



Avermann

Horizontal baler TYPE AVOS 1410 B Sophisticated technology for continuous use

Efficiency is a key issue in waste management, especially with large amounts of waste and recyclables.

The horizontal baler type AVOS 1410 B is well known in the market for its high quality and long lifetime. Unique features of the press are: large feeding chute, proven binding technology and enormous press force. An integrated heating and cooling system for the hydraulic oil ensures trouble-free, uninterrupted operation even at extreme temperatures. The electro-hydraulic drive with a power of up to 45 kW is also designed for high throughput rates – ideal conditions for entering the waste management industry.

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Horizontal baler TYPE AVOS 1410 B-37/70

Horizontal baler TYPE AVOS 1410 B Technical data

Options

You specify the details – for an optimal setup:

- › Avermann special press ram to compact "difficult" materials
- › Feeding conveyor for continuous filling
- › Monitoring of wire breakage and wire end to control the binding wires
- › Binding with plastic wire
- › Press ram guided on plastic rails or steel rollers

Your benefits:

- › **Temperature resistance:** Separate heating, cooling and filtration circuit for hydraulic oil
- › **Versatile:** various drive options to meet individual requirements
- › **Reliable:** Proven technology from more than 40 years of experience

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.*



Touchscreen display with individual settings for pressing different materials



Delivery of an AVOS 1410 B baler

Overview of technology

	AVOS 1410 B-22/50	AVOS 1410 B-30/60	AVOS 1410 B-37/70	AVOS 1410 B-45/80
Machine length	8,610 mm	8,610 mm	8,610 mm	8,610 mm
Machine width	2,400 mm	2,400 mm	2,400 mm	2,400 mm
Machine height	3,770 mm	3,770 mm	3,770 mm	3,770 mm
Feeding hopper cross section	1,400 mm x 1,000 mm	1,400 mm x 1,000 mm	1,400 mm x 1,000 mm	1,400 mm x 1,000 mm
Dead weight approx.	17,000 kg	17,000 kg	17,500 kg	17,500 kg
Bale size (W x H)	1,100 x 750 mm	1,100 x 750 mm	1,100 x 750 mm	1,100 x 750 mm
Bale weight* up to	500 kg	530 kg	550 kg	600 kg
Channel adjustment	Three sides, automatic	Three sides, automatic	Three sides, automatic	Three sides, automatic
Cycle time (empty)	13.3 s	12 s	12 s	16 s
Idle speed capacity (theoretical)	266 m ³ /h	304 m ³ /h	304 m ³ /h	227 m ³ /h
Throughput** 35 kg/m ³ (cardboard)	5.7 t/h	6.3 t/h	6.3 t/h	6.0 t/h
Throughput** 60 kg/m ³ (cardboard, paper)	7.8 t/h	8.0 t/h	10.9 t/h	10.5 t/h
Throughput** 100 kg/m ³ (newspapers)	9.9 t/h	14.0 t/h	18.2 t/h	17.5 t/h
Specific press force	64.9 N/cm ²	77.9 N/cm ²	90.9 N/cm ²	103.9 N/cm ²
Drive capacity	22 kW	30 kW	37 kW	45 kW
Press force	500 kN	600 kN	700 kN	800 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 400V, N, PE/50 Hz