



Handwritten text: Ausstellungen
mit
Pulver
auf
Pulver

Rotation is the easiest way of motion

... keep it rolling



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Barrel finisher RTS ME

**An old principle –
still state of the art**

Handwritten text: Hülse

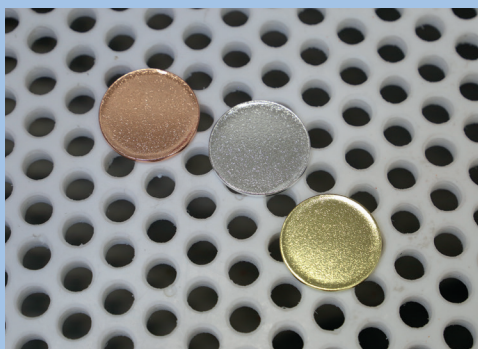
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Barrel finishing – easy and convenient for perfect results

In our high-tech world, fully automated systems are somehow expected. But to reach high quality standards on a small-scale level, traditional practices are welcome.

Barrel finishing technology

This technology is adapted to the media and chemicals used for the finishing of coin blanks in our centrifugal systems.



SPALECK Barrel Finisher:

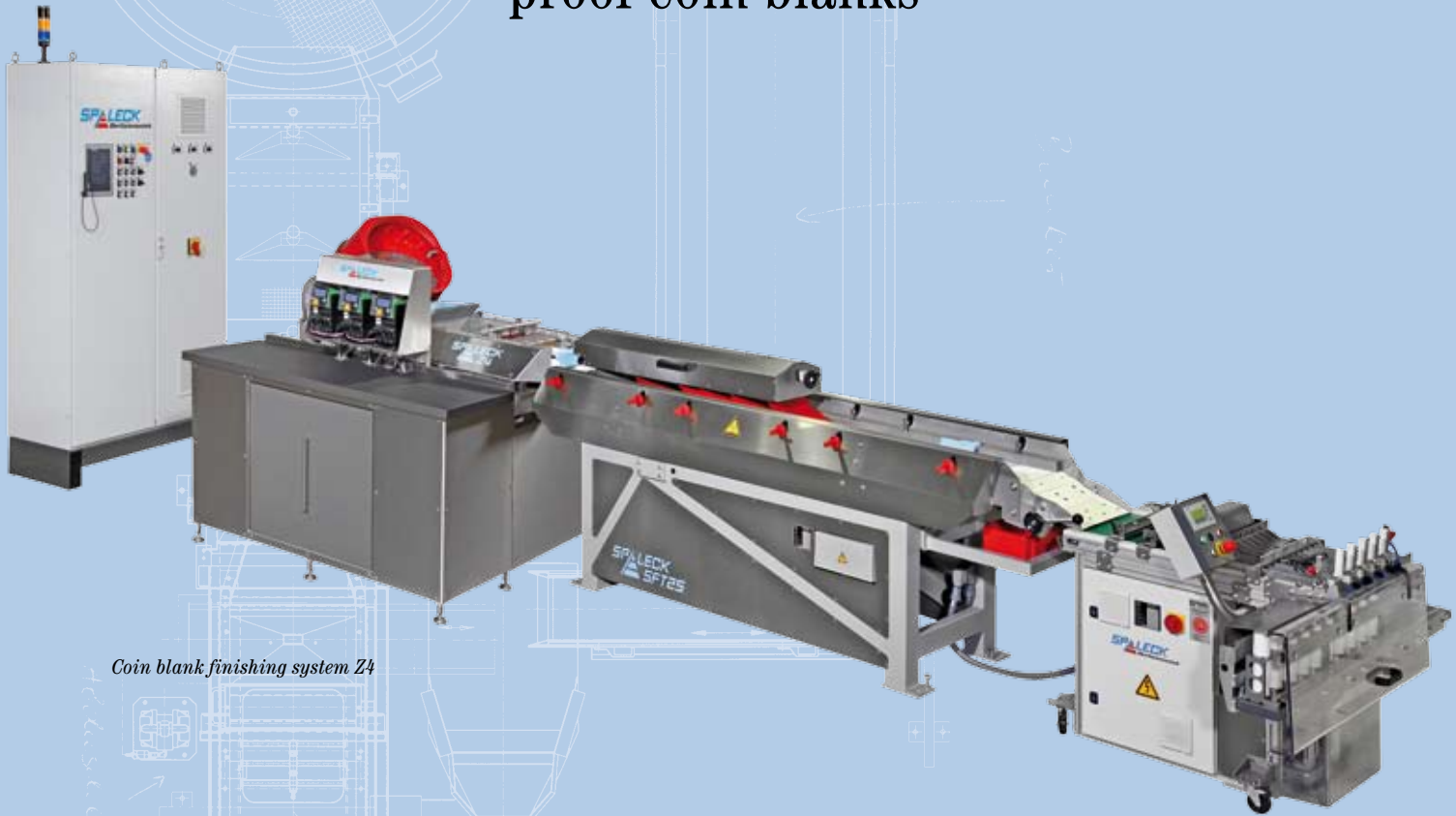
- ◆ Simple handling
- ◆ Capability for different blank types and materials
- ◆ Small batches
- ◆ No trapping points
- ◆ Low cost of ownership





A good impression is a lasting impression

... to achieve outstanding results for proof coin blanks



Coin blank finishing system Z4

We understand surface finishing and our expertise can enhance your quality

Outstanding results for proof coin blanks

In a competitive market, the level of quality in the proof coin industry continues to increase. SPALECK systems offer the means to reach high quality standards.

Centrifugal finishing technology

This technology has been adapted for proof coins, including gold and silver.

The blanks will be treated to produce outstanding homogeneous surfaces and no damage, for proof quality striking.

SPALECK technology for a better production

- ◆ short cycle times due to high process intensity
- ◆ batch to batch consistency
- ◆ uniform treatment
- ◆ fully automatic control
- ◆ system treatment capability for different blank types and materials
- ◆ total dust-free and spot-free drying method with the pocket textile concept
- ◆ collecting the burnished proof quality blanks in small convenient batch quantities to be handed over to the press room

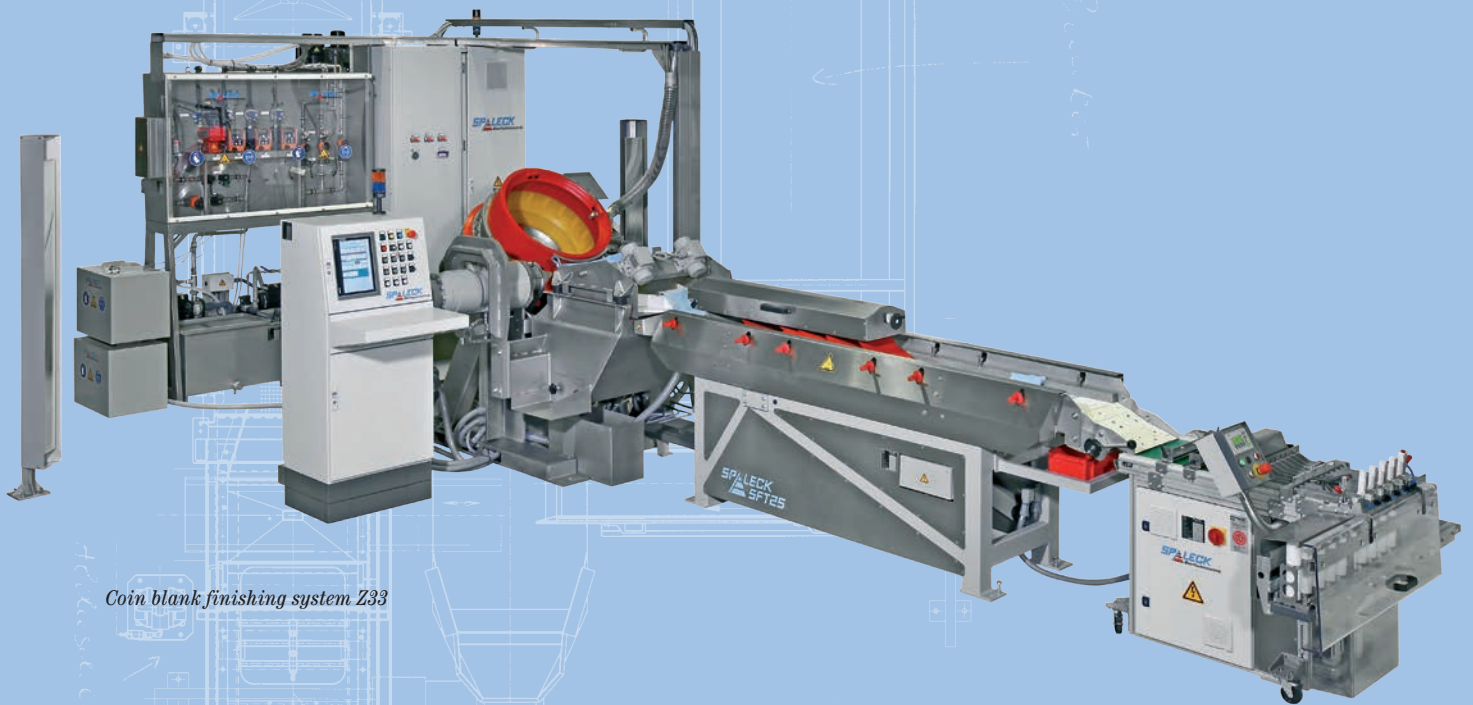




*Relaxen liegt weiterhin
weit hinterher (auf
Anschlüssen muss
Achtung sein)*

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Coin blank finishing system Z33

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SPALECK
Oberflächentechnik

Coin blank finishing technology



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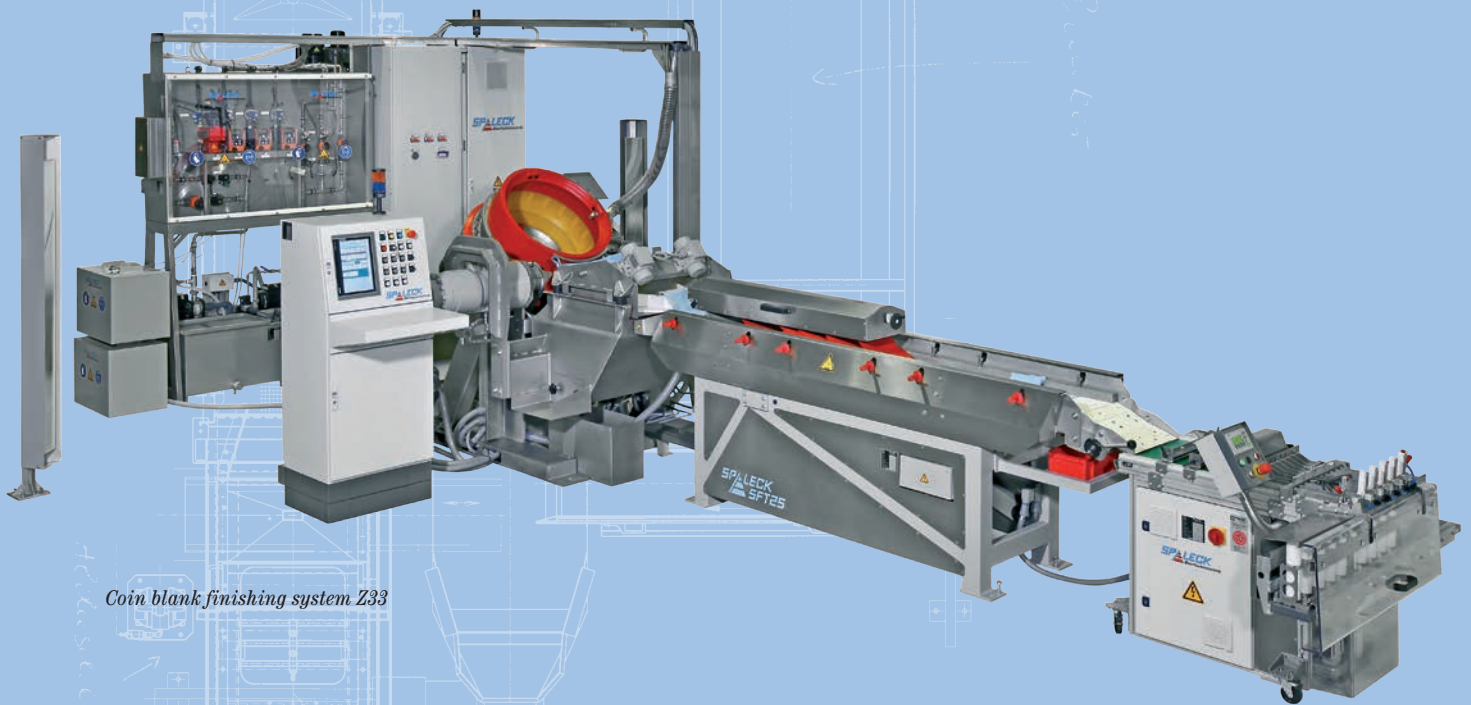




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The inspiration for high technology solutions can often be found in nature

... to achieve highest surface quality standards, which are efficient and environmentally friendly



Fully automated coin blank finishing system Z44

By applying established principles and standards, SPALECK has taken productivity of coin blank finishing to new levels. Environmental sustainability and technological efficiency are not opposites. Combined, they are the key to economic effectiveness through the consistent use of recycling

How to improve an established procedure?

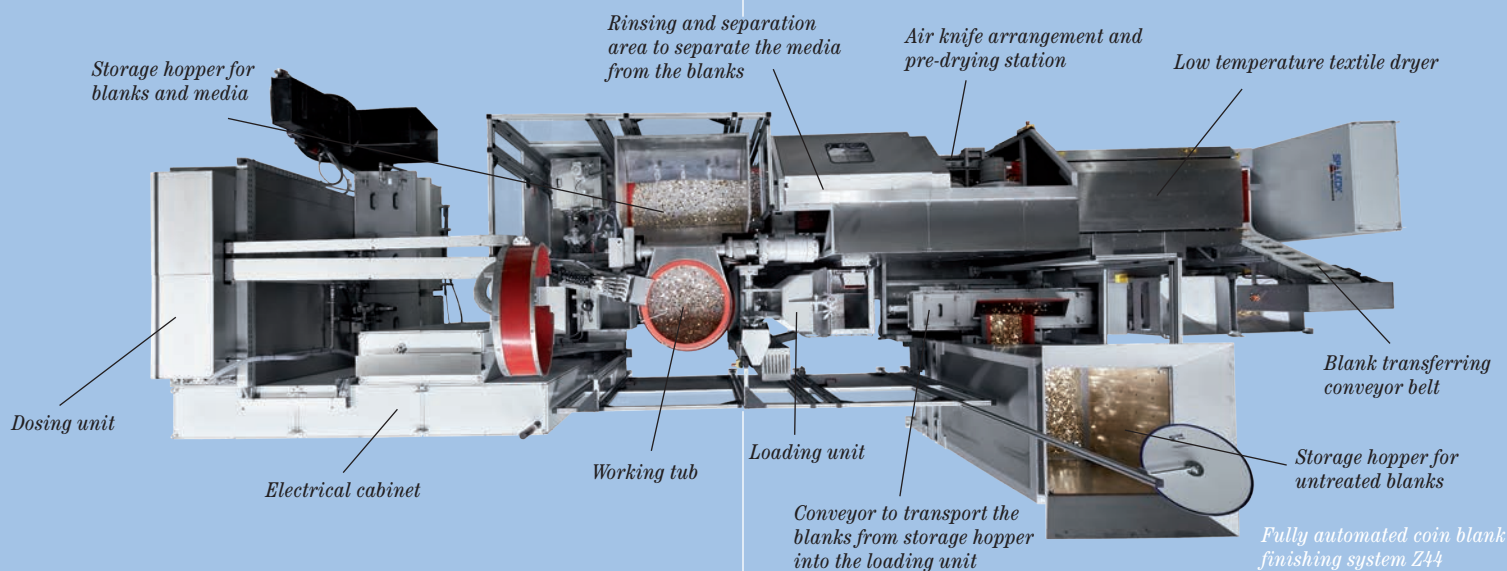
SPALECK has more than 25 years experience world wide in the coin blank finishing industry. We think finishing as integrated / holistic. And we understand the heat treatment for optimising the finishing for optimal results and minimal waste water. In an increasingly competitive market, quality, safety, environment and economy must be balanced.

Centrifugal finishing technology

During annealing, oxides are a normal occurrence. These oxides are removed by a high energy centrifugal finisher supported by tailor made chemicals. The results are bright polished surfaces protected against tarnishing.

Key features:

- ◆ On the spot process times
- ◆ Full integration into automated coin blank production
- ◆ Process data capturing of all consumables and key process data
- ◆ No cross contamination between batches or between media and blanks
- ◆ Plant status at a glance
- ◆ Perfect alignment of separating and drying process



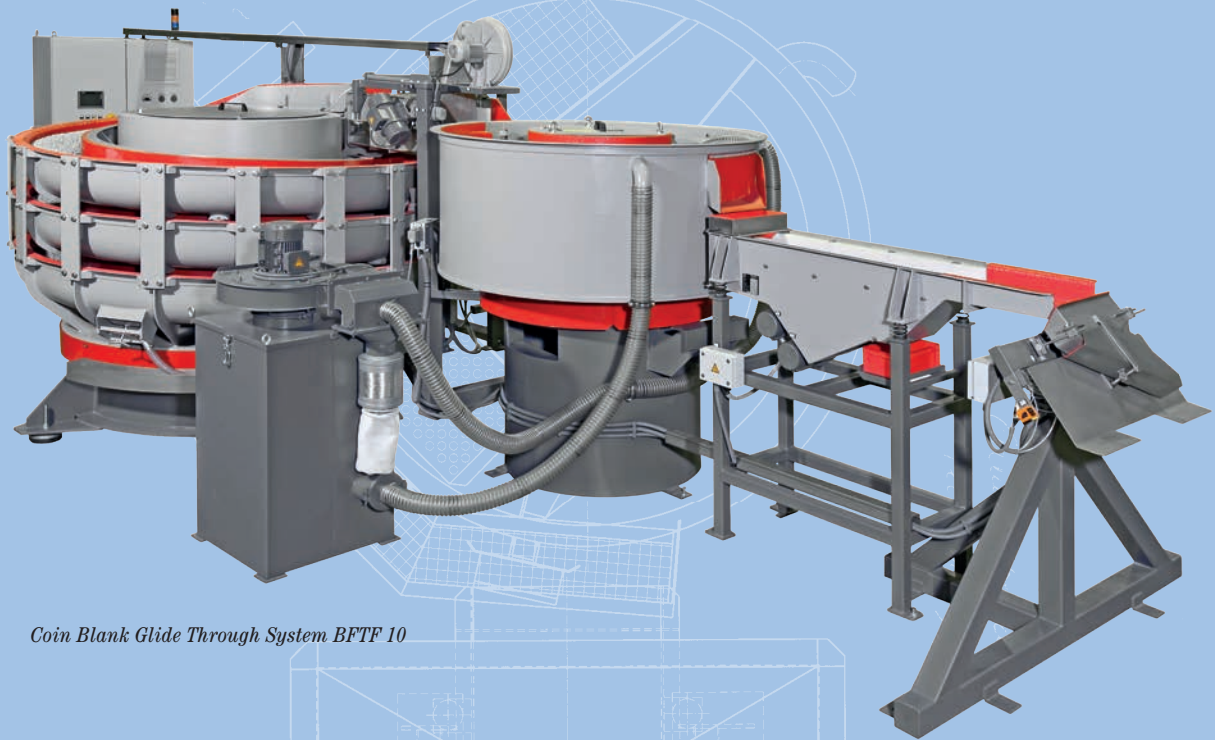
Material	Z33 BFC [kg/h]	Z44 BFC [kg/h]
Copper / Copper alloy	850	1500
Nordic gold / Alubronze	800	1500
Copper plated	800	1400
Brass / bronze plated	800	1400

Material	Z33 BFC [kg/h]	Z44 BFC [kg/h]
Nickel plated	800	1400
Stainless steel	700	1200
Aluminium	200	400



Nature shows us, everything is flowing

... to achieve a constant flow of quality



Coin Blank Glide Through System BFTF 10

Line production is the key aspect of glide through systems, such as the BFTF 10. Everything depends on automation, material handling, surface quality, saving resources, floor space, recycling

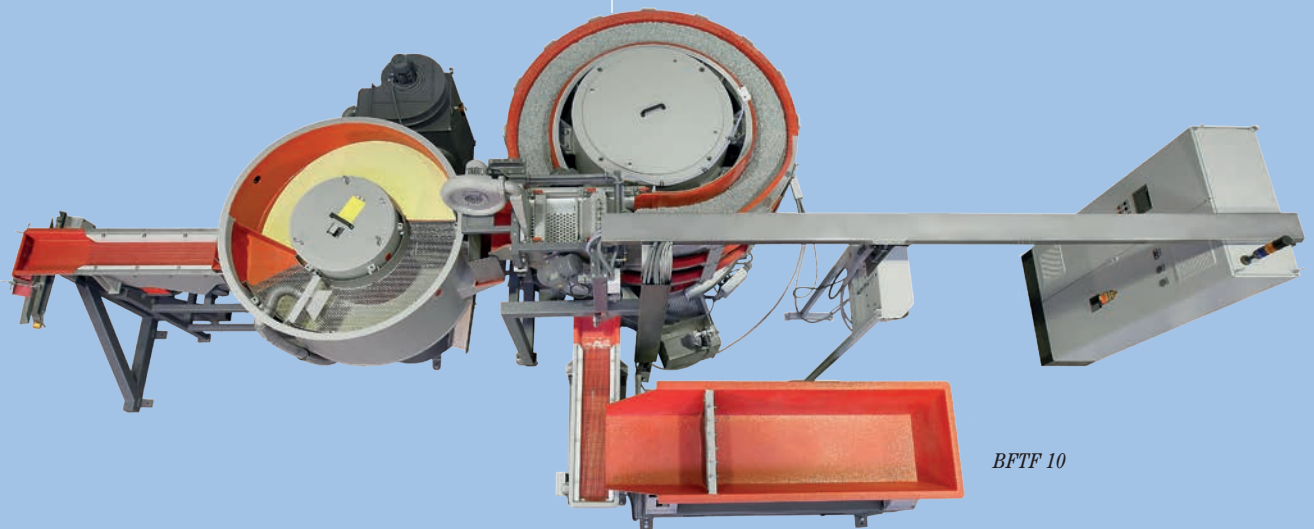
Deburr and degrease coin blanks without damage

Features

- ◆ Perfect media movement
- ◆ Saving space
- ◆ Smart Machine concept
- ◆ High output

Advantages

- ◆ Effective cleaning and deburring of blanks
- ◆ Low fix costs
- ◆ Low maintenance efforts
- ◆ Low cost per kg blank



BFTF 6

200 mm tube channel width
11 m process length
3 m² space requirement

BFTF 10

255 mm tube channel width
18 m process length
7 m² space requirement

BFTF 20

400 mm tube channel width
14 m process length
10 m² space requirement