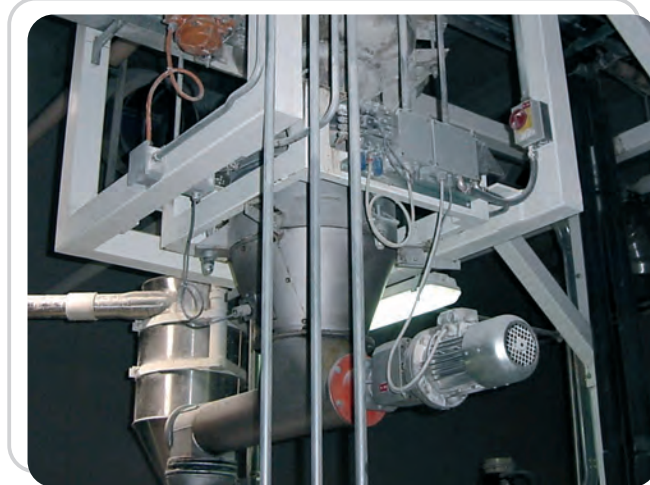
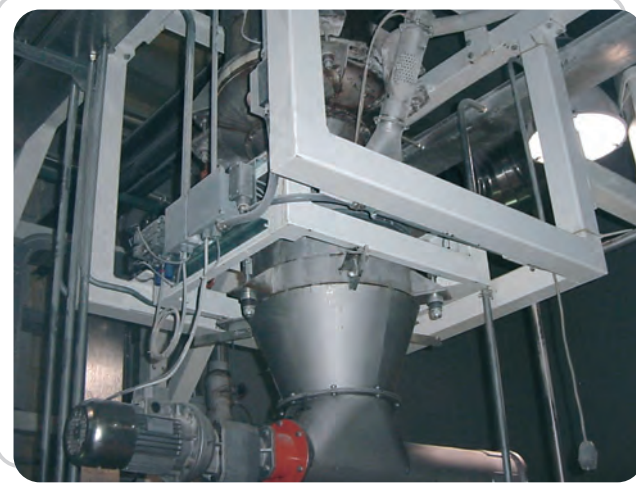
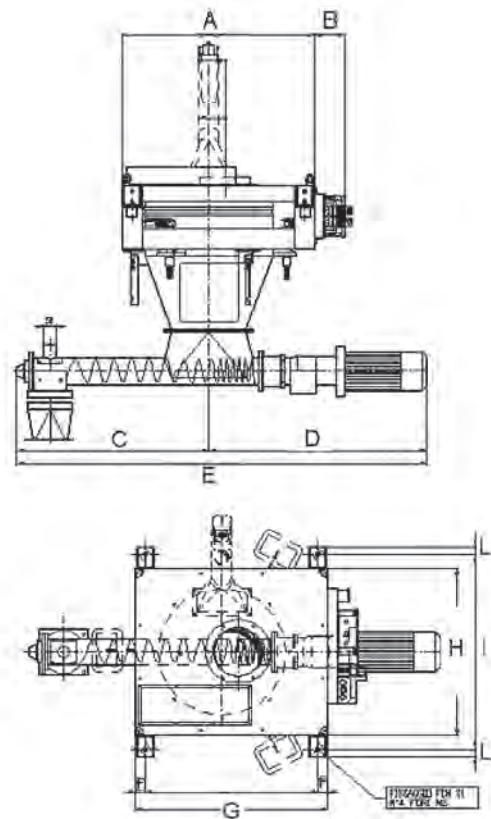


## Electronic Loss-In-Weight Weigher for SEMOLINA dosing



Dimensions in mm

	A	B	C	D	E	F	G	H	I	L
FCM S1	772	120	770	874	1644	40	692	668	778	30
FCM S2	772	120	781	874	1655	40	692	668	778	30

	Min Capacity	Max Capacity	Weighing hopper volume	Installed power (kW)	Air consumption at 6 Bar (Max) NI/min	Aspiration Required
FCM S1A	200 kg/h	950 kg/h	90 Liters	0,55	11	4 m <sup>3</sup> /min
FCM S1B	400 kg/h	1900 kg/h	90 Liters	0,55	11	4 m <sup>3</sup> /min
FCM S2A	800 kg/h	3300 kg/h	90 Liters	0,55	11	4 m <sup>3</sup> /min
FCM S2B	1400 kg/h	4300 kg/h	90 Liters	0,55	11	4 m <sup>3</sup> /min

Technical features of the equipment can be modified without any obligation of notice.  
Data may be not fully in accordance with market version.

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**FCMS**

**BLENDING**  
WEIGHING / DOSING



**FCMS**

Electronic Loss-In-Weight Weigher  
for accurate Semolina dosing on top of pasta lines

**FCMS**

effegielle



**effegielle** s.r.l.  
**imeco**  
automazioni

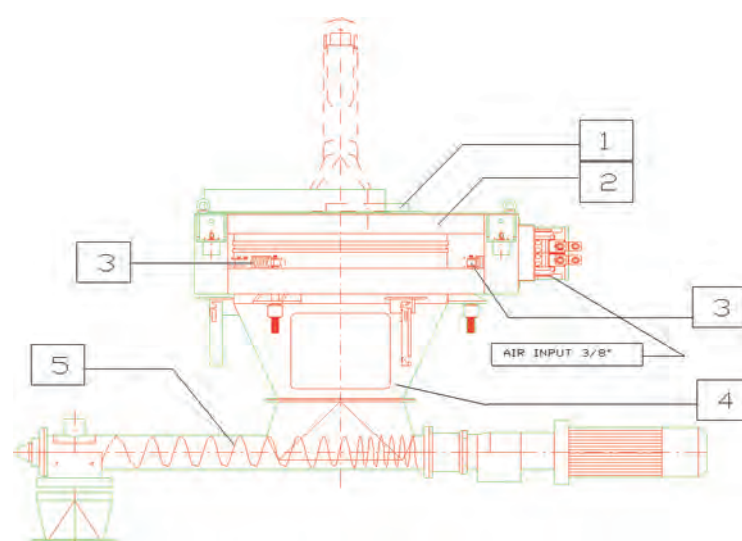


## CONCEPTION

The electronic loss-in-weight weigher Mod. FCMS is essentially composed of:

1	Feeding system (slide gate)
2	Support frame
3	Load cells
4	Weighing hopper
5	Extracting screw

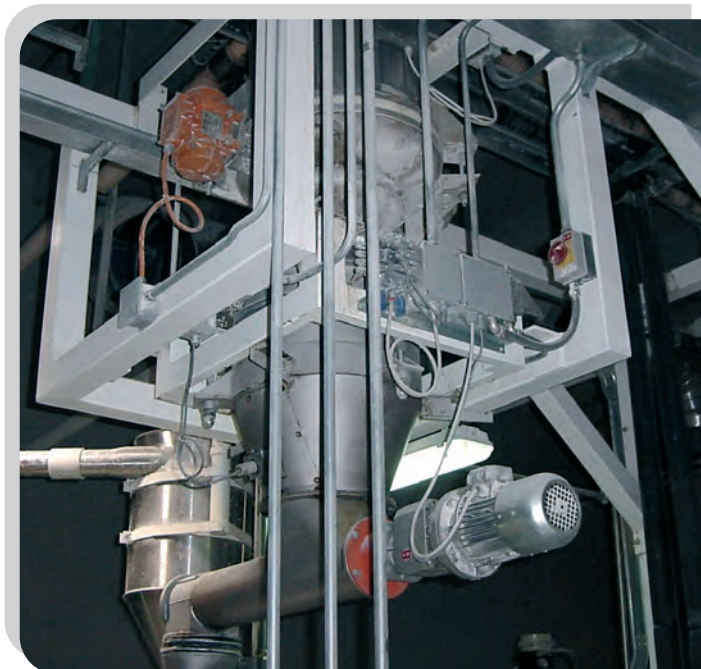
The machine is supplied with electrical panel complete with INVERTER and microcomputer.



## PURPOSE OF THE MACHINE

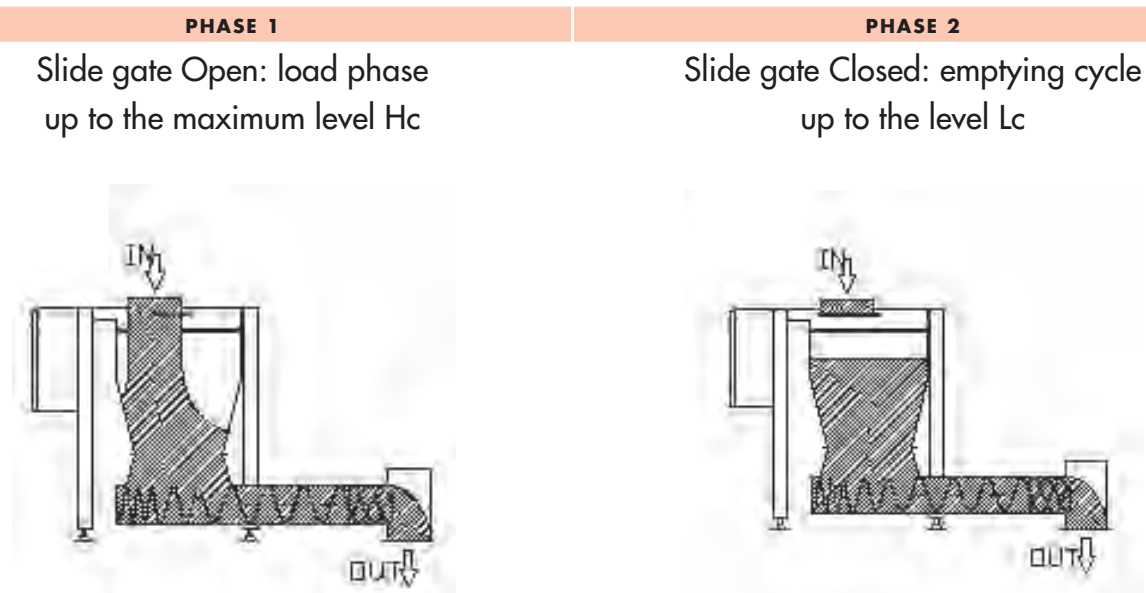
The FCMS is a loss in weight weigher. The FCMS has been designed to accurate dose SEMOLINA on top a pasta line.

The main features requested in this application are the precision and accuracy of the capacity supplied (to guarantee a perfect and consistent blending): for this reason, the FCMS executes an automatic control and regulation on the capacity.



## OPERATION PRINCIPLE

The working of the machine is based on a direct proportionality between the output capacity and the speed of the extraction screw.



During the only-discharge phase, when the feeding slide gate is closed, the machine control microcomputer, through weight readings on the load cells and time measurements between a reading and another, calculates the actual capacity at discharge and performs the necessary movements on the discharge device (AUGER) to set the actual capacity value equal to the required capacity value.

## ACCURACY & RELIABILITY



The careful design, the use of THREE load cells and a sophisticated electronics on board, assure high precision and reliability.