

Bonding System with conveyor belt-chain cm.120x220 and dryer

Item **A4.2**

Automatic bonding system, equipped with a 60 cm insulated drying tunnel with internal circulation of air to minimize the consumption; spray gun model G9 with jet adjustable from a cone shape of 15 mm up to 200 mm, modular conveyor belt 220 cm with chain, Teflon stainless steel adhesive tank suitable for 5 Kg and 10 kg bags, aspiration equipped with a powerful aspiration motor with automatic air control system which increases and decreases the force of suction depending on the cleaning level of the filter. It is also possible to add a second aspirator. On request, it is possible to add a second spray gun on the axle in order to use different kind of adhesives and or one or more manual spray guns. After the new changes the air outlet is now directly upwards.



The operator places the materials on the padded carpet of the conveyor belt which automatically brings the materials under the spray gun where the adhesive is applied in a uniform way. Afterwards the materials go inside the drying tunnel for quick drying of the adhesive under any climatic condition. At the tunnel exit the materials are ready to be coupled. Thanks to this system, the materials are not displaced so there are no idle times due to the manual management of these working phases. The aspiration system has been designed to prevent even the lightest materials from moving due to the air coming out from the spray gun. Thus, it guarantees the total absence of fine dust particles of adhesive around the machine. The conveyor belt with chain guarantees an efficient moving process even when the filter becomes heavier due to the adhesive being filtered. This perfect temperature control inside the oven results in reduction of drying times and therefore, we have managed to design a machine of reduced length resulting in less space occupied by the machine in the working area.

Technical Data:

29/07/2022

Capaciy m3/h: 3800	Volt: 400	Pressure head: 1200	Air (lt/min): 180-200	Bar: 7
Decibel: 78	Watt: 5000	Hertz: 50-60	Ampere: 15	Average Consumption:
Gross Weight: 460	Tare (kg): 20	Lenght (mt): 2,3	Height (mt): 2	Volume (m3): 0
Net Weight: 440		Width: 1,7	Working surface (cm): 120 x 220	