



Avermann

Horizontal baler TYPE AVOS 1810 B5 Powerful and economic for big challenges

The horizontal baler type AVOS 1810 B5 is the right choice for compacting large waste amounts.

The press ram is guided either on plastic rails or steel rollers. When pressing fine grain or highly expansive materials the press can be equipped with a cross binding system. In combination with the optimized cutting system "OptiCut" and the use of one or two most energy-efficient, high-performance hydraulic pumps, this baler offers an impressive spectrum for applications with maximum throughputs. Furthermore, the sophisticated key transfer system (optional) guarantees the highest level of operation safety.

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Horizontal baler TYPE AVOS 1810 B5 Technical data

Options

You specify the details – for an optimal setup:

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

Your benefits:

- › **Convenient handling:** Extremely large feeding hopper
- › **Powerful:** Suitable to compact very large amounts of waste and recyclable materials
- › **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.*

Overview of technology

	AVOS 1810 B5-55/80	AVOS 1810 B5-90/80	AVOS 1810 B5-90/100	AVOS 1810 B5-110/100
Machine length	11,200 mm	11,200 mm	11,200 mm	11,200 mm
Machine width	2,400 mm	2,400 mm	2,400 mm	2,400 mm
Machine height	3,900 mm	3,900 mm	3,900 mm	3,900 mm
Feeding hopper cross section	1,800 mm x 1,000 mm	1,800 mm x 1,000 mm	1,800 mm x 1,000 mm	1,800 mm x 1,000 mm
Dead weight approx.	26,000 kg	27,000 kg	28,000 kg	28,000 kg
Bale size (WxH)	1,100 x 750 mm	1,100 x 750 mm	1,100 x 750 mm	1,100 x 750 mm
Bale weight* up-to	650 kg	650 kg	700 kg	700 kg
Channel adjustment	Three sides, automatic	Three sides, automatic	Three sides, automatic	Three sides, automatic
Cycle time	20.4 s	10.2 s	12.5 s	12.5 s
Idle speed capacity (theoretical)	238 m ³ /h	476 m ³ /h	388 m ³ /h	388 m ³ /h
Throughput** 35 kg/m ³ (cardboard)	5.0 t/h	12.5 t/h	12.1 t/h	12.5 t/h
Throughput** 60 kg/m ³ (cardboard, paper)	8.5 t/h	20.0 t/h	16.0 t/h	17.5 t/h
Throughput** 100 kg/m ³ (newspaper)	14.2 t/h	28.5 t/h	23.2 t/h	26.2 t/h
Specific press force	97.0 N/cm ²	97.0 N/cm ²	121.2 N/cm ²	121.2 N/cm ²
Drive power	55 kW	2 x 45 kW	2 x 45 kW	2 x 55 kW
Press force	800 kN	800 kN	1,000 kN	1,000 kN

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



Installation of AVOS 1810 B5-90/100



Press ram for cross binding

Valid for all machines:

Adjustable bale length; binding: 5-fold vertical; optional cross binding: 5-fold vertical, 3-fold horizontal; Electrical connection: 3 x 400V, N, PE/50 Hz