



# Avermann

## Horizontal baler TYPE AVOS 141/181

### Handling, power and flexibility for heavy- weights

Horizontal balers TYPE AVOS 141 and 181 combine excellent engineering and long lifetime. Many various materials can be processed precisely and just as desired. For highly expansive materials, the hopper can be extended with an additional compaction space. Feeding of the baler can be carried out either manually or continuously and evenly through a conveyor belt, according to the customer's demands. Manual binding using prefabricated quick-tie wires ensures a constant bale length.

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Horizontal baler TYPE AVOS 141-15/50

# Horizontal baler TYPE AVOS 141/181 Technical Data

## Options

### You specify the details – for an optimal setup:

- › Cross binding of strongly expansive materials
- › Movable control panel
- › Cleaning hub
- › Diesel aggregate
- › Hook base frame

### 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.*

### Your benefits:

- › **Flexible:** Suitable for compaction of various materials
- › **Efficient:** High bale weight at constant bale length
- › **Constant:** Manual binding with quick-tie wires
- › **Market-driven:** Economically usable European standard bales



Manual binding with prefabricated quick-tie wires



AVOS 181 with extended compacting chamber

### Overview of technology

	AVOS 141-15/50	AVOS 181-15/50
Overall length	7,200 mm	8,080 mm
Overall width	2,200 mm	2,200 mm
Overall height	2,350 mm	2,350 mm
Feeding hopper cross section	1,400 x 1,000 mm	1,800 x 1,000 mm
Dead weight approx.	7,500 kg	12,000 kg
Bale dimensions (W x H)	1,100 x 750 mm	1,100 x 750 mm
Bale weight* up to	600 kg	600 kg
Binding	4-fold, vertical	4-fold, vertical
Cycle time (empty)	42 s	54 s
Idle speed capacity (theoretical)	99 m <sup>3</sup> /h	99 m <sup>3</sup> /h
Throughput** 35 kg/m <sup>3</sup> (cardboard)	2.0 t/h	2.0 t/h
Throughput** 60 kg/m <sup>3</sup> (cardboard, paper)	3.0 t/h	3.0 t/h
Throughput** 100 kg/m <sup>3</sup> (newspapers)	4.5 t/h	4.5 t/h
Specific press force	60.6 N/cm <sup>2</sup>	60.6 N/cm <sup>2</sup>
<b>Drive capacity</b>	<b>15 kW</b>	<b>15 kW</b>
<b>Press force</b>	<b>500 kN</b>	<b>500 kN</b>

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

### Valid for all machines:

Adjustable bale length; binding: 4-fold vertical; Electrical connection: 3 x 400V, N, PE/50 Hz; Fuse protection on site: 63A