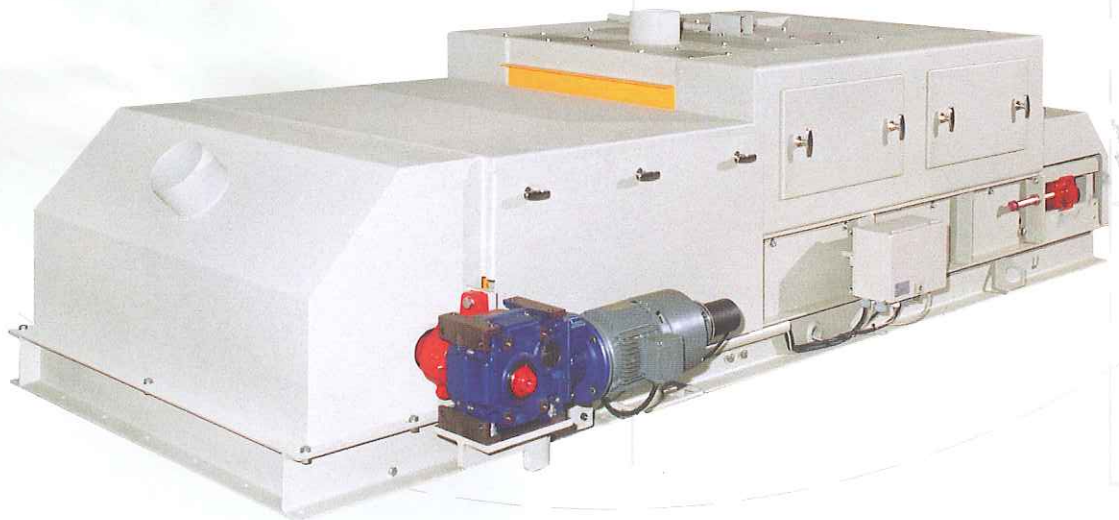


PB dosifying scales  
for pulverulent  
products



50 Kg/h.....  
:.....250.000 kg/h.

industrial weighing engineering

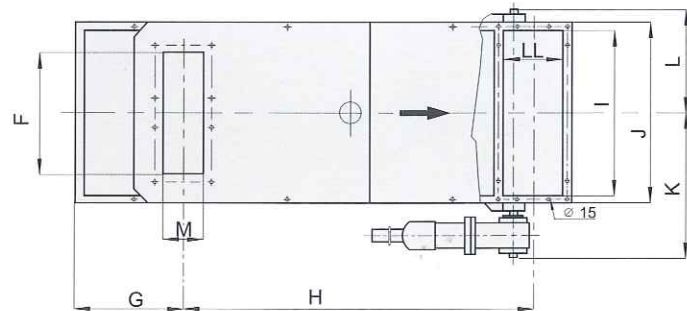
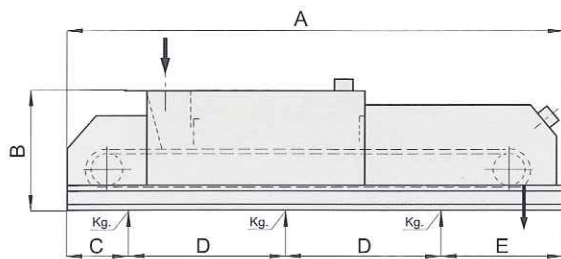
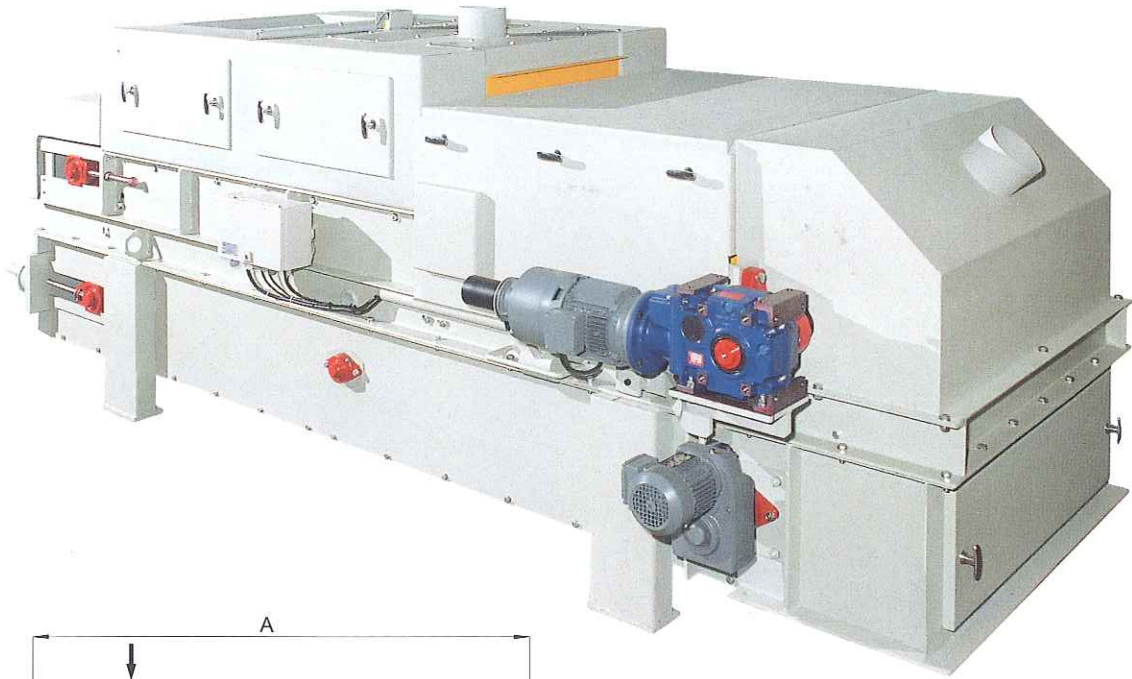
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ingeniería en pesaje industrial



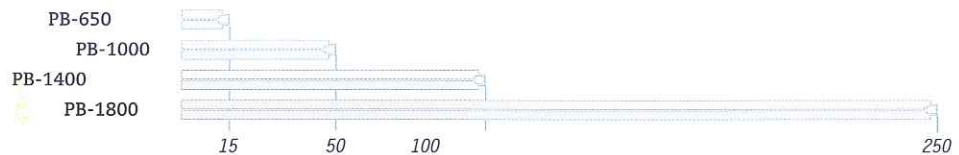
VIDMAR

# PB dosifying scales for pulverulent products



dosifier model	*	A	B	C	D	E	F	G	H	I	J	K	L	LL	M	Kgs
PB-650	650	2800	700	200	900	800	360	500	2000	800	900	780	520	400	200	3x400
PB-1000	1000	3650	850	500	1100	950	700	785	2600	1150	1260	940	710	420	400	3x500
PB-1400	1400	4750	1000	600	1500	1150	1100	985	3400	1550	1680	1200	950	600	400	3x750
PB-1800	1800	6330	1250	500	2300	1230	1500	970	4890	1930	2070	1205	1205	800	700	3x1500

Measurements in mm.



FLOW RATE IN Metric Tons/H -for products of density: 1 Tm/m3

# applications

Dosification of pulverulent products with problematic characteristics, such as light ashes, crude powder for clinker production, cement, coal, feldspar, clays and any product with low granularity and low slope. Applications include cement factories, plants handling aggregates, ceramics, chemicals and foodstuffs, and other industries that need to dosify such products precisely and continuously.



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## general characteristics

- Precision:  $\pm 0.5\%$  over the full flow range.
- Rigid metallic dosifier chassis
- Upper part of the belt completely shrouded, with an extractor connection.
- Screw-adjustment of the belt tension.
- Load rollers
- Control and forwarding drum (Rubber-coated according to the type of product).
- V-shaped return roller acts as a centring roller.
- Internal and external belt cleaner.
- Belt displacement detectors on both sides.
- Drum rotation detector.
- A.C. motor, power depends on model.
- Hollow-shaft reduction gear connected directly to the drum.
- Belt has undulated edges.
- Product guide system in the breather/scale hopper.
- Digital speed encoder coupled directly to the motor.
- Ultrasonic hopper-load height sensor with 0-10V/4-20 mA. output.
- Control cabinet for local connection and control of the scale.
- Weigh-bridge:  
This consists of a lever frame hinged on four metal strips, two horizontal and two vertical, made of chrome steel. This allows horizontal force components to be absorbed before reaching the weight cell, so that this only receives vertical components.  
The lever arm also acts to scale-down the force applied to the weight cell, and as compensation for the tare of the belt and the weighing roller  
Weight cell: O.I.M.L. 3000 divisions.  
Cell protected against overloads.  
Weigh-bridge rollers are machine-turned.

# accessories



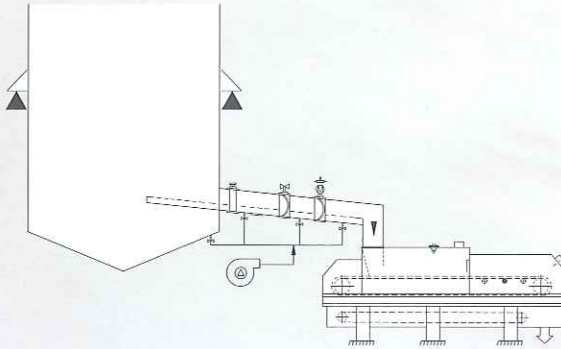
**Alveolar valve.**  
Hermetically-sealed dosifier system for medium flow rates.

**Sectorial dosifier valves.**  
Hermetically-sealed dosifier system for high flow rates.  
Includes ventilation chamber and accessories.



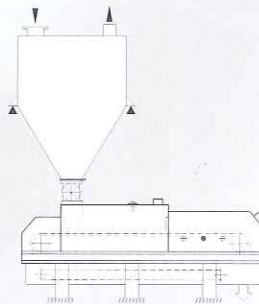
**Cleaning scraper.**  
Cleans material stuck to the belt, depositing it at the bottom and transporting it to the outlet either continuously or in batches.

# products



- Metal-plate transport dosifier scales
- Hammer cutters to allow large blocks of material to pass and avoid blockage of the outlet of the scale delivery chute.
- Impact flow meters
- Custom-designed dosifier and integrating scales with special measurements and features.
- Low-tonnage weighing platforms with special measurements and functions.
- Conveyor belts.
- Special designs in stainless steel.
- Weigh bridges for trucks, dumpers and railways.
- Digital and analogue weight amplifiers.
- Supervision, control and regulating equipment for conveyor belts.
- Truck entry/exit movement control software.
- Complete installations for automatic control of the loading and shipping of bulk materials.
- Technical dosifying processes.
- Custom installations.
- Automation in general.
- Turn-key products.

# applications



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