



AWEMA®

**Linear scales – Swiss precision
in efficient weighing solutions**







AWEMA AG – Pioneer in weighing technology

We develop high-precision linear scales for demanding industrial applications.

We have been active in mechanical engineering for over 55 years and are known worldwide for innovative, reliable, and durable solutions – tailored to the individual requirements of our customers. Our products combine Swiss precision with maximum efficiency and are characterized by the highest quality and versatility. Whether in the food, chemical, or plastics industry – our linear scales are used internationally and enjoy the trust of numerous satisfied customers.

All machines **made in Switzerland**.



What convinces our customers

Technical features

- Stainless steel design, robust and durable
- All product-carrying parts can be assembled/disassembled without tools
- LAN and WLAN connection to company networks and the Internet
- Remote maintenance interface to AWEMA
- Statistics, trend, and logbook display
- No pneumatics required for standard version, not valid for wet operation

Process-relevant factors

- Unlimited number of recipes can be stored/recalled
- Self-optimization algorithms for improving filling performance and accuracy
- Automatic zero tare after time or filling to compensate for product buildup on the load cell
- Partial filling function with end compensation:
The desired target weight can be formed from partial fillings to fill volumes larger than the load cell volume or to prevent clogging in the discharge funnel. The last partial filling is added to the sum of the already emptied partial weights.
- Counting of parts of equal weight
- Target weight transfer by adding/counting the product into the load cell. Useful when a certain number of parts of equal weight are to be weighed or counted.

Special features of multiple scales

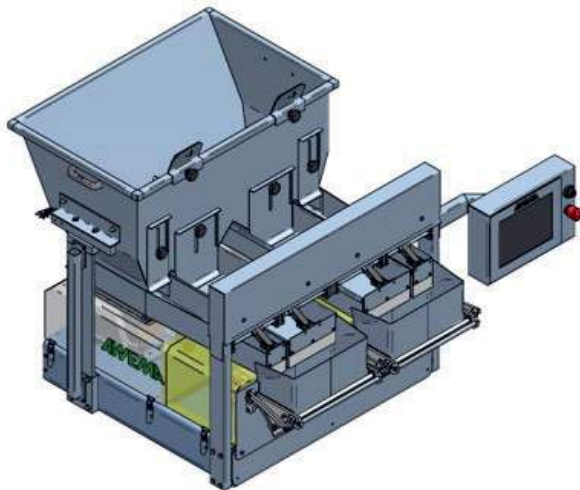
- Staggered emptying
- Mixing

Linear scales

Technology that impresses.

Proven standard designs – precise, reliable, and optimally tailored to the requirements of modern production facilities. These machine solutions stand for Swiss quality and many years of experience in mechanical engineering.

- Purely electric machine
- Actuators (load tray flap, end flap) programmable in terms of travel, speed, acceleration.
- Vibrators with automatic load compensation
- Vibrators with fully automatic identification of the resonance frequency. This results in very low power consumption.



Linear Weigher Touch 12 LWT 12

Also from this series:

LWT 14

LWT 16

Cycle rate:

Number of vibrators:

Number of scales:

Configurations:

Coarse/fine chute:

Filling hopper:

Outlet hopper:

Noise insulation:

Dust cover:

Synchronization:

Chassis:

max. **20 cycles/min**

2 vibrators

4 vibrators (LWT 14)

6 vibrators (LWT 16)

1 weighing unit

U-chute/V-chute

With dimpled plate

With grit separation

Teflon-coated, electropolished, etc.

Volume as required

As required

Available – special coating

Machine front or entire scale

Packaging system, feed system

As required



Linear Weigher Touch 22 LWT 22

Also from this series:

LWT 24

LWT 26

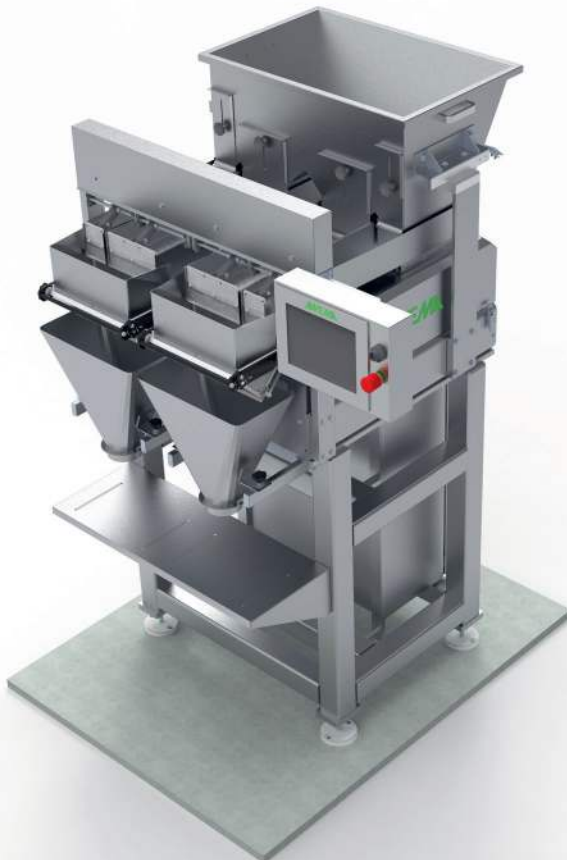
Cycle rate: max. **40 cycles/min**
Number of vibrators: **4 vibrators**
8 vibrators (LWT 24)
12 vibrators (LWT 26)

Number of scales: **2 weighing units**

Configurations:

Coarse/fine chute: U-chute/V-chute
With dimpled plate
With grit separation
Teflon-coated, electropolished, etc.

Filling hopper: Volume as required
Outlet hopper: As required
Noise insulation: Available – special coating
Dust cover: Machine front or entire scale
Synchronization: Packaging system, feed system
Chassis: As required



Linear Weigher Touch 32 LWT 32

Also from this series:

LWT 34

LWT 36

Cycle rate:
Number of vibrators:

max. **60 cycles/min**
6 vibrators
12 vibrators (LWT 34)
18 vibrators (LWT 36)

Number of scales:

3 weighing units

Configurations:

Coarse/fine chute:

U-chute/V-chute
With dimpled plate
With grit separation
Teflon-coated, electropolished, etc.
Volume as required

Filling hopper:

As required

Outlet hopper:

Available – special coating

Noise insulation:

Machine front or entire scale

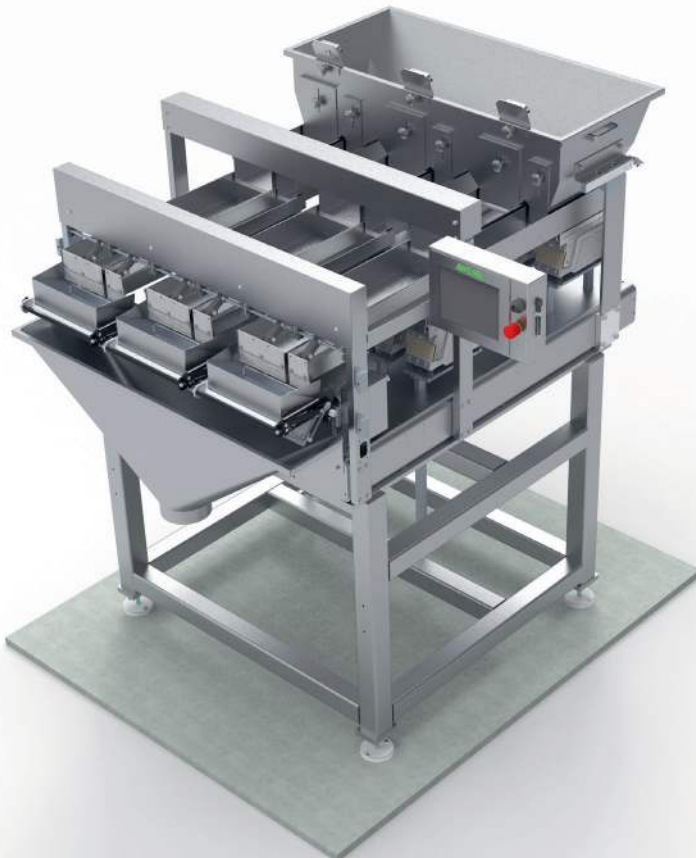
Dust cover:

Packaging system, feed system

Synchronization:

As required

Chassis:



Customized solutions

Your products are unique. So are our solutions.

Standard isn't always enough – we offer customized special solutions. For example:

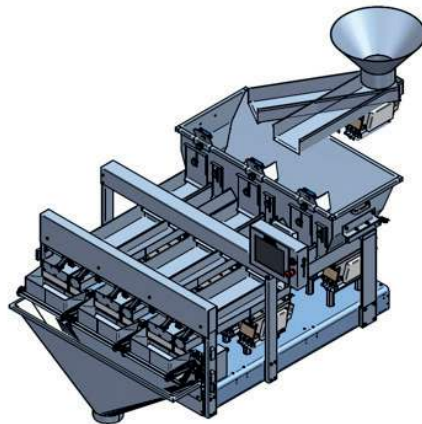
- CIP connection for easy cleaning
- Dust cover
- Automatic product distributor
- Explosion-proof (ammunition weighing)

As a mechanical engineering company with many years of experience, we develop scales that precisely meet your requirements

Whether you have special product characteristics, specific space requirements, or individual process sequences:

Our experts develop tailor-made scales that are customized to your products and production processes. We listen, think along with you, and work with you to find the right solution.

Get in touch with us – we look forward to your challenge.



LWT 14 – special



LWT 24 – special





A wide range of possibilities

True all-rounders

Our linear scales reliably handle a wide variety of product types – from fine powders to granulated and flaky materials to lumpy goods. They guarantee precise measurement results at all times, regardless of shape, texture, or bulk density. Efficient weighing, packaging, and packing – no matter how diverse your product range is.



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