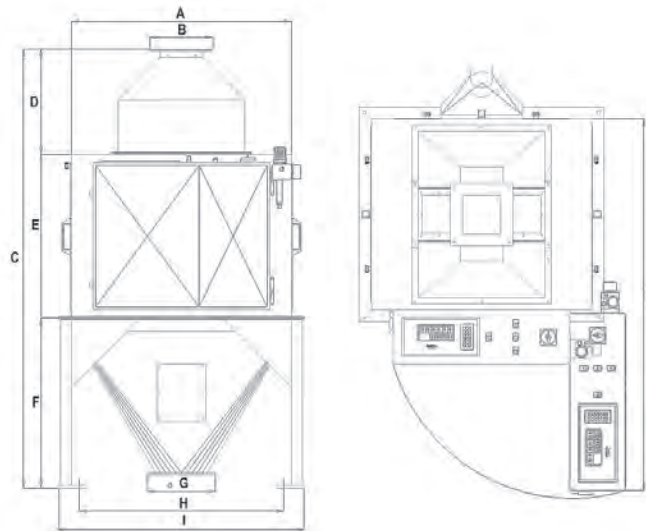


## Electronic weigher with twin measuring hopper



	A	B	C	D	E	F	G	H	I	L
CSE 2	400	110	702	155	300	247	140	400	450	-
CSE 5	500	140	946	196	400	350	180	500	560	-
CSE 10	670	200	1286	307	479	500	220	628	768	1347
CSE 20	670	200	1341	307	534	500	220	628	768	1347
CSE 50	810	230	1413	388	600	625	250	750	900	1364
CSE 100	972	280	2032	462	720	850	250	892	1080	1817
CSE 200	1170	304	2509	584	905	1020	300	1039	1329	2256

	Capacity	Hopper Volume	Cycles/h	Air consumption NI / cycle ( 6 bar)	Installed power (kw)	Weight (kg)
CSE 2	1,00 m <sup>3</sup> /h	2 x 2 liter	450	0,1	0,08	50
CSE 5	2,50 m <sup>3</sup> /h	2 x 5 liter	450	0,3	0,08	80
CSE 10	4,50 m <sup>3</sup> /h	2 x 10 liter	450	0,4	0,08	157
CSE 20	9,00 m <sup>3</sup> /h	2 x 20 liter	450	0,5	0,08	200
CSE 50	20,25 m <sup>3</sup> /h	2 x 50 liter	450	2	0,08	255
CSE 100	45,00 m <sup>3</sup> /h	2 x 100 liter	450	4,6	0,08	344
CSE 200	90,00 m <sup>3</sup> /h	2 x 200 liter	450	11	0,08	450

TECHNICAL FEATURES OF THE EQUIPMENT CAN BE MODIFIED WITHOUT ANY OBLIGATION OF NOTICE. DATA MAY BE NOT FULLY IN ACCORDANCE WITH MARKET VERSIONS.

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



Via Amedeo Tonani, 4/b  
26030 Malagnino - Cremona - Italia

Tel. + 39.0372.49.68.26  
Fax +39.0372.49.68.47

info@imeco.org www.imeco.org

**CSE**

**YIELD MANAGEMENT  
WEIGHING**



**CSE**

Electronic weigher with twin measuring hopper

**CSE**

effegielle

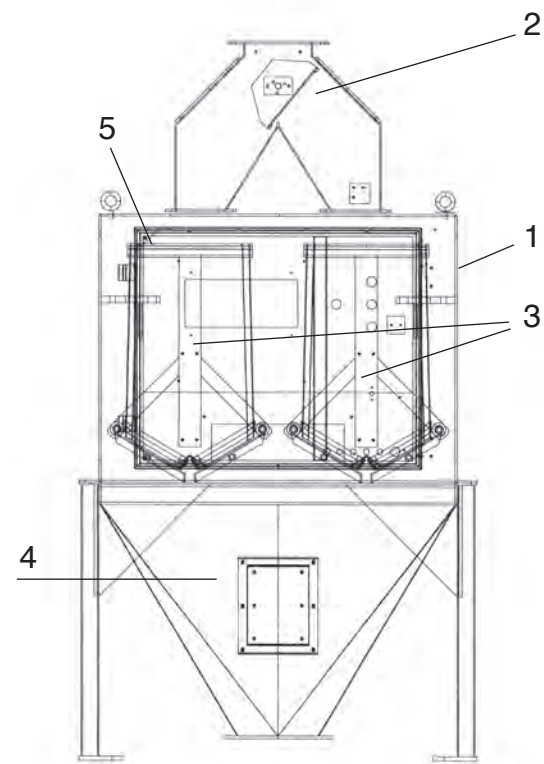


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## CONCEPTION

The electronic weigher mod. CSE is essentially composed of:



- 1** Support frame
- 2** pneumatically operated switch feeder to convey the incoming product to the two weighing hoppers, alternately.
- 3** two weighing hoppers, each hanging on two off-center load cells
- 4** Discharge hopper
- 5** microcomputer contained in an electric operator panel on machine, that controls all functions and is equipped with CL serial port

## MACHINE PURPOSE

The CSE is intended to measure free flowing granular and floury products.

A typical use of them is the production control inside a milling plant as well as in the receiving (intake) and load-out sections application.

The CSE can be used for monitor (version /DV) and the regulation of product flow (version /DS).

**The innovative feeding design, of the CSE /DV model, allows to eliminate the in-feed surge hopper**



## OPERATING PRINCIPLE



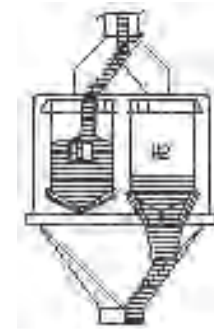
**PHASE 1**

Hopper 1: Waiting  
Hopper 2: Filling



**PHASE 2**

Hopper 1: Filling  
Hopper 2: Batch acquisition



**PHASE 3**

Hopper 1: Filling  
Hopper 2: Discharging



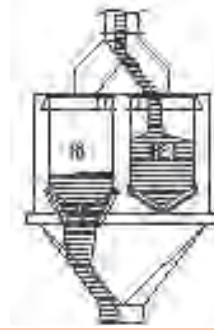
**PHASE 4**

Hopper 1: Filling  
Hopper 2: Waiting



**PHASE 5**

Hopper 1: Batch acquisition  
Hopper 2: Filling



**PHASE 6**

Hopper 1 : Discharging  
Hopper 2 : Filling

## ACCURACY & RELIABILITY

The careful design, the use of two load cells type OFF CENTER for each hopper and a sophisticated electronics on board, assure high precision and reliability.

Each CSE model is also equipped with FRL unit (Air pressure regulation and lubrication unit) and a pressure switch.

