Last Miller

LM

CNC Shoe Last Milling for Orthopaedic, Custom and Automation Lasts



Make Shoe Lasts In-House

All models produce shoe lasts from raw block to final contour. Each machine performs roughing at lower power and finish turning. Suitable for HDPE, wood or rigid foam.

ULTRA for Robot-Mounted Lasts

Contour deviation from the CAD model < 0.02 mm (20 µm). Positional accuracy relative to the last top plate 0.1 mm. Max. last height approx. 200 mm. HDPE only.

Model Comparison

Technical Data	LM-1	LM-1 ULTRA	LM-1 MAX
Application	Orthopaedics and bespoke shoes	Lasts with robot mounts	Orthopaedics, leg and torso forms
Stations	1	1	1
Machining time	25 min roughing 5 min finish turning	25 min roughing 10 min finish turning	25 min roughing 5 min finish turning
Production capacity	2 lasts/h incl. roughing 12 lasts/h finish turning	2 lasts/h incl. roughing 6 lasts/h finish turning	2 lasts/h incl. roughing 12 lasts/h finish turning
Accuracy	< 0.05 mm	< 0.02 mm	< 0.05 mm
Dimensions (W × L × H)	0.80 × 1.60 × 2.00 m	0.80 × 1.60 × 2.00 m	1.10 × 2.10 × 2.30 m
Weight	1,650 kg	1,950 kg	1,750 kg
Power	3 kW	3 kW	3 kW

LM-1 MAX with an enlarged milling area of 500 × 1,000 mm.

Power supply 3-phase 400 V / 50 Hz · 16 A circuit protection — Optional 3-phase 230 V / 60 Hz

Over 35 years in CNC machine manufacturing · Hundreds of machines sold worldwide · Robust and reliable construction · Easy to operate

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