

ALAN P4 SINT (general view)

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Four-scale automatic machine with a continuous injection system for forced filling of padded items of clothing with the amount of polyester fibre balls required, which is accurately weighed out by the unit scales.

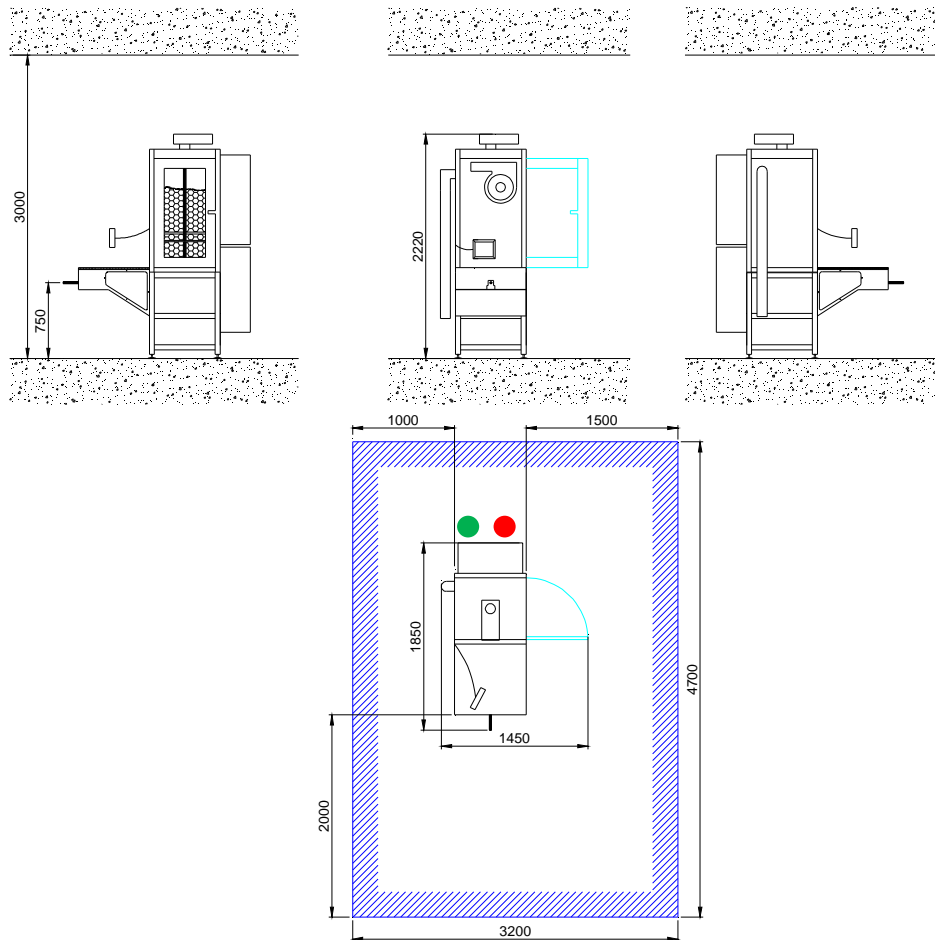
ALAN P4 SINT is designed for “Down Alternatives” in the clothing sector, that is to say the use of Fiberballs as an alternative in the padding of jackets where the filling must be accurately weighed and distributed evenly in the channels to be filled. ALAN P4 SINT has a special injection system that produces a constant flow of fibre for each filling operation so that the channel is filled evenly and continuously.

This injection system eliminates the manual operation of beating clothing items in order to distribute the fibre evenly, which means that this new machinery has the advantage of greatly reducing production times and distributing the fibre more evenly than the conventional method.

Our new system is ideal for anyone seeking alternatives to down/feather fill without losing the padding characteristics of the natural









Weights

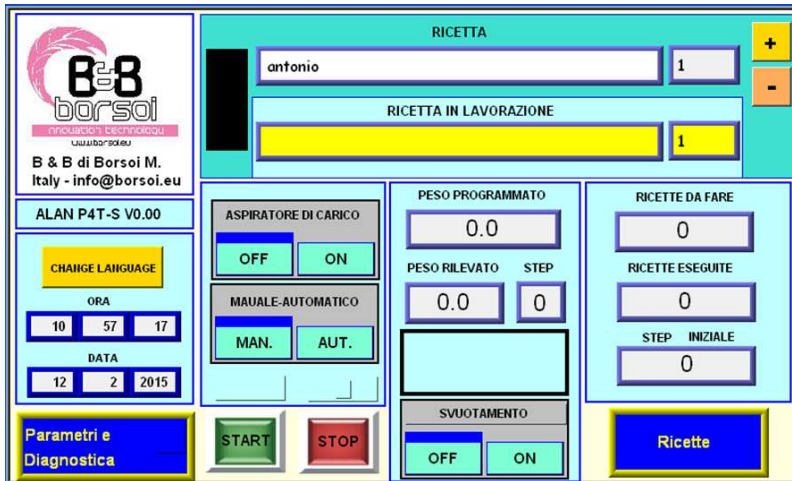
Total machine Weight

430 Kg

Description	Abb.	Size
Minimum length of installation area	Lu min.	4700 mm
Minimum width of installation area	La min.	3200 mm
Minimum height of installation area	H min.	3000 mm
Length of machine	Lu max.	1850 mm
width of machine	La max.	1450 mm
Height of machine	H max.	2220 mm
Height of worktop	H lav.	750 mm
Socket		Quick Hitch
Air intake		

PARTS DESCRIPTION

Workstation – Main Page



Recipe setting

From the workstation is defined the cycle of weighing, that is the Recipe. The Recipe is the sequence of fillings that the machine will run automatically. Once nominated these three parameters, we will proceed to compose the individual fillings defining the sequence and the amount of feather.

Example of clothing item filled



Machine version - Injector

There are two kind of injector. One is small (\varnothing 14,5 mm) and other one is bigger (\varnothing 18,5 mm). So, there are two machines versions and every machine version has specific technical different. See below these.

Machine	Injector (\varnothing)	Filling material	Max. Filling	Min. Channel Height
Version 18.5	18,5 mm	FiberBall synthetic fiber and Down	<ul style="list-style-type: none"> with FiberBall: 8 g with Piumino: 5 g 	35 mm
Version 14.5	14,5 mm	FiberBall synthetic fiber	<ul style="list-style-type: none"> with FiberBall: 4 g 	25 mm

Modello	ALAN P4 SINT
Description	Four-scale automatic machine with a continuous injection system for forced filling of padded items of clothing with the amount of polyester fibre balls required, which is accurately weighed out by the unit scales.
Fillings	see chart above
Productivity	Max 400 fillings/h (*)
Storage box capacity	0,4 m³
Scales	4
Injection System	By push
Optional	SGR 114 Management Recipe System
Certification	CE declaration of conformity

(*)There is a variability in referring in this value reported. The productivity can vary from 330 to 400 fillings/h accordingly to the kind of filling (amount of fiber per every filing).

Electric energy	
Energy voltage of electrical equipment	1/N/230 V CA – 16 A +/- 10%
Supply voltage	50 Hz
Energy voltage of auxiliary circuits	24 V CC – 5 A +/- 10%



Electric energy consumption	
Power	<i>ca. 2 kW</i>

Compressed air	
Operating Pressure	<i>0,6 MPa (6 bar)</i>

Compressed air consumption	
consumption	<i>400 NL/min</i>