

M4 – For maximum process stability and cost-efficiency at high performance



Features & Benefits

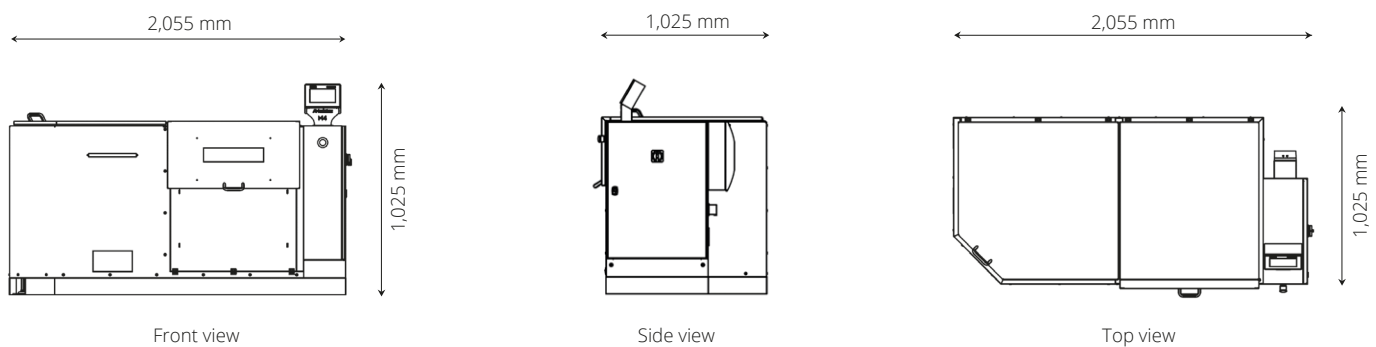
- 2-in-1 solution that combines a mass finishing machine and process water treatment in a compact housing
- Variety of processing options: e.g. smoothing, deburring, matting, cleaning
- Processing of small and medium-sized plastic and metal parts up to 185 mm
- Single part or batch processing with a volume of up to approx. 23 l
- Maximum process stability with efficient, resource-saving operation
- Plug-and-play system, no installation required
- Noise protection ensures quiet operation below 69 dB(A)
- Industry 4.0-ready with ready HMI and integrable control technologies
- Process-optimized, in-house developed media for best results

Technical highlights

The M4 is a cost-effective solution for the automated post-processing of 3D-printed metal and plastic parts manufactured using processes such as SLA, SLS, MJF, SLM, etc. It is specially designed for larger workpieces and batches with a maximum size of up to Ø 185 mm. The system

combines a rotary vibrator and a cleaning centrifuge in a compact housing and, thanks to an integrated process water system, operates without a fresh water or waste water connection. This system ensures high process stability while saving resources and being economical.

Equipment layout



Equipment specifications

Technical data

Machining volume: 120 l
Working channel width: 273 mm
Outer diameter: 820 mm
Max. motor speed circular vibrator: 1,500 rpm
Drive power circular vibrator 0.9 kW
Drive power M4 total: 2.5 kW
Capacity of process water recycling system: approx. 45 l

Installation conditions

Supply voltage: 400 V (3~N/PE)
Control voltage: 24 V DC
Transport: Stacker, Pallet truck

Possible work piece dimensions

Maximum diagonal: ~185 mm
 Batch size: up to 23 l
 Component volume for insensitive parts

