



Horizontal auto-tie 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 on 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 auto-tie baler TYPE AVOS 1810 B5-90/100

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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 with more than 40 years of experience
- › **Assurance:** Industry leading warranty



Installation of AVOS 1810 B5-90/100



Press ram for cross binding

Overview of technology

	AVOS 1810 B5-90/80
Machine length	441 inches (36'9")
Machine width	95 inches (7'11")
Machine height	154 inches (12'10")
Feed opening	71 inches x 39 inches
Dead weight approx.	59,525 lbs.
Bale size (WxH)	43 inches x 30 inches
Bale weight* up-to	1,430 lbs
Channel adjustment	Three sides, automatic
Cycle time	10.2 s
Idle speed capacity (theoretical)	623 cubic yds/hr
Throughput** 101 lbs/cubic yd (cardboard)	13.8 t/h
Throughput** 173 lbs/cubic yd (cardboard, paper)	22.0 t/h
Throughput** 288 lbs/cubic yd (newspaper)	31.4 t/h
Specific press force	141 psi ²
Motor size	2 x 60 hp
Press force	179,847 lbs

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

Adjustable bale length; binding: 5-fold vertical;
optional cross binding: 5-fold vertical, 3-fold horizontal;
Electrical connection: 460 volt 3 phase, 60 Hz