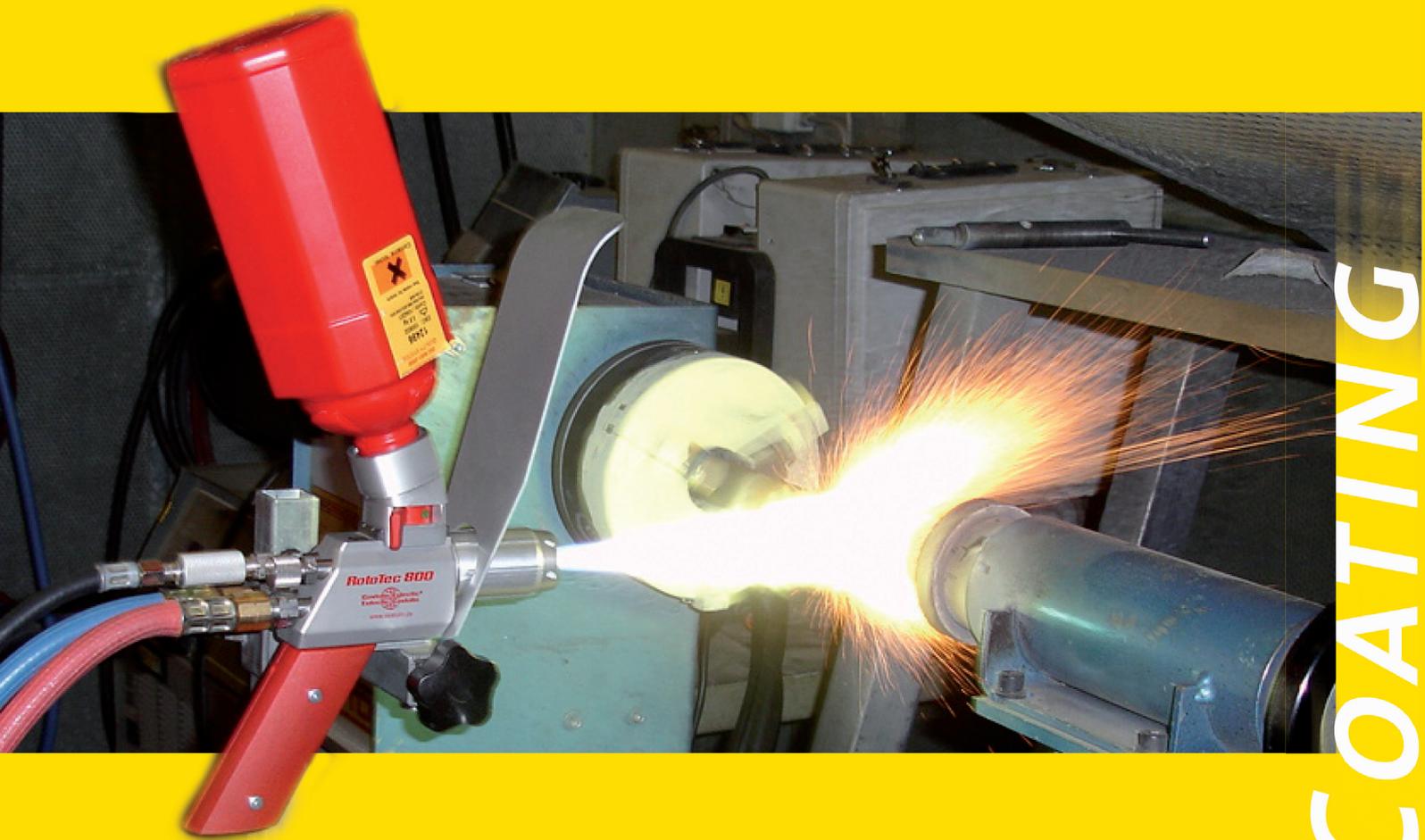


A versatile, economical solution for powder flame spraying

RotoTec 800



COATING

- Controlled wear and corrosion protection
- Flexible tool for coating new parts and repairing worn work pieces
- Simple, fast operation and handling
- Excellent, continuous coating quality
- Large range of available flame spraying powders



A versatile, economical solution for powder flame spraying

The flame spraying system RotoTec 800, based on its technical conception and modern design, represents the current state-of-the-art for safe and economic equipment technology. It was developed for the application of multiple hard-wearing and corrosion-resistant coating layers and is intended for long-term use with simplest handling.

RotoTec 800 is operated with acetylene and oxygen. The acetylene and oxygen mixture for the heating flame is achieved, using the injector principle, in a gas-mixing chamber and heating nozzle. This gas-mixing concept ensures the maximum process safety performance.



Technical data

Connections

Fuel gas (acetylene): G 3/8 LH
Oxygen: G 1/4 RH
Compressed air: M10 x 1

Spraying efficiency

Powder throughput: ~ 3.0 – 6.0 kg/h
(depending on powder type, instrument adjustment, etc.)

Operating pressures and gas consumption values

Oxygen, 3.0 bar: 1400 NL/h ± 50 NL/h
Acetylene, 0.7 bar: 1130 NL/h ± 50 NL/h

Fuel gas-oxygen mixture
Injection principle (gas-mixing chamber and heating nozzle)
Weight approx. 1.25 kg (without powders and gas hoses)

RotoTec 800 complete KIT
Item Nr. /ESC 307100

Contents of the equipment case

Flame spraying gun RotoTec 800 equipped with:

- Flame spraying nozzle (standard, surface layers)
- Screw ring nozzle P/K
- Powder connection head for surface layers, Ø 1.5 mm (silver)
- Heat shield (installed)
- Powder connection head for prepared surface, Ø 1.0 mm (gold)
- Monkey wrench, SW 24 mm
- Open-ended spanner, SW 24 mm
- Manual gas lighter
- Autogenous eye protector A1, stage 5
- Nozzle drill in metal suitcase No.: 0 – 8
- Manual/parts catalog (German, English, French, Italian, Spanish)



Your resource for protection, repair and joining solutions

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