

DS71 AND SC SYSTEM

ACCESSORIES FOR CAPSULE FILLERS

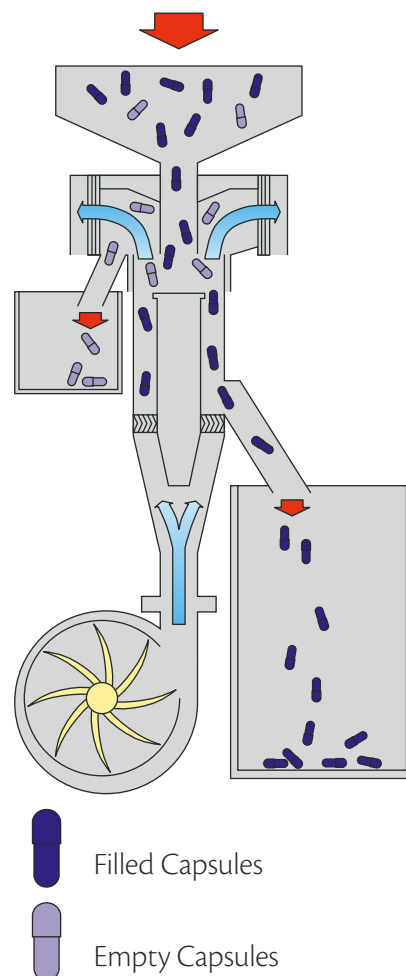


DS71 CAPSULE SELECTION UNIT

THE DS71 IS A HIGH-SPEED UNIT TO SELECT THE CAPSULES COMING FROM THE CAPSULE FILLERS.

Function of this unit is to separate the correctly filled capsules from the empty or almost empty ones that are unsuitable for the subsequent packaging into blisters, strips, vials...

One more important function of the DS71 unit is to remove dust, if any, from capsule outer surface.



The DS71 operation cycle consists, initially, in the direct introduction of the capsules coming from the capsule fillers into the feeding hopper and then the selection of the correctly filled capsules.

These are separated from the empty ones by means of a filtered air jet. The empty or almost empty capsules are ejected from the cylindrical duct through the upper opening and collected in a special container.

The correctly filled capsules exit through the lower opening of the cylindrical duct in order to be conveyed, via a chute, into the relevant container.

The DS71 unit is entirely made of stainless steel (parts in contact with the product and outer guards) so as to ensure that the handled product is not damaged.

The DS71 unit is adjustable in height and can handle the whole capsule size range: it is enough to adjust the air supply by acting on the relevant speed variator; the latter is provided with a digital, red led indicator, that shows the air flow required for capsule selection in percentage, from 0 to 100%.

In this way, it is possible to regulate the feeding speed with visual monitoring of the performed adjustment (depending on capsule size/weight).

SC SYSTEM CAPSULE SELECTION AND FEEDING



THE SC CAPSULE FEEDING AND SELECTION DEVICES, AUTOMATICALLY SELECT ANY CRUSHED OR OVALIZED CAPSULE, AND THEN FEED THEM INTO THE CAPSULE FILLING MACHINES MAIN HOPPER.

The system consists of a capsule container, placed near the filling machine, provided with a continuous rotating wheel with a series of calibrated holes, so that only perfect capsules can pass through, while crushed, ovalized and bigger capsules are held back by the holes themselves. After the selection, capsules are fed to the machine hopper by means of an uplifting belt (SC 1000/1600). In case of feeding from an upper technical floor capsules transfer to the machine hopper is by gravity (SC 500/600).

The selecting wheel is changed according to the capsule size: the replacement can be carried out by the machine operator easily and quickly.

Thanks to their high capacity of feeding capsules the SC devices are particularly suitable to be connected with high speed capsule filling machines of the IMATIC series. By eliminating faulty capsules, this system prevents the machine from stopping and ensures higher productivity.

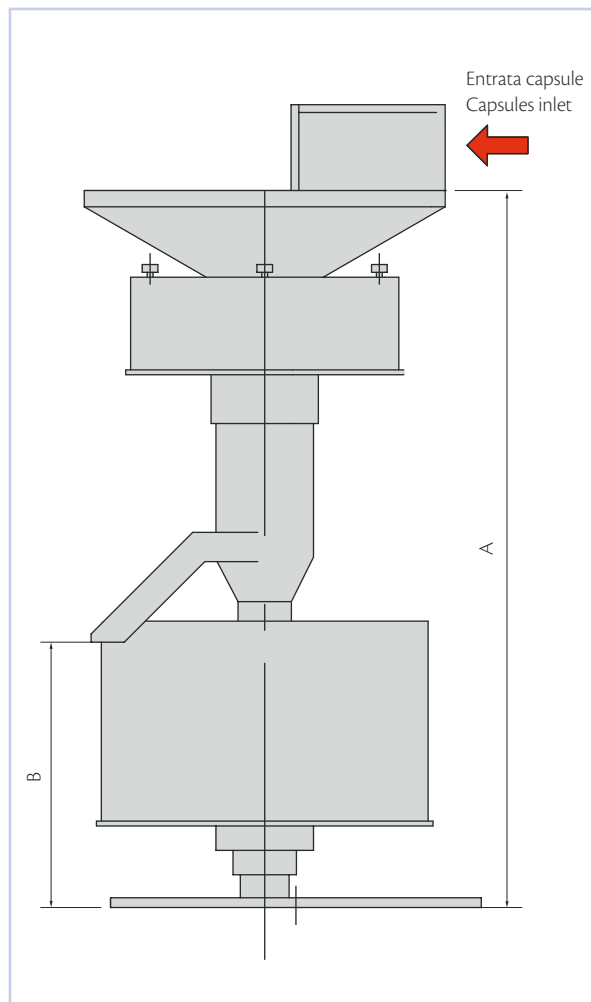
The SC devices, even if designed to be a stand-alone unit, automatically stop and restart when the capsule minimum load level is reached inside the filling machine hopper.



DS71 AND SC SYSTEM TECHNICAL DATA

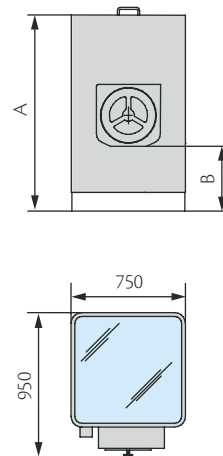
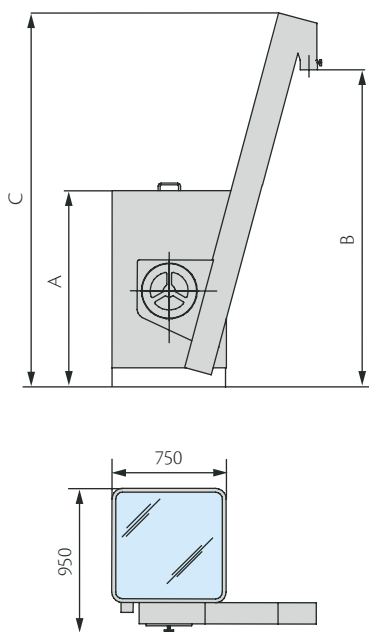
DS71

SC SYSTEM



SC1000 - SC1600

SC500 - SC600



MODEL DS71	
A - Height of the inlet (mm)	753 - 1,035
B - Height of the outlet (mm)	270 - 570
Maximum output (capsules/hour)	160,000
Net weight (kg)	23
Absorbed power (W)	90
Electric system	Single-phase 220 V 50-60 Hz

Fan driving motor: with outer rotor, single-phase, without brushes (no maintenance) - speed adjustable from 0 to 100%.

MODEL	SC 500	SC 1000	SC 600	SC 1600
Maximum output (capsules/hour)	130,000 for sizes 000, 00, 0L, 1L 150,000 for sizes 1, 2, 3, 4, 5, Supro		200,000 for sizes 000, 00, 0L, 1L 230,000 for sizes 1, 2, 3, 4, 5, Supro	
Net weight (kg)	185	265	200	290
Container capacity (lt)	190 (=approximate 100,000 caps. Size 0)		270 (=approximate 150,000 caps. Size 0)	
A - Height at load level (mm)	1,100 ~ 1,150		1,290 ~ 1,240	
B - Capsule outlet height (mm)	375 ~ 425	2,200 ~ 2,250	375 ~ 425	2,200 ~ 2,250
C - Overall height (mm)	-	2,450 ~ 2,500	-	2,450 ~ 2,500

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