



## AVOS 20M

# Light and efficient – for resource-saving disposal

**The AVOS 20M heralds a new generation of mobile waste compactors that sets standards in terms of efficiency, sustainability and flexibility that have never before been achieved in the market.**

Thanks to its optimised design, the AVOS 20M offers increased stability despite its reduced weight of up to 500 kg less than comparable machines. This leads to two significant advantages: Considerable savings in fuel consumption and significant increase in maximum payload. At present, recyclables cannot be transported more economically and CO<sub>2</sub>-savingly than with the AVOS 20M. The master flange system creates maximum flexibility and with the Avermann control concept, the AVOS 20M is an important component in the digitalisation of your processes.

**Avermann**  
**Maschinenfabrik GmbH & Co. KG**  
Lengericher Landstraße 35  
49078 Osnabrück . Germany

Phone +49 5405 505 - 0 . Telefax +49 5405 6441  
info@avermann.de . [www.avermann.de](http://www.avermann.de)



# AVOS 20M

## Technical data

## Options

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

- › Freely selectable, exchangeable cover design
- › Emptying assistant for expansive fractions
- › Retrofittable integrated lifting and tilting devices
- › Voltage converter
- › User-defined operating elements
- › Additional digitilisation options

### Your benefits:

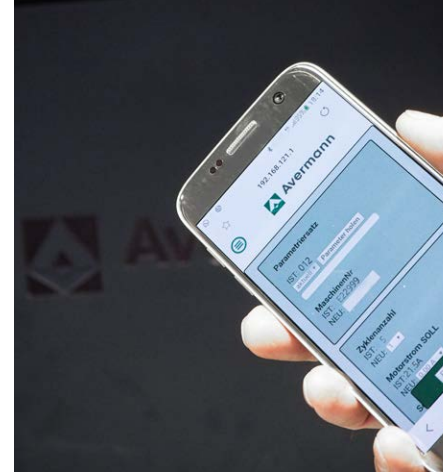
- › **Innovative:** Patented assembly groups and new materials
- › **Light:** Weight reduction up to 500 kg compared to similar system
- › **Capacity:** Very large filling opening (1,890 mm x 1,970 mm)
- › **Elegant:** Attractive industrial design for use in public environments
- › **Flexibility:** Master flange system for optimal adaptation to your needs

- › **Process reliability:** Newly designed press head bottom to prevent material from entering behind the press plate
- › **Powerful:** High press force – well above the market level
- › **Networked:** All service information accessible in real time via WiFi and mobile network
- › **User-friendly:** Innovative control unit for easy operation

### 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

*Further RAL-colours available on request against surcharge.*



WiFi



Self-cleaning tray in the press head

### Technical data

AVOS 20M

Net capacity	20 m <sup>3</sup>
Over all length	6,990 mm
Clear length	6,400 mm
Machine length	6,720 mm
Machine width	2,475 mm
Machine width	2,550 mm
Feed-opening length	1,775 mm
Feed-opening width	1,890 mm
Feeding height	1,400 mm
Dead weight	4,990 kg
Capacity per drive stroke	1.9 m <sup>3</sup>
Cycle time (idle)	63 s
<b>Drive capacity</b>	<b>5.5 kW</b>
<b>Press force</b>	<b>380 kN</b>

### Valid for all machine types:

Electricity: 3 x 400 V, N, PE/50 Hz; Plug connector: CEE-5 x 32 A/6 h;  
 Fuse protection (on site): 25 A, slow; Control voltage: 24 V DC