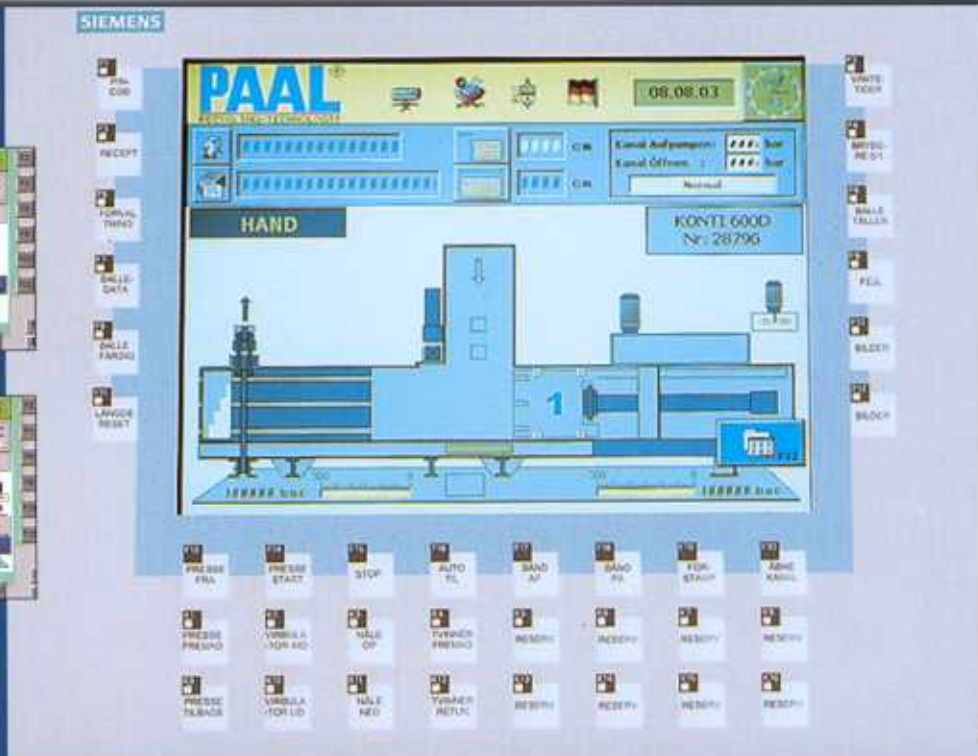
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42

44



With the integrated modem we are able to contact the machine plc and thus when "online" react to and rectify malfunctions.

Baler Information & Control System

The Baler Information and Control System (BICS) enables us to monitor your machine. BICS is able to provide valuable data for your production and maintenance control.

The graphical display shows the bale counter function, hydraulic pressures, recording of waiting times and segregation of none production times, on screen. It allows the operator to discover more about particular operating conditions by questioning the multi-function panel.

The remote service system (RSS) allows our engineers to check the condition of your machine when required, so that any faults or malfunctions can be immediately diagnosed. It is possible, for example, to alter the operating pressures remotely to optimise the machine's pressing force. In addition, the RSS also allows us to detect faulty components and despatch a replacement straight away, this will ensure that you have the maximum output from your machine.





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