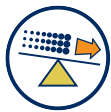


E SERIES



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NET WEIGH SCALES ●●●



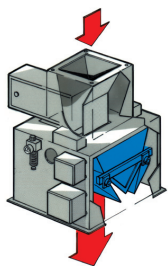
DOSING

NET WEIGH SCALES

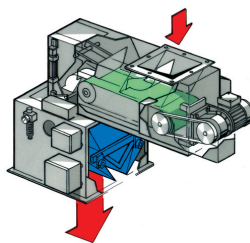
E SERIES

The **E Series Net Weigh Scales** are designed to satisfy the most stringent international regulatory requirements to meet the highest demands for precision weighing, performance and reliability. They can be integrated into automatic bagging lines for pre-made open-mouth bags or for bags made from a film roll. They can also be used as a manual bagging station in combination with a bag clamp and closing system.

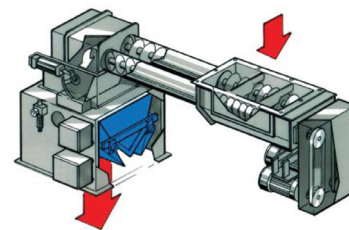
The **E Series Net Weigh Scales** are subject to a continuous optimization process to meet ever changing market requirements. A wide range of feeding devices (gravity, belt, screw and vibratory) are available to suit a variety of materials from the food, feed, chemical and building materials industries. Thanks to their servomotor-controlled feed gate, our high speed gravity and belt fed models combine the speed of a duplex scale with all of the advantages of a simplex (reduced overall dimensions, discharge in line with the bag, lower cost, etc.) to offer the more profitable system on the market place when high outputs are required.



The **GRAVITY FEEDER** is used for continuous feeding of free-flowing materials such as grain, refined sugar and rice. The quantity of material fed during full feed and dribble feed modes depends on flow characteristics and catch gate opening position.



The **BELT FEEDER** is used for non free-flowing materials which need to be handled carefully to maintain their structure (animal feed, pellets, etc.). The quantity of material fed depends on the conveyor speed and cross section opening.



The **SCREW FEEDER** is used for continuous feeding of non free-flowing, mealy or powdery materials such as flour, milk powder and minerals. Depending on the desired capacity, either single or double screw arrangements can be provided.

FEATURES AND BENEFITS

- Superior production speed on certain models thanks to servomotor-controlled feed gate
- Simple construction and sturdy design for long-term reliability
- Weigh hopper directly suspended at two strain-gage loadcells
- Precise weight registration
- Wear or corrosion resistant versions available
- Special hoppers and discharge gates available for dusty products or where special hygienic conditions have to be considered
- Enclosed design with removable doors for easy access into the machine



- User-friendly weight controller (SpeedAC NXT) with multiple display screens providing performance feedback, fine-tuning capabilities, statistical data, etc.

Options available

- Different weigh pan door arrangements for optimum discharge
- Different weigh pan capacities
- Weigh hopper vibrating device
- Mild steel, stainless steel or coated / PTFE lined product contact surfaces
- Pneumatically operated automatic calibration check, etc.

THE E SERIES SCALE CAN BE INTEGRATED INTO AN OPEN-MOUTH OR
FFS BAGGER FOR FULLY AUTOMATED BAGGING



Stainless steel high speed gravity scale providing high precision weighing



AUTOMATION
THROUGH **INNOVATION**

Note :

Some safety devices (such as guards) may have been removed from the equipment on certain pictures to better show the various components.

	E25/E55			
Type of feeder	Gravity	Belt	Vibratory	Screw
Accuracy	Up to ± 0.5 oz. (15 g) @ 2 sigma	Up to ± 1.4 oz. (40 g) @ 2 sigma	Up to ± 3.5 oz. (100 g) @ 2 sigma	Up to ± 1.4 oz. (40 g) @ 2 sigma
Production rate (weighments/min)	Up to 20 or up to 35 with servo drive	Up to 15 or up to 25 with servo drive	Up to 12*	Up to 12*
	Depending on product characteristics, bag size, etc. *Rates obtained in simplex configuration. Duplex configuration available for higher speeds.			
Weighment range	11 lb to 66 lb (5 kg to 30 kg) – model E25 22 lb to 110 lb (10 kg to 50 kg) – model E55			
Weigh hopper capacity	1, 1.8 and 2.8 cu. ft. (30, 50 and 80 l) – model E25 1.8, 2.8 and 4.2 cu. ft. (50, 80 and 120 l) – model E55			
Air consumption	0.15 scf (4 NI) per weighment – model E25 0.32 scf (9 NI) per weighment – model E55			
Operating pressure	60-90 psi (4-6 bar)			
Power supply	-	460 V / 3 Ph / 60 Hz	460 V / 3 Ph / 60 Hz	460 V / 3 Ph / 60 Hz
Control	110 V / 1 Ph / 60 Hz	110 V / 1 Ph / 60 Hz*	110 V / 1 Ph / 60 Hz*	110 V / 1 Ph / 60 Hz*
	Other voltages available * Power obtained through a transformer supplied with the machine			
Operating temperature	40 °F to 105 °F (5 °C to 40 °C)			



PREMIER TECH SYSTEMS also offers a wide range of bagging systems. Ask for our PTS and FFS Series.

WORLDWIDE PRESENCE

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Viry-Châtillon, FRANCE • Nottingham, UNITED KINGDOM
Parma, ITALY • Bangkok, THAILAND • New Delhi, INDIA

PREMIER TECH SYSTEMS is an international leader in the design, manufacturing and marketing of state-of-the-art industrial equipment. It offers innovative solutions for the processing and packaging of a wide range of organic and non organic materials in many various industries. Buoyed by a multidisciplinary team of over 600 people based in America, Europe and Asia, PREMIER TECH SYSTEMS is building on research, innovation, and on the development of value-added products to help its customers lead the way in their respective markets.



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☎ 418 862-6642
@ info@premiertechsystems.com
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