



MACHINE SPECIALI SRL

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ProPApp New PTFE Production Process for High Value Applications **PREFORM PRESS**

The preform press is the machine that allows to prepare the preform with the suitable caliber to the next extruder. The mixed powder is loaded in the preformer that, thanks to two pneumatic cylinders with stroke 2000 mm x caliber 160 mm allow to obtain a conformation pressure around 3 bars. The software allows to control the speed, pressure and resultant consistency of the preform which is to be remote from the extrusion pressure to avoid that the material begins to bind itself at this stage. To obtain a compacted preform without air, in order to avoid defects in the subsequent extrusion phase, it has been mounted a vacuum pump which, related to special stainless steel filters, allows the intake of air excess but not of the material .



PREFORM PRESS



VACUUM PUMP

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