KEEPING YOUR FILLED PRODUCTS ON THE LEAD

Rev.00 – Feb 2018

TECHNICAL DATASHEET

Main specs	Unit	ALAN PILLOW A0402
Weighting box capacity	Lt	310
Max filling weight per shot	gr	From 5
Storage box capacity	m³	10,8
N. of weighting scales	#	4
Working / Filling position(s)	#	2
Injection system	-	injection by air
Injection tube diameter	Mm	156x67
Max machine output (4)	Fillings / h	900
Filling weight accuracy	gr	Up to 1 (2-3% of the total weight)
Technical data		
Voltage	V	400 V ± 10%
Auxiliary circuit supply voltage	V	24 V ± 10%
Phase(s)	-	3Ph+N+G
Frequency	Hz	50
Installed Power	Kw	14 – 40 A
Power consumption (1)	Kw	9,3
Air pressure	bar	8
Working pressure	bar	6
Max air consumption (2)	Lt / min	50
Air consumption (3)	Lt / min	70
Noise	dB	<70
Weight	Kg	4500
Dimensions	cm	300x500x(h)430
Color		RAL 7035
Environmental Conditions		
Altitude a.s.l.	m	<1000
Internal temperature max.	°C	35
Internal temperature min.	°C	5
Non-condensing humidity min	%	20
Non-condensing humidity max	%	90
Ideal temperature for working (for down)	°C	1
Ideal humidity (for down)	%	60-65
Service air specs		
Standard quality reference		Using ISO 8573-1 standard quality
Particles		Quality class 3
Water / Humidity		Quality class 4
Oil		Quality class 3
Technical Standard		
Machinery compliant to Directive		2006/42/CE
Equipment certification		CE
Low voltage Directive		2014/35/UE or equivalent UL/CSA norms
Electromagnetic Compatibility Directive		2014/30/UE or equivalent UL/CSA norms
Components		
Electrical components		SIEMENS / TOSHIBA / SCHNEIDER
PLC/PC		BECHKOFF
Weighting scale		HBM
Electric motor		MT Motori Elettrici (Italy)

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Pneumatic components		SMC

Legend	
1	Based on normal working conditions. It depends on production output and material consumption
2	It is required only when air booster is activated continuously. The air booster is a special device installed on the machine for applying a 6-bar air directly to the injection nozzle in order to speed up, moving heavy filling materials or cleaning pipes at the end of the batch. In standard working condition is not used
3	This is the average air consumption (from 15 Lt/min to 25 Lt/ min) in normal working conditions. It depends by the injection time (and so by the filling dose weight) per every single filling. The overall machine consumption shall be obtained by multiply this number by the number of fillings (per minute or per hour)
4	The system output depends on filling weight, filling tolerance, on the filling material type and quality, comforter fabric type and quality, environmental conditions (relative humidity and temperature), electrostatic charge, production procedure and operator skills. To be confirmed after the above-mentioned factor confirmation Real output depends on operator time for moving the jacket frame from channel to channel
a	Indicative value for synthetic fibers
b	Indicative value for down feather (80/20)