

**AUDION  
VERTICAL PACKAGING  
MACHINE**



**VERTICAL  
FORM, FILL AND  
SEALING MACHINE**



**AUDION**

**AVM 190**

FULLY AUTOMATIC PACKAGING MACHINE



## AVM 190

The Audion AVM 190 machine is the most compact vertical form, fill and sealing machine with pneumatically activated sealing bars. It automatically forms a bag, fills it with a product and then seals and separates the finished package. The AVM 190 is suitable for all types of free flowing food- and non-food products. It can produce different shapes of bags and can reach a production speed of 65 bags per minute. A single roll of flat material is used and sealed with constant heat. It can seal polyethylene, polypropylene and laminates without set-up operations. The high-speed version (190HS) is equipped with 12 mm wide profiled sealing bars and can be used for sealing PP and laminates. The whole process is controlled by a specially designed PLC with a user-friendly control panel. The Audion AVM 190 is strongly recommended for production processes in which small size packages of free flowing goods are produced, using a bag width up to 190 mm and a maximum bag length of 300 mm. Possible applications for this versatile machine are:

### Food Industry:

salt, bread rolls, flower, popcorn, grits, cookies, sugar, lemonade powder, shrimps, coffee, water, juice, cooking oil, deep frozen chicken nuggets etc.

### Non-food industry:

flower bulbs, parts, seeds, toys, sand, pet food, soap, cups, chemicals, hardware etc.

Audion can provide a total solution with complete system integration for your packaging needs through its Automatic Packaging Systems Division.



AVM190 + AIW2004 + AVM ATB

Technical Specifications	AVM 190	AVM HS
Bag width (min-max)	50-190 mm	50-190 mm
Bag length (min-max)	50-300 mm	50-300 mm
Maximum bag volume	2000 cm <sup>3</sup>	2000 cm <sup>3</sup>
Maximum weight per bag	1500 g	1500 g
Film thickness PP (min-max)	35 µm – 80 µm	35 µm – 125 µm
Film thickness PE (min-max)	50 µm – 80 µm	-
Film thickness Laminates	please contact us	please contact us
Maximum production speed for PE <sup>1</sup>	20 bags/min	-
Maximum production speed for PP and laminates <sup>1</sup>	40 bags/min	65 bags/min
Inner diameter film reel	75 mm	75 mm
Max. outer diameter film reel	400 mm	400 mm
Required air pressure	7 bar	7 bar
Air consumption per minute	200 – 400 L	200 – 400 L
Machine dimensions (HxWxL)	1178 x 600 x 1070 mm	1178 x 600 x 1070 mm
Machine weight (without complementary equipment)	226 kg	226 kg
Voltage	230 V – 1 ph – 50/60 Hz	230 V – 1 ph – 50/60 Hz
Power	1000 watt	1000 watt

<sup>1</sup>Subject to product, dosage and packaging material.

Audion reserves the right to change these specifications without previous notice



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# TECHNICAL SPECIFICATIONS AUDION AVM 190

### Main features of the AVM 190:

- User-friendly programming by only 4 buttons
- Computer controlled sealing system
- Self diagnostic information system
- 10 standard programs in memory
- Bag counter
- Adjustable pressure of feed belt contact
- Automatic jaw release when product is trapped
- Bi-active horizontal sealing bars
- 10 different languages standard available
- Electronic eye for bag registration
- End of film detector
- Overlap and fin seal system
- Standard stainless steel collar included
- CE certified

### Machine options

- Sorting table
- Modified atmosphere packaging
- Dust extraction
- Double stroke
- Bar coding, printing, labeling
- Product catching plates
- Air press device
- Stainless steel construction

### Seal Options

- Gusset seal
- Flat bottom
- Varies punch hole systems
- Chain bags
- Different profile sealing bars
- Print seal system
- Clip closing

### Integrated complementary equipment

- Linear net weigher
- Multi head scales
- Volumetric cup feeder systems
- Pump feeder systems for liquids
- Auger fillers
- Vibration bowl
- Counting systems
- Conveyor belt feeder systems
- Auger feeder systems
- Carry off conveyor belt