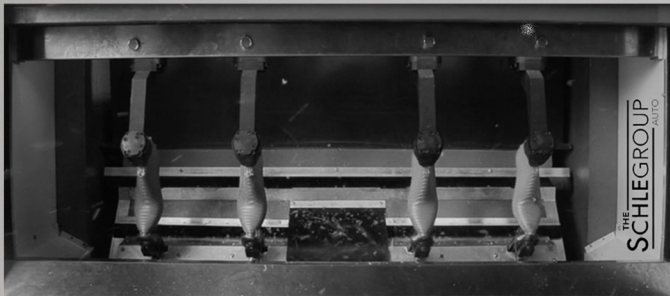


autolast® SL.PLM 4

Four-position machine for
COMPLETE LAST FINISHING
under 5-axis technologies

Product information

Description



Technical Specification

Parameter	Unit	Nominal Values
General		
Output per working cycle	pair	2
Average Time consumption	minute	4-6
Approx. Overall Weight	ton	8
Approx. Overall Dimensions	mm3	3000*1900*2400
Overall Power	kw	22
Motion Control		
CNC System		5-axis simultaneous
Drive System		AC servo
Servo Motor Quantity		9
Reducer Quantity		4
Rotation Speed	rpm	0-100
Mechanical		
Max. Machining Diameter	mm	320
Max. Machining Length	mm	420
Finishing Pitch	mm	0.1-2.2
Tools Diameter	mm	29*16
Milling Head	mm	76*29

Note: Typical properties are not suitable for specification purpose.
For reference only, subject to the actual product.

Introduction autolast 4.0*

The AUTOLAST® is a last making system developed by Schle Group, which maximizes the advantage of 5-axis machining technology for shoe last industry to help last manufacturers to improve products' precision, repeatability, and to simplify the process of last production.

The lasts are completely processed including toe and heel support as their grooves on the cone top are clamped by the patented hydraulic system. The grooves, milled by the auxiliary machine SL.PLG/SL.PLRG/SL.PLA, on the cone top of the last, instead of the traditional clamps on the toe and heel, realize the complete finishing of the lasts and eliminate the risk of lasts deformation caused by the pressure of the tailstocks. The independent interpolated axes enable, in a single cycle of average 4-6 minutes, to refine 1-6 pieces lasts under each rotation position.

The AUTOLAST® producing system consists of roughing, grooving, multi-processing (drilling, flattening etc.) finishing, dovetail removal.

SL.PLR for roughing
SL.PLRG for roughing and grooving
SL.PLA for multi-processing (drilling, milling, flattening etc.)
SL.PLM for complete finishing
SL.PLB for final operation, dovetail removal

Advantages

SL.PLM series presents the highest level of last machining with perfect integration of electronics, mechanics, program and 5-axis computer numeric control system. Because of its precision and repeatability, not only traditional lasts but also mechanical lasts produced by AUTOLAST® system as the requirement of customers, can be processed rapidly, precisely and indentially to the designers original without compromise of the precision and absolute position difference between sampling and mass production.

From 5S management principles, employers introducing AUTOLAST® technologies will enjoy the minimization of space, labor, time-consumption for higher productivity and products quality, obtaining higher reputation and profitability.

This product is manufactured with technology that meets all the regulation of Safety Standard and Environmental Protection.

For more information, visit www.schle.com or follow us on



Copyright © 2019, all rights reserved.

350201 Dongyu, Yingqian Town, Changle District, Fuzhou City, Fujian Province, P.R. China

www.schle.com | info@schle.com | +86 591 28990069 | +86 591 28990079.

THE MOST ADVANCED
TURNING TECHNOLOGIES
FOR THE LAST MAKING

