



# ILERFIL ABG/ABT

OPEN MOUTH BAGGING SYSTEM FOR GRANULAR PRODUCTS

The ILERFIL ABG/ABT bagging unit features an electronic weighing controller incorporated in the chassis itself.

## ILERPES\_ WEIGHING CONTROLLER

Designed for easy and intuitive use.

Provides 5,000 certified scale divisions to offer maximum accuracy.

The controller/operator interface is via a keyboard and an alphanumeric display.



## APPLICATIONS

Agro-feed\_  
cereals  
fodder  
seeds  
vitamin correction  
weed killers

Food products\_  
cocoa powder  
flour  
ingredients  
pulses  
sugar

Chemical & Petrochemical\_  
fertilizers  
plastic pellets  
PVC

Building\_  
cements  
mortars & premixes

Mininig\_  
carbonates  
plaster  
salt  
talc

Recycling\_  
compost  
rubber tire  
wood pellets

## BAGGING MOUTH

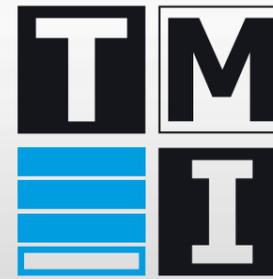
The bagging mouth features pneumatic clamps.

Pedal operated.

The clamp pressure is adjusted automatically in two cycles:

\_Low pressure: when the empty bag is placed in the clamps, to provide security for the operator in the case of being trapped, in accordance with applicable machine safety regulations.

\_High pressure: once the dosing cycle had been started (by pressing ON), since it must bear the weight of the fed product.



bagging & palletizing



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FOR GRANULAR PRODUCTS

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whole bagging lines  
own design and manufacturing



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## OPEN MOUTH BAGGING SYSTEM FOR GRANULAR PRODUCTS

ILERFIL ABG/ABT bagging units are designed to provide a solution for those **seeking accurate, speedy bagging** from a **compact installation** at a **minimal investment cost**.

The design process has taken into account the range of issues faced by industrial packaging lines.

### SOLUTIONS

#### No product remains

The mechanical design of the ILERFIL bagger units does not allow product to be deposited on any part or in any corner, thereby ensuring that there are no remains or possible product contamination, especially for food and agro-food industries. However, the machine still incorporates access doors and inspection and cleaning hatches.

#### Extraction fan connection

Connected to the filter, to provide an additional guarantee of a dust-free working environment.

#### Precision weighing

In today's industries, margins have been cut to the bone, so it is unthinkable for them to work with systems that cannot guarantee optimal filling precision to avoid complaints or "losses" of product. The bagging unit's compact design allows for a reduction in the product feed column. The latest-generation electronic weighing controller works to up to 5,000 scale divisions. The combination of these two factors guarantees optimal precision in the final weighing of the product inside the bag.

#### Ease of use

The ILERFIL's simplicity means that it can be used by operators without any special technical training. Users can start up the machine themselves by following the supplied manual without having to pay for the presence of a specialist technician.

#### Simple to install

The bagging unit is screwed directly to the hopper or silo and requires no support structure or platform, thereby optimising your investment in the bagging line.

Every product to be bagged requires its own specific treatment to prevent breakages, causing dust, clumping, leaking, etc.

ILERFIL includes different DOSING SYSTEMS:



### ILERFIL ABG

#### Gravity-fed dosing system

Suitable for **regular-flow granulated products** with a grain size of up to 10 mm.

#### Common applications\_

- seeds
- sugar
- granulated fertiliser
- dry salt, etc.

Incorporates a pneumatically driven flow regulator clamp.

Allows for 3 working positions for completion of the dosing cycle: during fast-filling, it allows for the product to flow freely. During fine-tuning the clamp is half-closed to the feeding of the product.

Once fine-tuning has been completed, the clamp moves to completely close off the flow of the product.

**This optimises production and accuracy.**

### ILERFIL ABT

#### Dosing via conveyor belt

Model designed for handling **irregular-flow products** or those with a grain size of more than 10 mm.

#### Common applications\_

- extruded and meal animal feed
- wood pellets
- wet salt
- products in flake form, etc.

Incorporates a VSD-driven conveyor belt, above which is a flow regulator hatch.

A cutting gate is located at the end of the belt, at the bottom, so as not to damage the product.

During fast feeding, the belt moves quickly and the hatch is in the up position, allowing for a high product flow. During fine-tuning, the belt's speed is reduced and the hatch is lowered, to reduce the product flow, but still allowing the full useful width of the belt to be employed.

**Clumping is prevented and a smooth flow of the product is guaranteed, even though the product grain may be irregular.**

