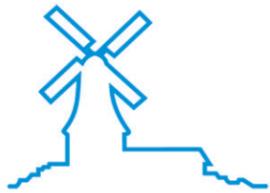


*We keep your mills running!*

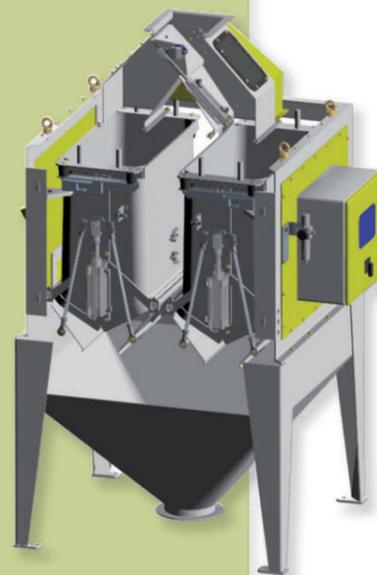


M E S M A  
T R A D I N G

## Automatic Double Hopper Scale Type PED



ATEX



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Phone +41 61 712 19 19 • Fax +41 61 713 80 16 • [www.mesmatrading.com](http://www.mesmatrading.com)

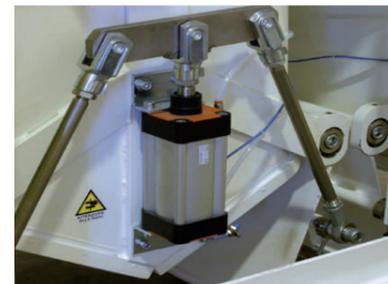
## Characteristics of the Automatic Double Hopper Scale Type PED

### Easy & quick calibration



Calibration and periodical check can be easily and quickly executed by placing standard weights on the disks assembled to the weighing hoppers. Commands given through the operator panel allow to perfectly readjust the machine obtaining the required accuracy for effective control of plant yield.

### Safety



The weighing unit has been developed according to safety and sanitation requirements. Wiring, electric panel and the electronic components have been designed to pass any standard tests. On request a version of PED according to ATEX standards for use in area 22, certified by German TÜV, is available.

### Working principle

The automatic hopper scale PED works either as control unit or as dosing unit with a different loading device. After the phase of filling, attained the set value, diverting the slide to move

### Advantages



The double hopper arrangement allows higher production and weighing with a lower volume than any other solution. This scale is particularly appreciated in plants requesting high performance in limited space. The weight measurement is obtained in a closed environment so giving results of maximum precision as it is not affected by external disturbance or pressure balance above and beneath weighing hoppers.

### Electronics control



Developed with the latest technology in electronics components, it is fully integrated and easily accessible for maintenance and wiring. The weight measurement is done through top performance A/D converter used in the weighing systems. Input and output are protected from any wiring error and from electromagnetic noises, making these instruments really industrial.

### User control panel



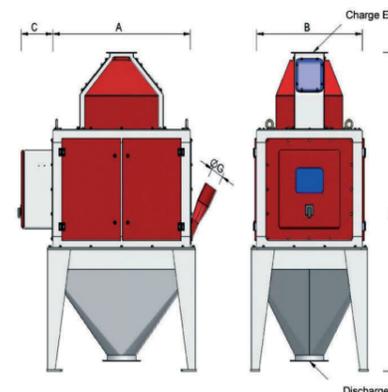
The use of touch-screen display make the operator interface extremely logical and user-friendly. Few and simple pressures on virtual buttons permit setting of main working parameters and detecting possible alarms. The head page reports evidently the decisive flow rate, net hopper weight and basic using indications.

### Field bus

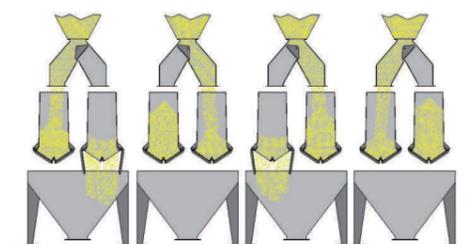


In the age of communication systems we cannot ignore this nowadays fundamental aspect. Three communication field busses are available: Profibus DP / Modbus / TTY (current loop). PED scales are perfectly integrated in new automation systems and in existing ones, allowing the replacement of existing flow control systems.

### Technical data



	PED 7	PED 15	PED 30
A	755	900	970
B	585	690	885
C	200	200	200
D	1'375	1'620	1'915
E	110x110	150x150	180x180
øF	140	180	180
øG	50	80	80
Flow rate P.S. 750 kg/m <sup>3</sup>	7T/h	15T/h	30T/h
Flow rate P.S. 550 kg/m <sup>3</sup>	5T/h	11T/h	24T/h
Flow rate Byproduct	3,5T/h	7,5T/h	15T/h



### Contact

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