



Avermann



Horizontal baler 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 on 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.

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
- Cross binding
- Monitoring of wire breakage and wire end to control the binding wires
- Further options available

Your benefits:

- + **Precise:** Dimensionally stable bales thanks to 5-fold vertical binding
- + **Reliable:** Low risk of failure thanks to two separate drive units (optional)
- + **Reliable:** Proven technology from more than 40 years of experience

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5-fold binding



OptiCut for better performance



Cardboard tubes

| Technical data | AVOS 1410 B5-45/80 | AVOS 1410 B5-60/80 | AVOS 1410 B5-90/100 |
|---|------------------------|------------------------|-------------------------|
| Machine length | 10.400 mm | 10.400mm | 10.400 mm |
| Machine width | 2.540 mm | 2.540 mm | 2.540 mm |
| Machine height | 3.900 mm | 3.900 mm | 3.900 mm |
| Feeding hopper cross section | 1.400 x 1.000 mm | 1.400 x 1.000 mm | 1.400 x 1.000 mm |
| Dead weight approx. | 23.000 kg | 25.000 kg | 26.000 kg |
| Bale dimensions (W x H) | 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 |
| Channel adjustment | automatic | automatic | automatic |
| Cycle time (empty) | 16 s | 10 s | 11 s |
| Idle speed capacity (theoretical) | 236 m ³ /h | 375 m ³ /h | 343 m ³ /h |
| Throughput** 35 kg/m ³ (cardboard) | 7,0 t/h | 9,4 t/h | 9,4 t/h |
| Throughput** 60 kg/m ³ (cardboard paper) | 8,5 t/h | 13,2 t/h | 16,2 t/h |
| Throughput** 100 kg/m ³ (newspaper) | 16,0 t/h | 22,0 t/h | 24,0 t/h |
| Specific press force | 97,0 N/cm ² | 97,0 N/cm ² | 121,2 N/cm ² |
| Drive capacity | 45 kW | 2 x 30 kW | 2 x 45 kW |
| Press force | 800 kN | 800 kN | 1.000 kN |

*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. 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

