



# Avermann



## Horizontal baler 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.

## 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
- Further options available

**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



Installation of an AVOS 1810 B5-90/100



Press-ram for cross binding

Technical data	AVOS 1810 B5-60/80	AVOS 1810 B5-90/100	AVOS 1810 B5-110/100
Machine length	11.225 mm	11.225 mm	11.225 mm
Machine width	2.540 mm	2.540 mm	2.540 mm
Maschine height	3.900 mm	3.900 mm	3.900 mm
Feeding hopper cross section	1.800 x 1.000 mm	1.800 x 1.000 mm	1.800 x 1.000 mm
Dead weight approx.	26.000 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
Bale weight* up to	650 kg	700 kg	700 kg
Channel adjustment	automatic	automatic	automatic
Cycle time (empty)	20 s	13 s	13 s
Idle speed capacity (theoretical)	238 m <sup>3</sup> /h	388 m <sup>3</sup> /h	388 m <sup>3</sup> /h
Throughput** 35 kg/m <sup>3</sup> (cardboard)	5,0 t/h	12,1 t/h	12,5 t/h
Throughput** 60 kg/m <sup>3</sup> (cardpaper, paper)	8,5 t/h	16,0 t/h	17,5 t/h
Throughput** 100 kg/m <sup>3</sup> (newspaper)	14,2 t/h	23,2 t/h	26,2 t/h
Specific press force	97,0 N/cm <sup>2</sup>	121,2 N/cm <sup>2</sup>	121,2 N/cm <sup>2</sup>
<b>Drive power</b>	<b>55 kW</b>	<b>2 x 45 kW</b>	<b>2 x 55 kW</b>
<b>Press force</b>	<b>800 kN</b>	<b>1.000 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 400V, N, PE/50Hz. Available in all standard RAL colors, other RAL colors on request.

**Perfectly suitable to compact:**

- ✓ Paper
- ✓ Cardboard
- ✓ Foil
- ✓ PET
- ✓ Residual waste
- ✓ Plastic
- ✓ Cans
- ✓ Tetra pack
- ✓ Packagingtapes
- ✓ Fruitcrates
- ✓ Hygiene products
- ✓ Substitute fuels

**Optionally with remote access**