

DS71 AND SC SYSTEM

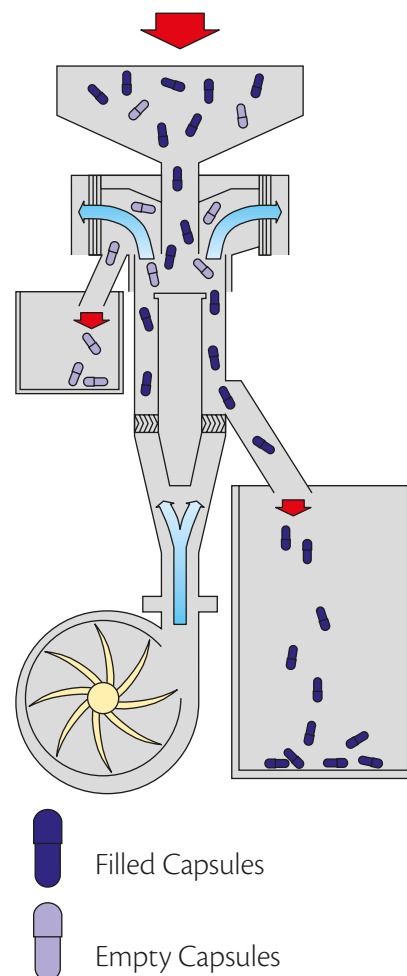
ACCESSORIES FOR CAPSULE FILLERS



DS71 CAPSULE SELECTION UNIT

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

The function of this unit is to separate the correctly-filled capsules from the empty or almost empty ones that are unsuitable for subsequent packaging into blisters, strips, vials...
Another important function of the DS71 unit is the removal of dust, if any, from the outer surface of the capsule.



The DS71 operation cycle consists, initially, of 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 has a digital red led indicator that shows the air flow required for capsule selection in percentage, from 0 to 100%.

In this way, the feeding speed can be regulated with visual monitoring of the adjustment made (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 MACHINE'S MAIN HOPPER.

The system consists of a capsule container, placed near the filling machine and fitted 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 1600) or blow of air (SC 1600S). In the case of feeding from an upper technical floor, capsules are transferred to the machine hopper by gravity (SC 600). The selecting wheel is changed according to the capsule size: their placement can be carried out quickly and easily by the machine operator.

Thanks to their high capsule-feeding the SC devices are particularly suitable for connection with high speed capsule-filling machines. By eliminating faulty capsules, this system prevents the machine from stopping and ensures higher productivity.

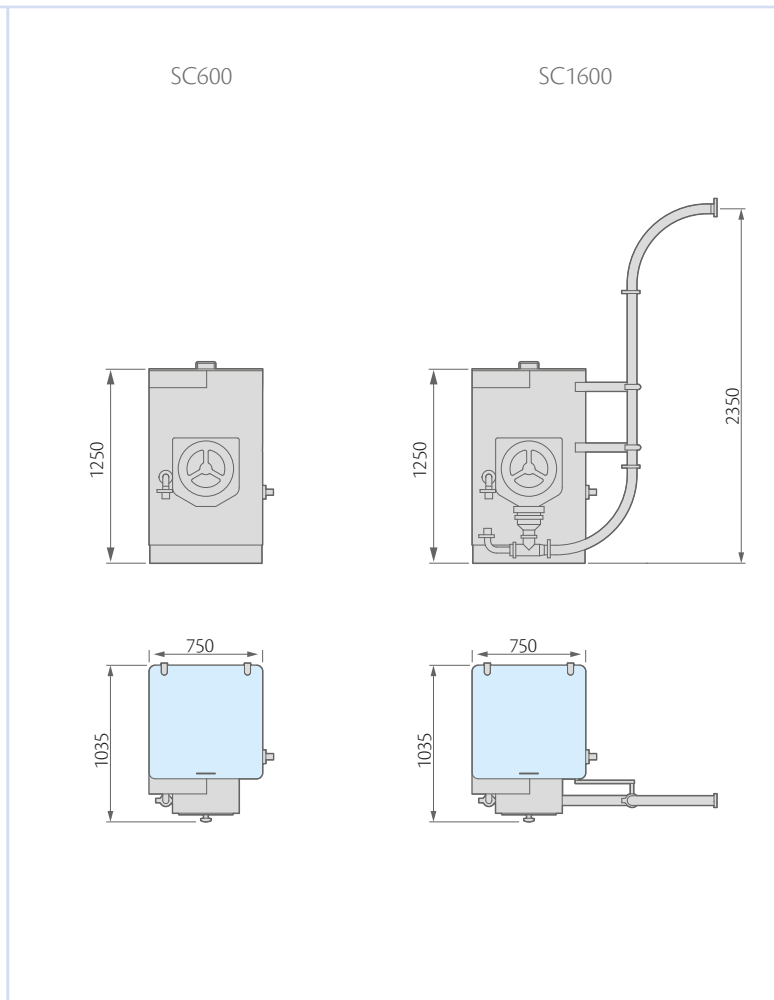
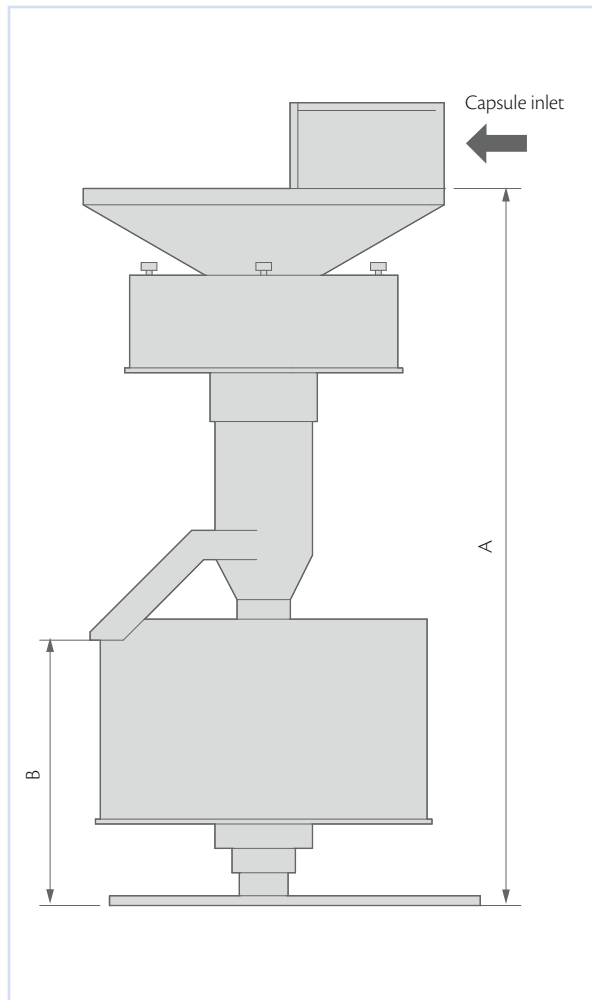
The SC devices, even if designed to be a stand-alone unit, automatically stop and restart when the capsule minimum load level is reached inside the filling machine hopper.



TECHNICAL DATA

DS71

SC SYSTEM



Model	DS71
A - Height of the inlet (mm)	753 – 1,035
B - Height of the outlet (mm)	270 – 570
Product speed	160,000 capsule/hour maximum
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 600	SC 1600
Production (cps/h)	200,000 for sizes 000, 00, 0L, 1L 230,000 for sizes 1, 2, 3, 4, 5, Supro	
Net weight (kg)	200	290
Container capacity (l)	270 (= approximate 150,000 caps. Size 0)	
Height at load level (mm)	1,250	
Capsule outlet height (mm)	469	2,350



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