

# **W SERIES**

**Bulk weighing systems**



# Weighing systems

The CHRONO-WEIGH™ **W SERIES bulk weighers for receiving and shipping bulk material** are recognised for their accuracy, performance and reliability. These electronically controlled weighers for receiving and shipping free-flowing bulk materials are typically used in grain silos, the feed/food industries, mills, warehouses etc.

The weigher output is dependent on the size of the weigh hopper, which can be up to 10 tons capacity. The weighers are manufactured in welded steel and are dust-tight. Infeed and weigh hopper are equipped with pneumatically operated (twin) gates. The weigh hopper has an inspection door and frame on which to place calibration weights.

## Features and benefits

- Pure full loadcell systems reduces maintenance costs
- Fulfils today's weighing system requirements for accuracy, performance and reliability
- Removeable doors permit easy access and simple clean-down
- Robust design for reliable constant operation
- Modern cost-effective design and performance
- Operation and control independant to site
- CHRONO-TRONIC™ BULK 3000, 8000 or 9000 weighing & recording systems are available to suit different applications. Please ask for details.

## Options

- **Level indicator:**  
Rod or probe cuts off material in-feed at the high level in the feed hopper. The level indicator in the discharge hopper only activates when the previous weighment has been conveyed away.
- **Pneumatic - anti-freeze:**  
of - 20°C to + 5°C it is recommended to install an anti-freeze system. It prevents valves, cylinders and pipes from freezing.
- Calibration weights are positioned by pneumatic cylinders when required.
- Duplex infeed to achieve precise shipping weights.
- Stainless steel contact parts - prevent corrosion when weighing aggressive materials
- Abrasion resistant steel contact parts - reduces abrasion when weighing abrasive materials

## Technical data (AW/VW 101-701)

Weigher.....	Type/hopper size.....	Weighing range kg.....	Output t/h*
AW/VW.....	101/220.....	5-100.....	50
AW/VW.....	201/400.....	5-200.....	100
AW/VW.....	301/500.....	10-300.....	140
AW/VW.....	501/750.....	25-500.....	180
AW/VW.....	701/1000.....	25-500.....	200

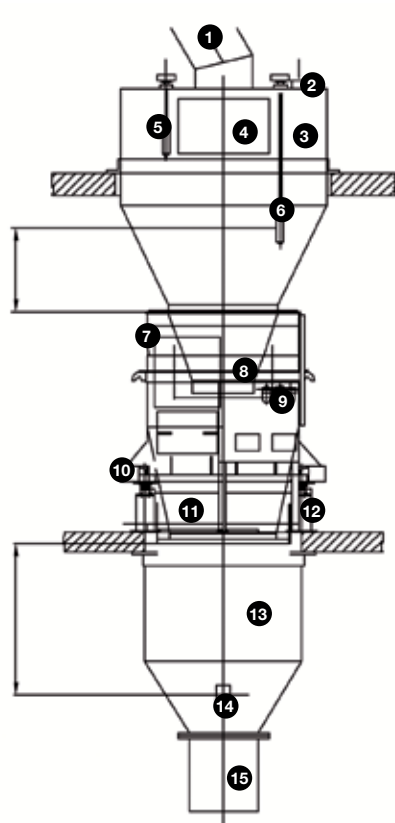
\* Based on grain with a bulk density of 0.75 m<sup>3</sup>

## Technical data (AW/VW 1002-10002)

Weigher.....	Type/hopper size.....	Weighing range kg.....	Output t/h*
AW/VW.....	1002/1500.....	50-1,000.....	310
AW/VW.....	2002/3000.....	100-2,000.....	505
AW/VW.....	3002/4500.....	100-3,000.....	695
AW/VW.....	5002/7500.....	250-5,000.....	975
AW/VW.....	10002/15000.....	500-10,000.....	1,520

\* Based on grain with a bulk density of 0.75 m<sup>3</sup>

## Typical layout (AW/VW 1002-10002)



- 1 Material feed
- 2 Venting spout
- 3 Surge hopper
- 4 Inspection door
- 5 Level indicator "Max" for switching the feeder
- 6 Level indicator "Min" for switching the scale
- 7 Flexible connection (cloth)
- 8 Feeder
- 9 Service unit
- 10 Calibration weight supports
- 11 Flexible connection (cloth)
- 12 Load cells
- 13 Discharge hopper
- 14 Level indicator "Empty" for switching the scale
- 15 Take away conveyor



## European Head Office

Premier Tech Chronos B.V.  
Meerheide 40  
5521 DZ Eersel  
THE NETHERLANDS  
☎ +31 (0) 497 514 988  
info-eu@ptchronos.com

## European Regional Offices and Manufacturing Plants

Premier Tech Chronos S.R.L.  
Parma, ITALY  
☎ +39 0521 29 60 11

Premier Tech Chronos Ltd.  
Nottingham, UNITED KINGDOM  
☎ +44 (0) 115 935 1351

Premier Tech Chronos GmbH  
Hennef, GERMANY  
☎ +49 (0) 2242 9335 0

Premier Tech Chronos S.A.  
Longjumeau, FRANCE  
☎ +33 (0) 1 60 11 31 32



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