



The beginning of a good connection

Processing of insulated and uninsulated Z+F ferrules



Increase the efficiency and quality of your production process by using Z+F stripper-crimpers for insulated and uninsulated ferrules.

Z+F offers solutions for your needs and quantities. **From entry-level machines to processing large quantities** we offer attractive optimization options for your production.

Crimp connections between Z+F machines and Z+F ferrules are certified according to **UL 486 F**.



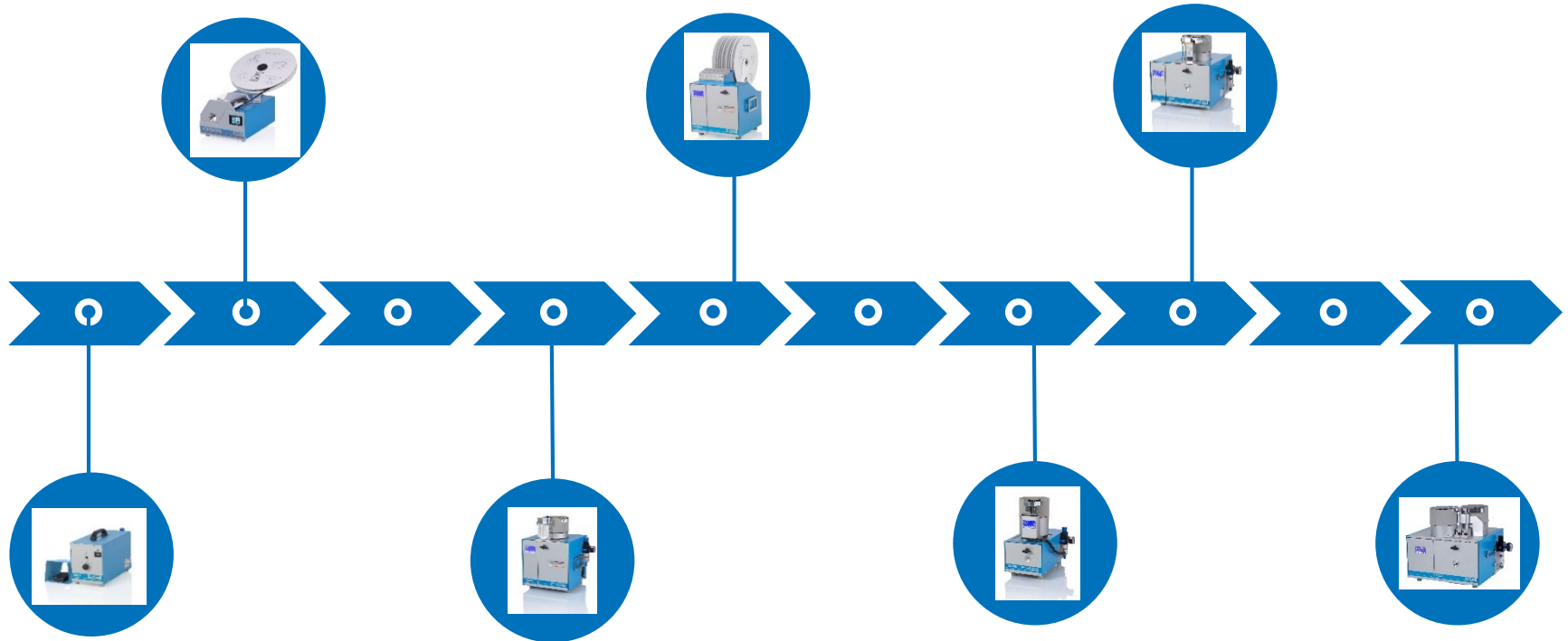
Z+F ferrules and cable lugs



- 1969 – Invention of insulated ferrules
- 1991 – Invention of twin ferrules
- Uninsulated ferrules and cable lugs complete the product portfolio
- Today
 - Ferrules in all common color codes (Z+F, DIN, KDS)
 - Cross-sections from 0,14 mm² to 150 mm² with different technical specifications
 - All ferrules are still produced in the company's headquarters in Wangen im Allgäu – quality „Made in Germany“
- CSA-US, VDE and UL certification
- Customized labelling on request



Processing of insulated and uninsulated Z+F ferrules



Comparison of machines for processing insulated Z+F ferrules



	SC 05 universal	Z+F EVOCRIMP	UNIC-Series	AM02 / AM 04 Serie
Machine type	Pneumatic crimp press	Electric stripper-crimper	Electro-pneumatic stripper-crimper	Electro-pneumatic stripper-crimper
Cross-section (mm ²)	0,5 – 6,0	0,5 – 2,5	0,5 – 2,5	0,14 – 0,34 0,34 – 4,0 4 – 10 (6 – 16)
Crimping length	Up to 18mm	8 mm	6 – 10 mm (depending on machine)	6 – 18 mm (depending on machine)
Cycle time	1 s	1,5 s	2,5 s	2,5 s – 3,5 s
Crimp form	Square	Trapezoidal	Trapezoidal <u>or</u> PZ 3	Trapezoidal, Square, PZ 3 further on request

Comparison of machines for processing uninsulated Z+F ferrules



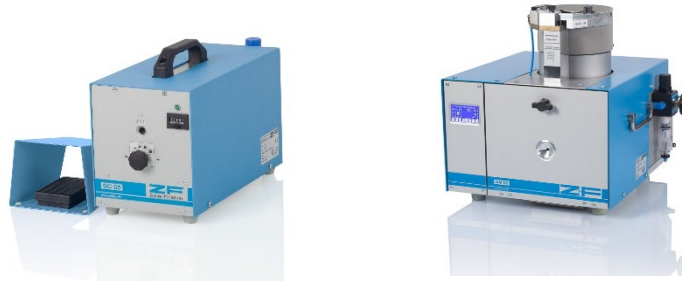
	SC 05 universal	AM02.1 / AM 04.1 Serie
Machine type	Pneumatic crimp press	Electro-pneumatic stripper-crimper
Cross-section (mm ²)	0,5 – 6,0	0,14 – 0,75 4 – 10
Crimping length	Up to 18mm	5 – 18 mm (depending on machine)
Cycle time	1 s	2,5 s – 3,5 s
Crimp form	Square	Trapezoidal, Square, PZ 3 further on request

Efficiency levels of insulated Z+F ferrules



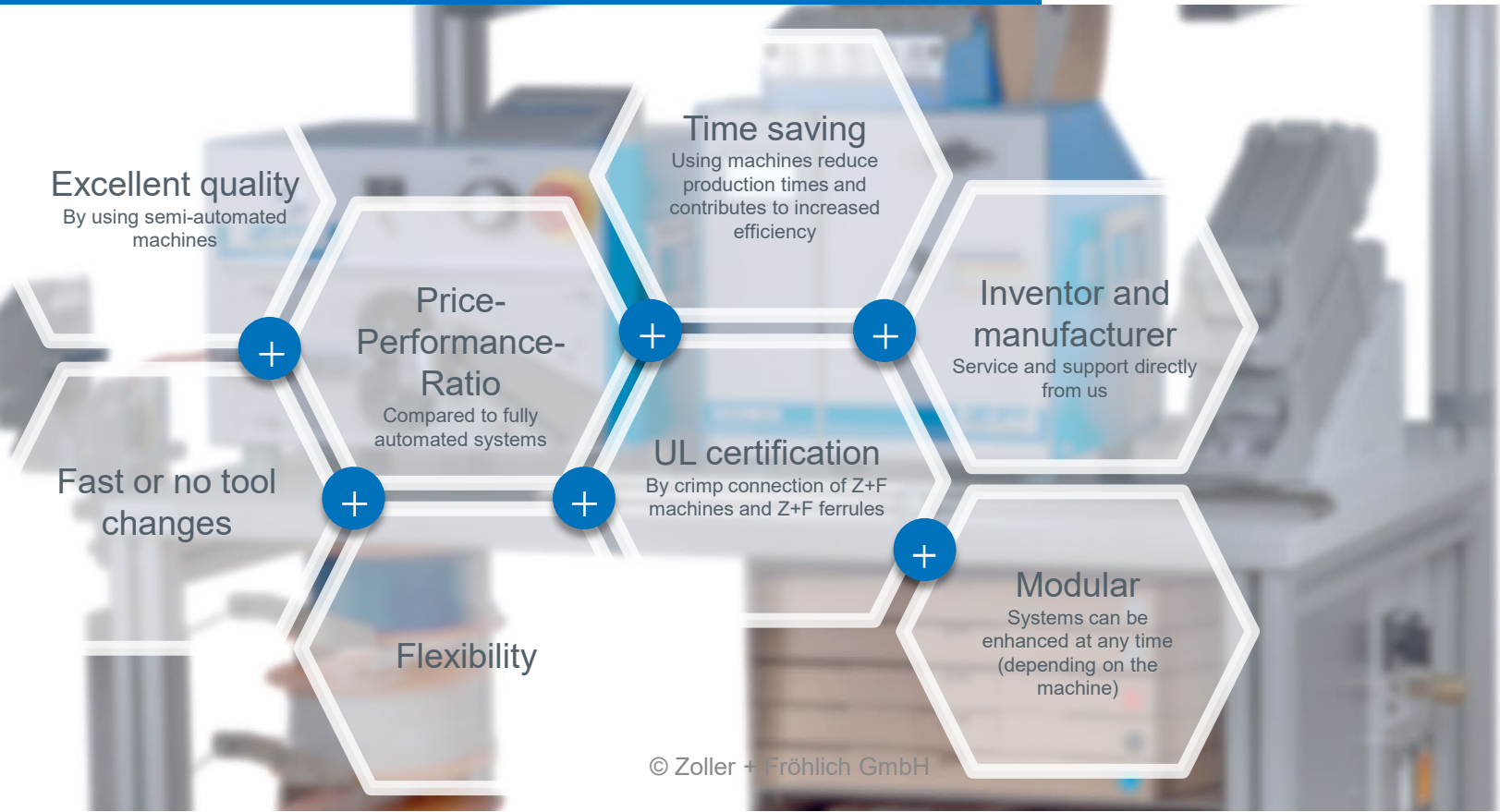
Investment	+++	+++	++	+
Degree of automation	+	+++	+++	+++
Flexibility of crimping lengths	+++	+	++	+++
Tool change	+++	+++	+++	++

Efficiency levels of uninsulated Z+F ferrules



Investment	+++	++
Degree of automation	+	+++
Flexibility of crimping lengths	+++	+++
Tool change	+++	++

Your advantages by using the machines



**Arrange an appointment with
our specialists.**

**We are looking forward to
hearing from you.**

Zoller & Fröhlich GmbH
Simoniusstrasse 22
88239 Wangen im Allgäu
Tel.: +49 (0) 7522 9308-0
info@zofre.de / www.zofre.de