



# Avermann

## Horizontal baler TYPE AVOS 1410 B5 Flexibility and throughput for individual applications

Horizontal baler type AVOS 1410 B5 is particularly suitable for the optimal compaction of expansive materials and common recyclables. It impresses with enormous versatility and numerous product options. The press ram is guided either on plastic rails or steel rollers. It is powered by one or two energy-saving, high-performance hydraulic pumps. When using the optimized cutting system "OptiCut", the throughput can be increased by another 50 percent. This allows a flexible use of the machine, depending on the application and the customer's need. The 5-fold binding guarantees dimensionally stable bales – even with expansive materials.

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# Horizontal baler TYPE AVOS 1410 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
- › Press ram guided on plastic rails or steel rollers
- › Cross binding
- › Monitoring of wire breakage and wire end to control the binding wires

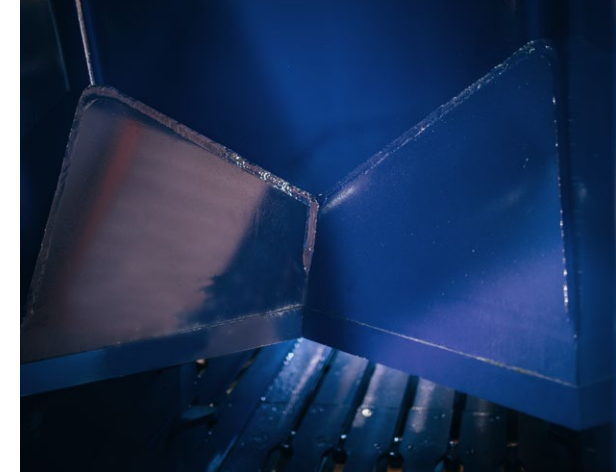
### Your benefits:

- › **Precise:** Dimensionally stable bales thanks to 5-fold vertical binding (using steel or plastic wires)
- › **Reliable:** Low risk of failure thanks to two separate drive units
- › **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.*



5-fold binding



OptiCut for better performance

### Overview of technology

	AVOS 1410 B5-37/70	AVOS 1410 B5-45/80	AVOS 1410 B5-60/80	AVOS 1410 B5-90/100
Machine length	10,160 mm	10,160 mm	10,160 mm	10,160 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	1,400 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.	23,000 kg	24,000 kg	25,000 kg	26,000 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	550 kg	650 kg	650 kg	700 kg
Channel adjustment	Three sides, automatic	Three sides, automatic	Three sides, automatic	Three sides, automatic
Cycle time (empty)	16.7 s	16.7 s	8.4 s	10.3 s
Idle speed capacity (theoretical)	226 m <sup>3</sup> /h	226 m <sup>3</sup> /h	452 m <sup>3</sup> /h	368 m <sup>3</sup> /h
Throughput** 35 kg/m <sup>3</sup> (cardboard)	6.5 t/h	7.0 t/h	9.4 t/h	9.4 t/h
Throughput** 60 kg/m <sup>3</sup> (cardboard, paper)	8.1 t/h	8.5 t/h	13.2 t/h	16.2 t/h
Throughput** 100 kg/m <sup>3</sup> (newspapers)	15.5 t/h	16.0 t/h	22.0 t/h	24.0 t/h
Specific press force	84.8 N/cm <sup>2</sup>	97.0 N/cm <sup>2</sup>	97.0 N/cm <sup>2</sup>	121.2 N/cm <sup>2</sup>
<b>Drive capacity</b>	<b>37 kW</b>	<b>45 kW</b>	<b>2 x 30 kW</b>	<b>2 x 45 kW</b>
<b>Press force</b>	<b>700 kN</b>	<b>800 kN</b>	<b>800 kN</b>	<b>1,000 kN</b>

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

### Valid for all machines:

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