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Microfinish made easy

SPHERO^{mini}



Microfinish Task

Micro-optimization of sphericity, roundness and surface quality by mobile attachment adaptable to many machines



Microfinish Advantages

Unmatched flexibility and easy set-up, frequency-controlled tool speed, individually adjustable process parameters, optimal repeatability of the process without operator influence



Special Machine Features

- Integration into existing machine control is possible, but not necessary
- Supply of detergent through spindle
- Integrated surge protection for operating element



Compact and
mobile attachment

Optimization of roundness and
surface quality



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Easy set-up

Adjustable process parameters

Frequency-controlled tool speed

Easy connection to lathes and other machine tools via clamping holder

SPHERO^{mini}

TECHNICAL DATA

Workpiece- \varnothing : tool dependant 5 – 150 mm
 Power: 1.9 kW
 Rotational speed: approx. 0 – 5,600 min⁻¹ (infinitely adjustable)
 Torque: 7.5 Nm (840 – 2,430 min⁻¹)
 Thrust: adjustable < 140 N (6 bar)
 Stroke: 50 mm

External ports: Standard 400 V, 50 Hz
 Pneumatic (4 – 6 bar)
 Fluid (0.5 – 2 bar)
 Interface: Standard: 20 mm adaptor conventional lathe reception (Multifix, etc.)
 Other sizes or mounting angles possible
 Weight: approx. 35 kg

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