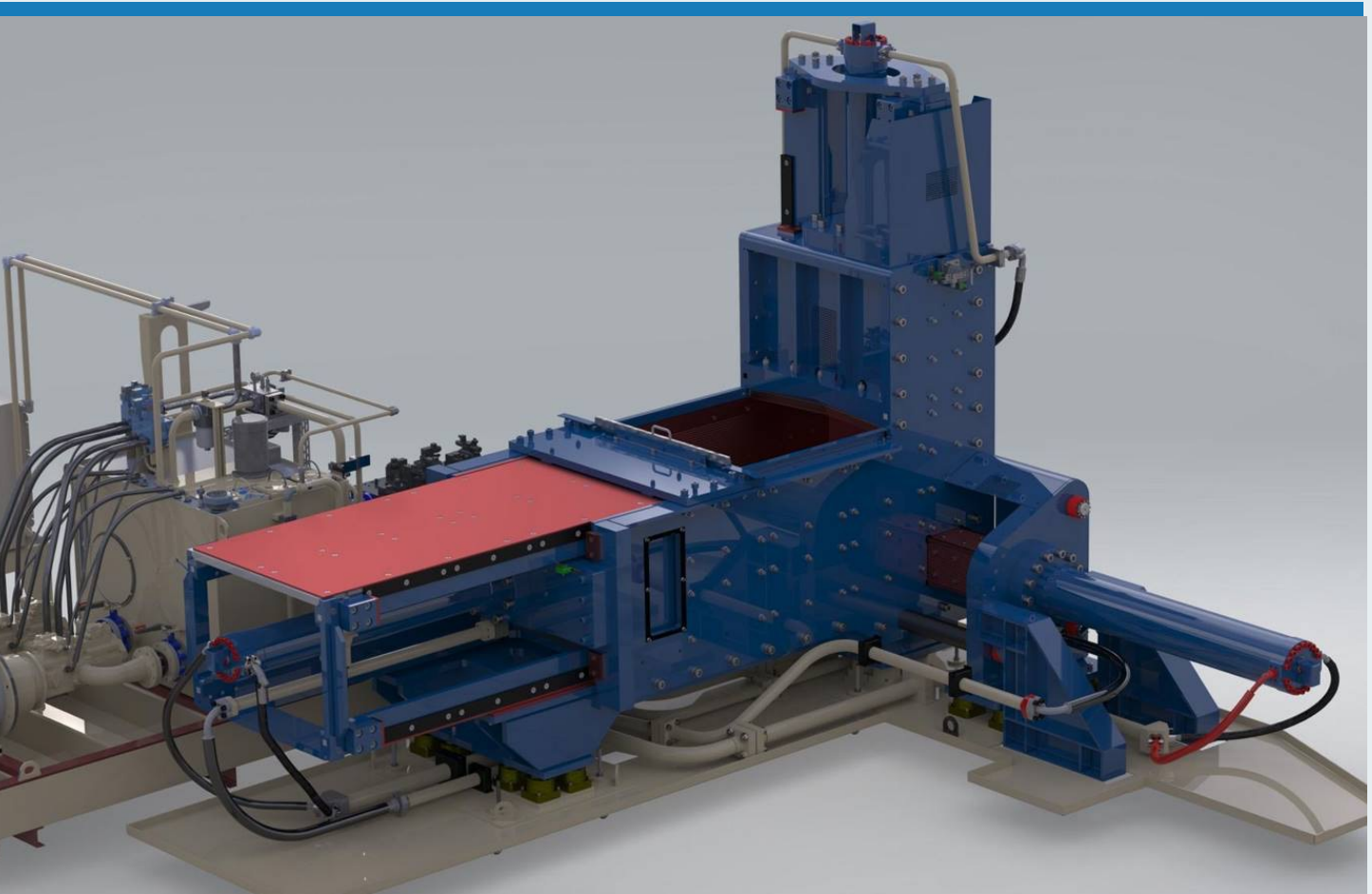


Recycling solutions and more...



Robust and reliable scrap processing machinery.

3-Compression Scrap Baling Presses

High pressing forces for stable bales –
also for difficult material



OBERLÄNDER RECYCLING MASCHINEN

made
in
Germany

Reliable for every requirement

Clean bales for an easy handling



1

To reduce the volume and for faster re-melting in furnaces, clean production scrap is pressed into dense bales. For larger quantities and bulky scrap, baling is carried out in 3-compression presses. Compared to simpler 2-compression presses, a vertical compressor is added, which allows a higher press box and therefore a larger filling volume. Based on the knowledge of the feed materials, quantities and subsequent use of the bales, Oberländer can evaluate the most appropriate scrap baling press in terms of pressing force, size and baling performance.



2

The Oberländer baling presses are characterized by precise compactor guidance, which prevent fine material from jamming and high pressing forces that compress bales in such a way that even after intense handling the bale does not fall apart again. Through the use of a pre-compactor equipped with shear blades is also ensured that large volume feed material, which is protruding the press box are cut off cleanly.



3

Modern hydraulic and electrical control system allow short cycle times and production data collection. The presses, can be designed by left or right side bale discharge and individual arrangement of the hydraulic unit based on customer requirements. Additional equipment such as oil collecting trays, special feed bins, bale conveyor systems, bale stacking systems, scrap weighing and soundproof enclosures expand the range of options.



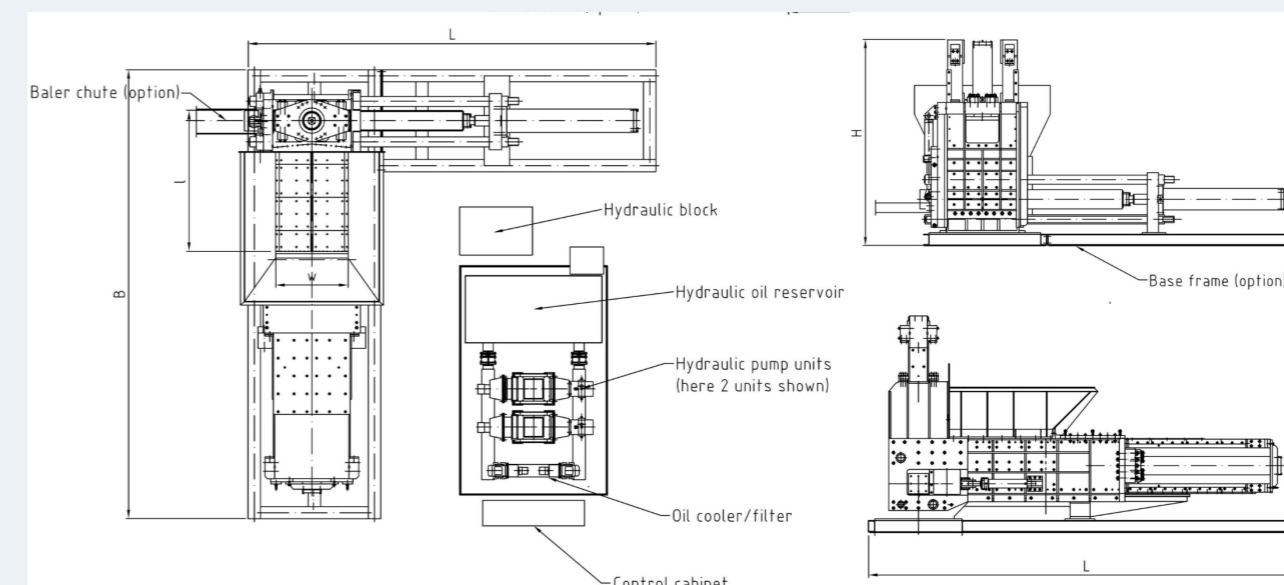
4

- 1 bale discharge with door
- 2 view on the pre-compactor
- 3 view into the open press box with bale
- 4 typical arrangement of a P3 HV press

Technical data

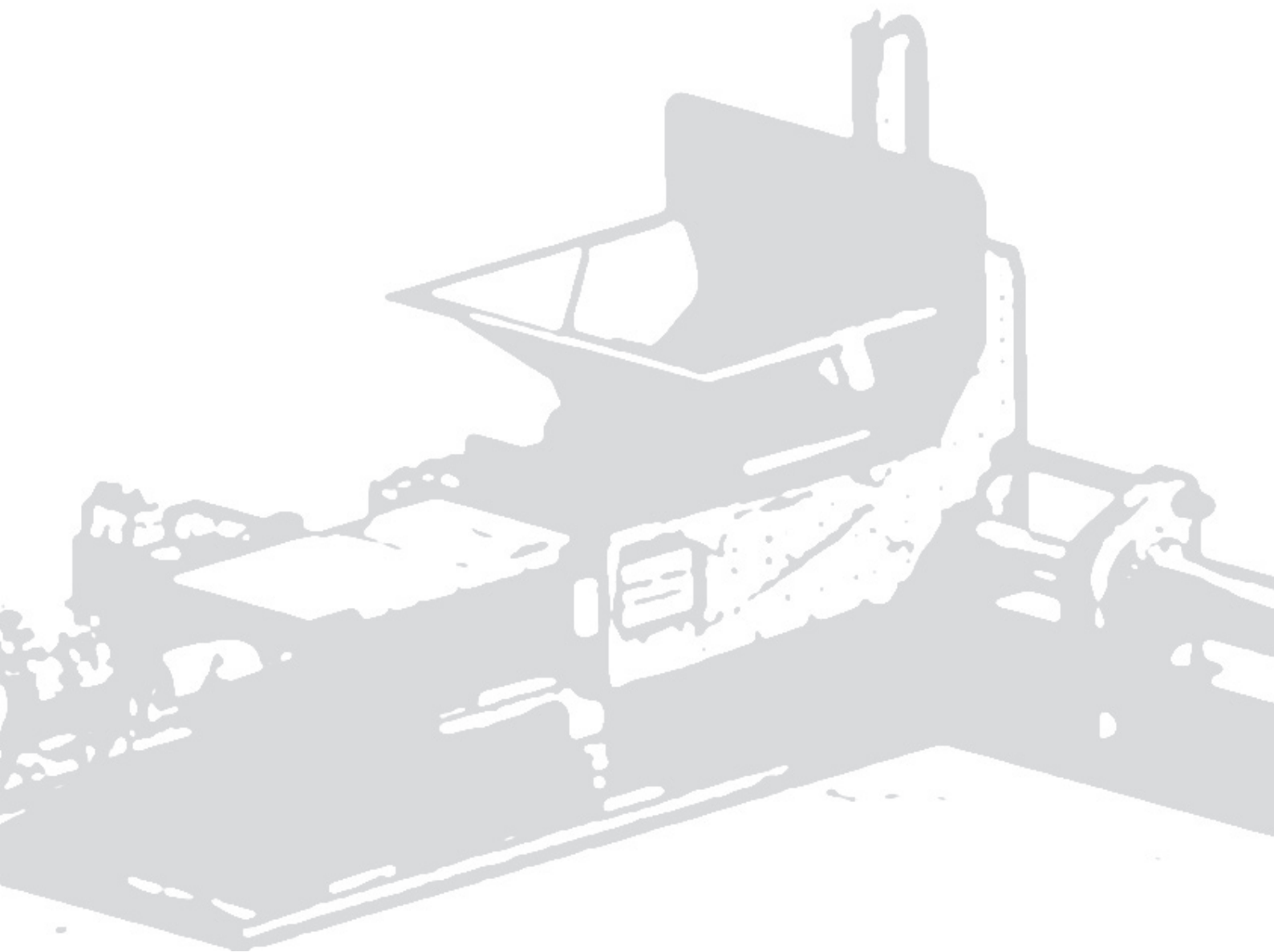
3-compression Presses (horizontal-vertical)	P3-HV 1600/1000 3 x 3	P3-HV 1900/1250 3 x 3	P3-HV 2500/1250 4 x 4	P3-HV 2750/1450 4 x 4	P3-HV 3000/2000 6 x 6
Press box size in mm Length l: Width w:	1.600 × 1.050	1.900 × 1.250	2.500 × 1.250	2.750 × 1.450	4.100 × 2.100
Press box depth in mm:	800	800	1.000	1.000	1.200
Loading height in mm	2.600	2.600	3.100	3.100	4.300
Loading opening in mm Length L2 x Width D:	1.200 × 1.000	1.250 × 1.200	1.900 × 1.220	1.930 × 1.420	3.000 × 2.000
Outer machine dimensions in m Length L: Width B: Height H:	6,0 5,8 3,8	7,5 6,4 3,8	7,8 7,5 4,5	8,8 8,0 4,5	12,0 7,2 4,3
Bale sizes in mm**:	300 × 300 × Y	300 × 300 × Y	400 × 400 × Y	400 × 400 × Y	600 × 600 × Y
Bales per hour	80	100	90	90	70
Bale production* t per hour, approx.	5 - 9	8 - 11	14 - 20	18 - 24	44 - 52
Pressing forces in kN Pre-compactor P1 Intermediate compactor P2 End-compactor P3	1.500 1.500 1.800	1.500 1.500 1.800	2.200 2.200 3.200	2.200 2.200 3.200	4.000 4.000 5.880
Spec. pressing force P3 in kN/cm ²	2,00	2,00	2,00	2,00	1,6
Main drive power in kW	2x 45	2x 55	2x 75	2x 90	3x 90

* referred to Fe-scrap and continuous feeding ** L depends on feed material charge



Installation sketch packaging presses with horizontal and vertical compression (3-fold compressions) of type P3-HV

Recycling solutions and more...



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