SD**MC4**

Human dimension of technology

SDMC4

特殊铣削及钻孔机器
Milling and drilling special machine

🇨🇳 SDMC4是一个8轴工作中心，用于在鞋楦上进行特殊的钻孔和铣削周期。主轴在X、Y和Z轴上移动，而主轴则处于倾斜和旋转状态。该操作是在2对粗加工中进行的，（并最终铰接）持续，夹紧通过脚趾和脚跟支撑完成，每个循环一次在一个最后完成。这台机器装有10个工具。

由于定制的工作周期，鞋楦可以准备用于自动化生产周期或用于鞋底自动注射系统。主要过程有：

▶ 在SDF机上夹紧的"燕尾槽"支架的创建；
▶ 在正确的板定位的最后的上侧的钻井周期；
▶ 钻孔和铣削周期的最后一个方面；
▶ 侧或中部铣削周期的最后；
▶ 在模型轮廓之后的最后一个表面上铣削循环；

多亏了SLIM 4软件，可以自动保存和设置FRV文件，用于机器上的自动发射。

🇬🇧 *SDMC4 is a 8-axis working centre designed to perform special drilling and milling cycles on shoe lasts. The spindle is moved on X, Y and Z axis, while the lasts are being tilted and rotated. The operation is carried out on 2 pairs of roughed (and eventually hinged) lasts, the clamping is done by means of the toe and heel supports, each cycle is performed on one last at a time. The machine is equipped with 10 tools.*

Thanks to customised working cycles, the shoe lasts can be prepared for automated production cycles or for use on systems for automatic injection of the sole. The main processes are:

▶ *"Dovetail" support creation for the clamping on SDF machines,*
▶ *Drilling cycles on the upper side of the last for the correct plate positioning,*
▶ *Drilling and milling cycles on the side area of the last,*
▶ *Side or central milling cycles on the top of the last,*
▶ *Milling cycles on last surface following the model profile.*

Thanks to the SLIM 4.0 software all .FRV™ files can be saved and set for the automatic launching on the machine.

技术数据/ *TECHNICAL DATA*

一次可加工鞋楦数量（双）/ *Number of pairs for cycle*	2 p
加工SDF燕尾槽所需时间/ *Cycle time Execution for SDF clamping grip*	鞋楦10秒/ *10 sec. for last*
加工注塑楦所需平均时间/ *Average time for drilling and milling cycle for injection lasts*	鞋楦90秒/ *90 sec. for last*
安装功率/ *Installed power*	26 Kw
弹匣中可放入的工具数量/ *Number of tools on the tool magazine*	10
气压/ *Air pressure*	6 bar
重量/ *Weight*	3800 Kg
尺寸/ *Dimensions*	3250x2350 x2450h mm