



## 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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## 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	10.2s
Throughput @ 288 lbs/cubic yd, up to	31.4 t/h
Throughput @ 288 lbs/cubic yd, with OptiCut, up to	44 t/h
Specific press force	141 psi <sup>2</sup>
<b>Motor size</b>	<b>2 x 60 hp</b>
<b>Press force</b>	<b>179,847 lbs</b>

\* depending on bale length and material

Cylinder size: 7" bore, 5" rod

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