



It is recommended for the bagging of grainy (0.5-6 mm), non-clinging materials.

It is capable of the implementation of gross measurement as it weighs bulky materials directly into bags.

Bagging scale equipped with a two-nozzle gravity feeder, measuring cell and digital self-learning instrument.

This type is recommended for shallow installation sites and in the case of lower capacity requirements.

The gross bagging scale is capable of gravity feeding and weighing into bags of identical quantity of bulk grain produce.

Measuring instrument, of the bagging scale type MPA-I, carries out counting of bags and summarizes quantities in two ways: one may be zeroed (daily form), the other may not.

The bagging scale can be manufactured with weighting limits between 5-20 kg or 10-50 kg. The scales operation is based upon the same principle and they are structured similarly, however they differ from each other regarding flow cross sections and the size of their charging hoses which hold the bags.

Scale output is influenced by the characteristics of the produce to be fed (mass per volume, grain size etc.) and by bag weight to be filled.

Technical data of bagging scale type MP-ZBG

Type	MP-ZBG	
Weighing limit	5-20 kg	10-50 kg
Accuracy	± 0,2-0,4 %/bag	
Output	120-160 bags/hour (produce and operator dependent)	
Produce to be fed	Non-clinging, grainy material	
Installation height (cca.)	2000 mm	2200 mm
Power supply	230V, 50Hz, 150 VA 380V, 50Hz, 2x1 KW	
Air supply	6-10 bar	10 NI/portion
Aspiration	Depends on produce and dusting (aspiration connection on the scale)	
PC output	RS-232 or TTY-20 mA or RS-485	

Bagging scale type MP-ZBG is a so-called standard scale, indeed it is manufactured in a customised finish so that special installation requirements for the scale may also be met. The access board and the pre-storage unit are not part of the scale system however Metripod Plus Plc. also undertakes the manufacture of these units, under a specific agreement with the client.

In order to achieve sufficient output and accuracy the Customer needs to continuously ensure adequate material quantity in the pre-storage.

The summary table below can also help in selecting the appropriate bagging scale, in addition to the scale type MP-ZBG:

Variety of products:

Nr.	Type	Weighing limit (kg)	Output (bag/hour)	Product to be fed	Installation height (mm)	Measurement principl	Feeder
1	MP-ZBCS	5-20 10-50	110-140	non-clinging milled	2400 2530	gross	auger
2	MP-ZNG	5-20 10-50	200-250	grainy, non-clinging (0,5-5 mm)	2850 3150	nett	gravity
3	MP-ZNCS	5-20 10-50	150-200	non-clinging milled	3200 3500	nett	auger
4	MP-ZBV	1-10 10-50	100-120	grainy, non-clinging (1-50 mm)	2500 2600	gross	vibration
5	MP-ZNV	1-10 10-50	150-200	grainy, non-clinging (1-50 mm)	2900 3100	nett	vibration

We also undertake the manufacturing of accessories necessary for bagging scales (bag conveyor belts, sewing machines and other modes of conveyance.).

Comment:

- In the picture scale type MP-ZBG-50 can be seen, with access board, pre-storage unit, conveyor belt, sewing machine and suspension unit.
- The scale can also be manufactured in auger-auger, auger-cell or cell-cell finish, equipped with coarse/fine feeder, depending on the characteristics of the feeding material.
- Looking forward to your enquiry comprising of the output requirement, bag weight, accuracy, weighing limit, bag size, as well as characteristics of the material to be filled, such as grain size, mass per volume or other characteristics.