



Avermann

Horizontal baler TYPE AVOS 1410 BRH The long-distance runner

Count on maximum stability when pressing waste and recyclables in continuous operation!

The horizontal baler type AVOS 1410 BRH with 22 kW drive capacity and 500 kN press force is the optimal machine where continuous performance in long-term operation is required, for example in central warehouses and dispatch warehouses working in three shifts. The press is equipped with a hydraulically controlled binding unit and a press ram with hardened steel rollers on HARDOX guide rails.

In addition, heating and cooling elements for the hydraulic oil permit continuous use of the baler, even in extreme temperature ranges. The press ram is driven by means of an energy-saving, performance-controlled axial piston pump. For higher requirements in terms of throughput rate, there is the machine type AVOS 1410 BRHF with a more powerful hydraulic system.

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Horizontal baler TYPE AVOS 1410 BRHF-22/50

Horizontal baler TYPE AVOS 1410 BRH Technical data

Options

You specify the details – for an optimal setup:

- › Touch screen display
- › Feeding conveyor for continuous filling
- › Large field display to specify the length of the bale
- › Monitoring of wire breakage and wire end to control the binding wires
- › 400 kg wire coil holders
- › Other options available on request

Standard RAL colours:

- ◆ RAL 1003
- ◆ RAL 2000
- ◆ RAL 3001
- ◆ RAL 3020
- ◆ RAL 5005
- ◆ RAL 5007
- ◆ RAL 5010
- ◆ RAL 5015
- ◆ RAL 5017
- ◆ RAL 6002
- ◆ RAL 6018
- ◆ RAL 6024
- ◆ RAL 7016
- ◆ RAL 7032
- ◆ RAL 7038
- ◆ RAL 9002

Other RAL colours available on request at a surcharge.

Your benefits:

- › **Robust:** Press ram guided on hardened steel rollers
- › **Safe:** Vertical 4-fold binding
- › **Flexible:** Individual equipment options
- › **Reliable:** Proven technology from more than 40 years of experience



Monitoring of wire breakage and wire end to control the binding wires



Fully-automated pressing and wrapping system

Overview of technology

	AVOS 1410 BRH-22/50	AVOS 1410 BRHF-22/50
Machine length	8,610 mm	8,610 mm
Machine width	2,300 mm	2,300 mm
Machine height	3,200 mm	3,200 mm
Feeding hopper cross section	1,400 x 1,000 mm	1,400 x 1,000 mm
Dead weight approx.	16,000 kg	17,000 kg
Bale size (W x H)	1,100 x 700 mm	1,100 x 700 mm
Bale weight* up to	500 kg	500 kg
Channel adjustment	3-sided, automatic	3-sided, automatic
Tank volume	500 l	1,000 l
Cycle time (empty)	20 s	13 s
Idle speed capacity (theoretical)	180 m³/h	275 m³/h
Throughput** 35 kg/m ³ (cardboard)	3.8 t/h	5.7 t/h
Throughput** 60 kg/m ³ (cardboard, paper)	5.1 t/h	7.8 t/h
Throughput** 100 kg/m ³ (newspapers)	6.5 t/h	9.9 t/h
Specific press force	64.9 N/cm²	64.9 N/cm²
Drive capacity	22 kW	22 kW
Press force	500 kN	500 kN

**depending on bale length and material, **relating to bulk weight*

Valid for all machines:

Adjustable bale length; binding: 4-fold vertical;
Electrical connection: 3 x 400 V, N, PE/50 Hz; Fuse protection on site: 63 A