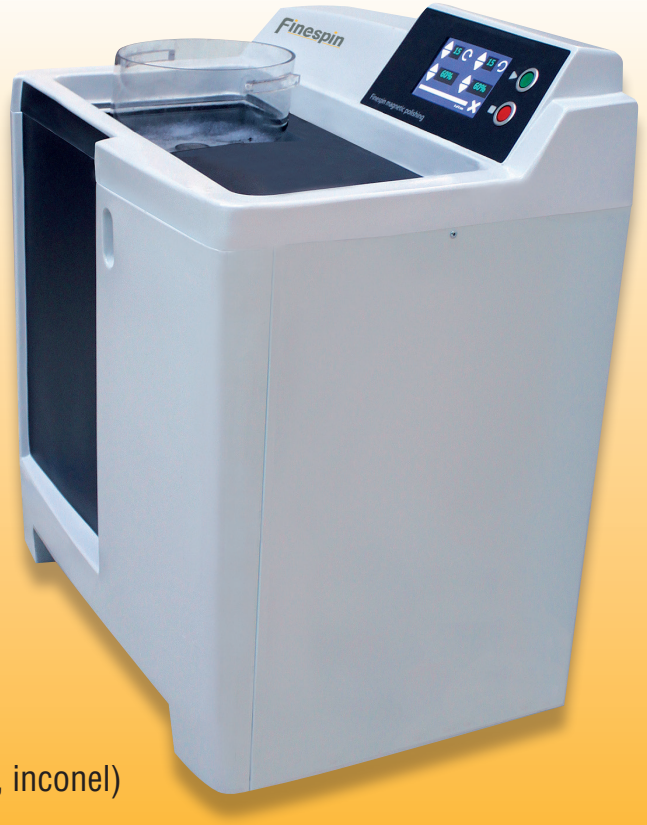
Finespin

Finespin® Polishing and deburring machine

Polishing, deburring and washing in one step for:

- CNC turned components
- Die cast items, for example zinc and aluminium
- Stainless steel cast goods
- Fine stamped components
- Fine waterjet cut parts
- Wire EDM precision components
- Jewellery from cast goods or cutting



For use within:

- Mechanical precision manufacturing
- Medical technology / medical device
- Aerospace (for example titanium, light alloys, inconel)

Finishing easily and effective

Specially developed for components with complex geometries. Also for small cavities and miniature components.
Quick, easy and safe to use. Consumable materials last long -low running costs.
Operating panel with touchscreen makes the machine easy to set up and process optimise.

Finepart Sweden AB

Finepart Sweden AB is a Swedish company that manufactures innovative production solutions under the motto "making precision easier"

The Finespin process can best be described as impact polishing

Minute stainless pins are brought into movement by a rotating magnetic field and innumerable collision occur between pins and components in all directions and processes the surface in the smallest nooks and crannies, rounds edges, removes burr and cleans the components in a single operation. The pins come in different sizes down to 0.2 mm in diameter. These pins can get into tiny corners and cavities. Larger pins give a better effect on flat surfaces. A polishing fluid contributes to the polishing effect and also keeps the components cool.



All metals – steel, aluminium, sheet metals, gold etc.

For most materials

Practically all solid materials can be processed with the Finespin method. Because the method is based on a relative speed between pins and components, non-magnetic materials function best. For magnetic materials a larger and more powerful model should be selected.

The method is non-abrasive and does not affect dimensions

Even thin sections will maintain their shape during processing. Fragile components that must not collide with each other can be polished in a fixture. If the components have larger dimensions they can also be processed using Finespin. They should however be able to move in the work area without rotating around their own axes.

The Finespin process operates with a fine polishing media

- Does not distort the work piece
- Does not cause surface damage
- Does not affect the dimensional tolerance of the product

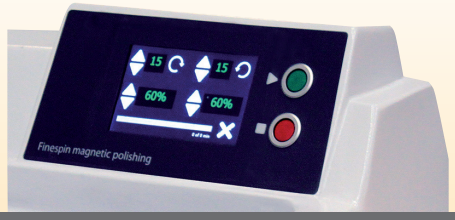
Get started in minutes!

Finespin´s simple user interface is developed from the intuitive Finesoft user interface, with simple and intuitive controls and settings.
Load the machine with pins and the components, pour in water and the polishing fluid so that the components are just covered, select the processing and press the button. Normally, complete after 10-20 minutes. It can not get much easier!

Choose the machine to suit your needs

The program contains 4 sizes with capacity from 1 kg to 8 kg per batch, see table below.

TECHNICAL DATA



Model	Capacity [kg]	Work table [mm]
F28	1 kg	280 x 280
F35	3 kg	420 x 380
F45	5 kg	520 x 460
F50	8 kg	600 x 540

For magnetic materials at least model **F35** should be selected.

Simple installation:
All machines are powered using a single phase wall plug.

For more information contact:

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