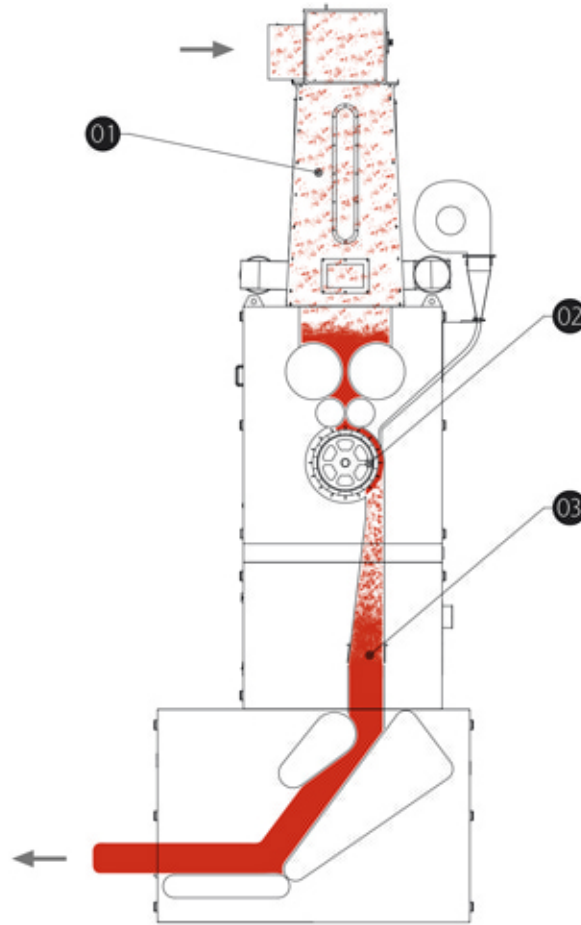


lap formair V/ 垂直式铺层系统

process flow/ 工艺流程



THE FIBER IS PNEUMATICALLY FED TO THE UPPER FORMING CHAMBER (01) WHERE IT IS CONDENSED TO FORM A FIBER BATT EVENLY DISTRIBUTED ACROSS THE WIDTH OF THE MACHINE. A SPECIAL MODULATING FEEDING SYSTEM (INTERMEDIATE FEED SILO) GUARANTEES AN EVEN AND CONSISTENT LEVEL OF MATERIAL INTO THE UPPER FORMING CHAMBER. THE MATERIAL IS THEN FED THROUGH THE OPENING SECTION (02) INTO THE LOWER FORMING CHAMBER (03) WHERE IT EVENLY STRATIFIES. THE LOWER FORMING CHAMBER IS PRESSURIZED BY MOTORFANS AND A SPECIAL CONTROLLED AND AUTOLEVELLING AIR SEPARATION SYSTEM ALLOWS TO PERFECTLY CONTROL THE FIBER DISTRIBUTION AS WELL AS THE FINAL PRODUCT DENSITY, EVEN WHEN PROCESSING HETEROGENEOUS MATERIALS

纤维原料被气流喂入到上层铺网仓(01),纤维在这里形成纤维层,均匀分布在机器宽度上。一个特殊形状的喂入系统(中间进料仓)保证纤维以均匀和稳定的状态进入上层铺网仓。原料继而通过一个开松机构(02)后进入下层铺网仓(03),在那里被均匀地以竖立方式铺层。下层铺网仓由电风机加压,一个特殊的空气控制和自调匀整分离系统,即便在处理不同性质的混料时,其可以很好地控制纤维的分布状态和最终产品密度

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 300 TO OVER 8000 G/M²,
DEPENDING ON THE MATERIAL PROCESSED

产品重量范围: 300克 - 8000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 20 TO 150 MM
(OTHER OPTIONS AVAILABLE ON REQUEST)

原料纤维长度范围: 20毫米 - 150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 VERTICAL LAYERS

纤维排列方向: 杂乱分散的垂直排列铺层

