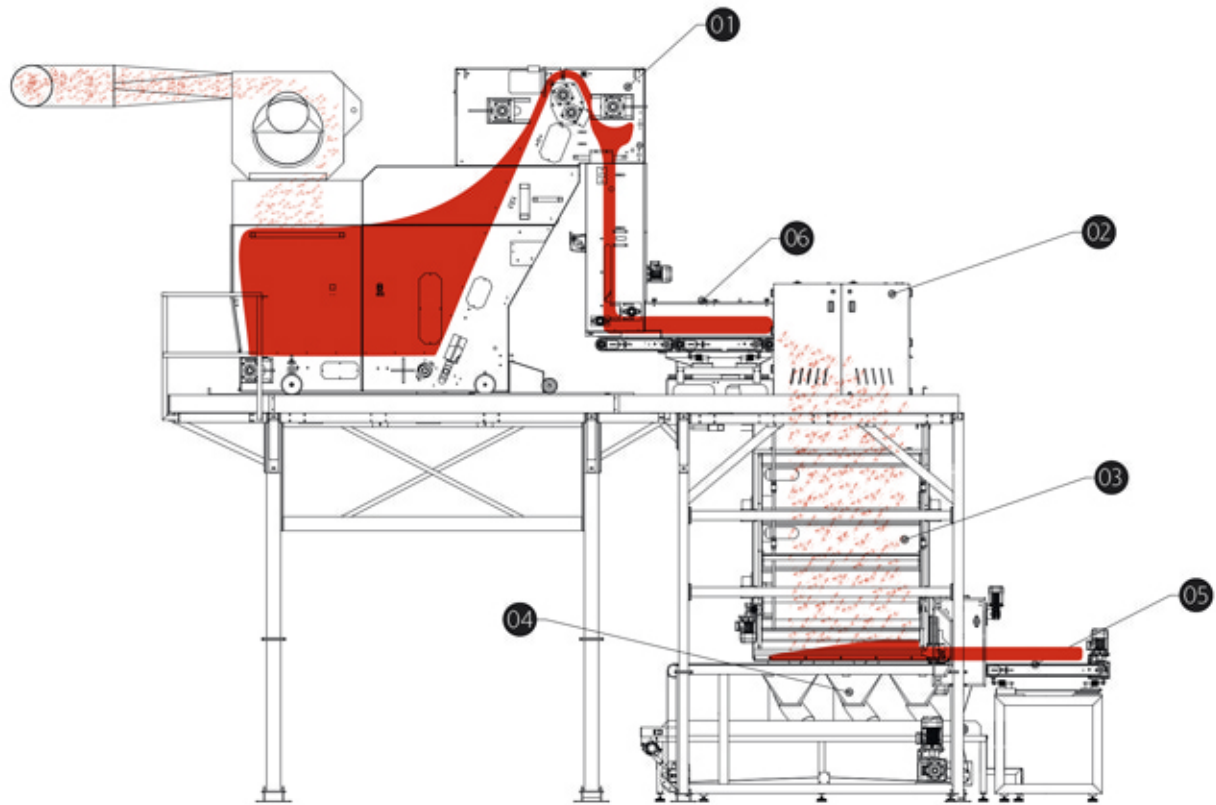


lap formair H/水平式铺层系统

process flow/工艺流程



THE FIBER IS PNEUMATICALLY CONVEYED TO THE FEEDING SECTION CONSISTING OF AN VOLUMETRIC FEEDER (01) WHERE A FIBER BATT IS EVENLY FORMED ACROSS THE WORKING WIDTH OF THE MACHINE. THE MATERIAL PROCEEDS THROUGH THE OPENING SECTION (02) AND IS FED TO THE FORMING CHAMBER (03) WHERE THE COMBINATION OF A SERIES OF DISTRIBUTING ROLLERS AND THE VACUUM BELOW THE PERFORATED BELT (04) AT THE BOTTOM OF THE CHAMBER GUARANTEES AN EVEN DISTRIBUTION OF THE FIBERS AND A PERFECTLY HORIZONTAL STRATIFICATION. CONTINUOUS WEIGHING SYSTEMS (05) AND (06) INSTALLED BEFORE AND AFTER THE FORMING CHAMBER ALLOW A PERFECT CONTROL OF THE DENSITY OF THE FINAL PRODUCT, READY FOR THE FOLLOWING THERMAL OR MECHANICAL BONDING SECTION

纤维原料被气流传递到一个容量式喂料机(01),在那里形成一个跨越整个设备工作宽度的均匀纤维层.原料由开松机构(02)加工后喂入铺层机构(03),物料在铺层机构内受到一系列特殊设计的分散罗拉和透空式铺层帘(04)真空吸力的共同作用,均匀地以水平排列形式分布到铺层帘上.连续式称重机构(05)和(06)安装在铺层机构之前和之后,根据后续热熔粘合或针刺粘合的产品规格,它们精确控制最终成品的密度

WORKING WIDTH: FROM 1000 TO 4000 MM
(OTHER OPTIONS AVAILABLE ON REQUEST)

工作幅宽: 1000毫米 - 4000毫米
(可以提供其它规格)

PRODUCTION CAPACITY UP TO 500 KG/H PER METER WIDE

生产能力: 最高500公斤/小时/每米宽度

PRODUCT WEIGHT RANGE: FROM 100 TO OVER 3000 G/M²,
DEPENDING ON THE MATERIAL PROCESSED

产品重量范围: 100克 - 3000克/平米,
取决于在制原料规格

FINAL PRODUCT THICKNESS UP TO 200 MM
(OTHER OPTIONS AVAILABLE ON REQUEST)

最终产品厚度: 最后可达200毫米
(可以提供其它厚度)

FIBER LENGTH RANGE: FROM 1 TO 60 MM
(OTHER OPTIONS AVAILABLE ON REQUEST)

原料纤维长度范围: 1毫米 - 60毫米
(可以提供其它选择)

MAXIMUM DENSITY DEVIATION: ± 5%

最大密度偏差: ± 5%

FIBER ORIENTATION: RANDOMLY DISTRIBUTED ON HORIZONTAL LAYERS

纤维排列方向: 杂乱分散的水平排列铺层

