



FIDES

a spühl brand



Company

SPÜHL - A LONG TRADITION IN WIRE FORMING MACHINES

Fides is the Spühl brand for reliable wire forming machines. They are sold to mattress- and upholstered furniture manufacturers in over 150 countries around the world. Our product range includes pocket spring machines and Bonnell transfer systems, manufactured in Switzerland.

Based on more than 140 years of experience in machine-building, Fides products are designed to be solid and easy to use, require minimal maintenance, and are ideal for an efficient innerspring production.

Detailed documentation on maintenance and operation is available. With the electronic parts ordering systems SEPOS you have at your disposal an excellent system for ordering spare parts around the clock online.

Spühl GmbH is a 100% subsidiary of Leggett & Platt, Inc. – the worlds biggest innerspring producer. ▼

Pocket spring machines



FPC-105 - Universal pocket spring coiling machine

The FPC-105 produces continuous strings of pocket springs. The touch screen panel with the userfriendly software allows a product change in a very fast way.

- Extensive working range
- Very fast product change
- Electronical coiling device
- Divided into wire and fabric section
- Cutting device (option)
- Double welding (option)

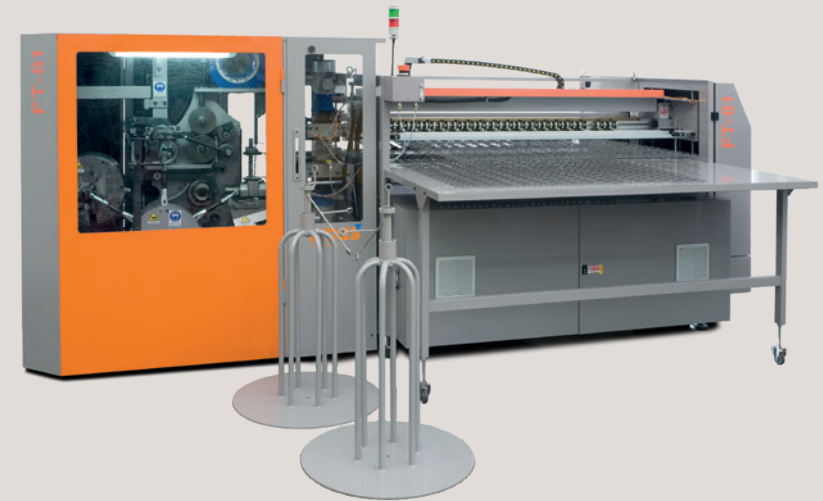
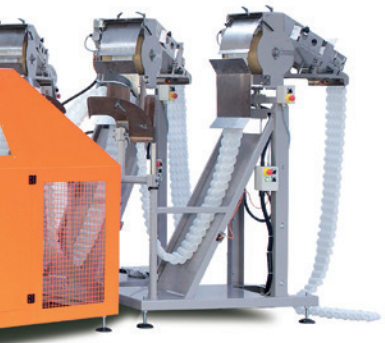


FPA-300 - Fully automatic pocket spring assembler

The FPA-300 is a variable assembly system for pocket spring units with «top/bottom» and/or «center» gluing. It allows a fully automatic production of zoned spring units.

- Processes up to 12 cycles per minute
- Highly flexible, fast setup and conversion to different pocket spring dimensions
- Assembly types: longitudinal, lateral, parallel, nested and duplex
- Freely programmable glue saving system with interrupted gluing lines
- Allows online helpdesk support
- Easy access to all components of the machine for maintenance and cleaning
- Integrated output table for spring units

Bonnell Transfer System



FT-81 - Transfer system for Bonnell spring units

The FT-81 transfer system is a fully automatic, compact unit with a straightforward design that manufactures high-quality, completely finished Bonnell innerspring units.

- Easy adjustment of end ring diameters in the knotting units
- The stacking device is equipped with the unique spring turning station
- 18 jaws included in the standard equipment. Each jaw can be used as a knuckling device
- Very fast and flexible setting of the unit width
- Very compact and minimum space requirements

Glue saving system

The glue saving system of the FPA-300 enables interrupted gluing lines and is freely programmable. This allows a great saving in glue of up to 50% and enables you to optimize your glue costs.

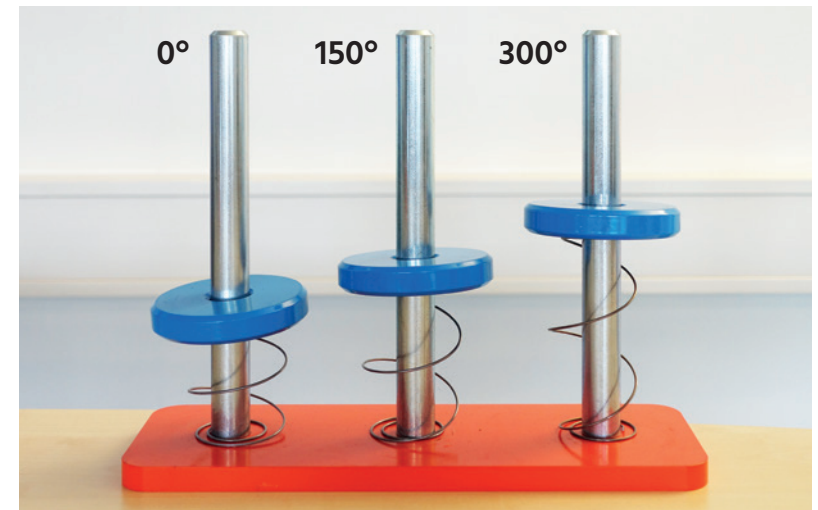
Operators and maintenance engineers appreciate the possibility to open the machine to make adjustments and maintenance.



Heat treatment

All Fides coiling machines come with an ingenious heat treatment technology, which guarantees high quality springs, avoids sagging and also saves wire.

A constant heat treatment of the springs at 300°C is essential and gets the best results. If a spring does not get heat treated at the right temperature and without fluctuations the loss of height is much bigger.



Spring unit optimization

The options for producing a spring unit are as diverse as the needs of the consumers. With exact calculations we support you defining the ideal spring unit that fits to your market.

We do not only calculate the coil count and the firmness of the unit, but also the usage of wire, glue and non-woven. This ensures high quality spring units and makes your production as efficient as possible.

Your advantages:

- Boosting the efficiency of your production by optimizing the coil count
- Saving wire, glue and non-woven
- Meeting the demands of your customers exactly
- Discovering the potential of your innerspring mattresses to enhance your marketing

Example with a wire usage of 3'000 tons per year:

Wire savings	Wire price Ø	Total savings
10% = 300 tons	€ 700 per ton	€ 210'000
20% = 600 tons	€ 700 per ton	€ 420'000
30% = 900 tons	€ 700 per ton	€ 630'000





Service Agreement

If high reliability and machine availability are important to you, you are right to turn to us. With our service agreements, you will get the most frequently requested services bundled into attractive packages. These build upon each other and include additional benefits and service levels. If our default packages do not completely meet your needs, please contact us – we will find together with you a suitable solution through an individual service agreement.

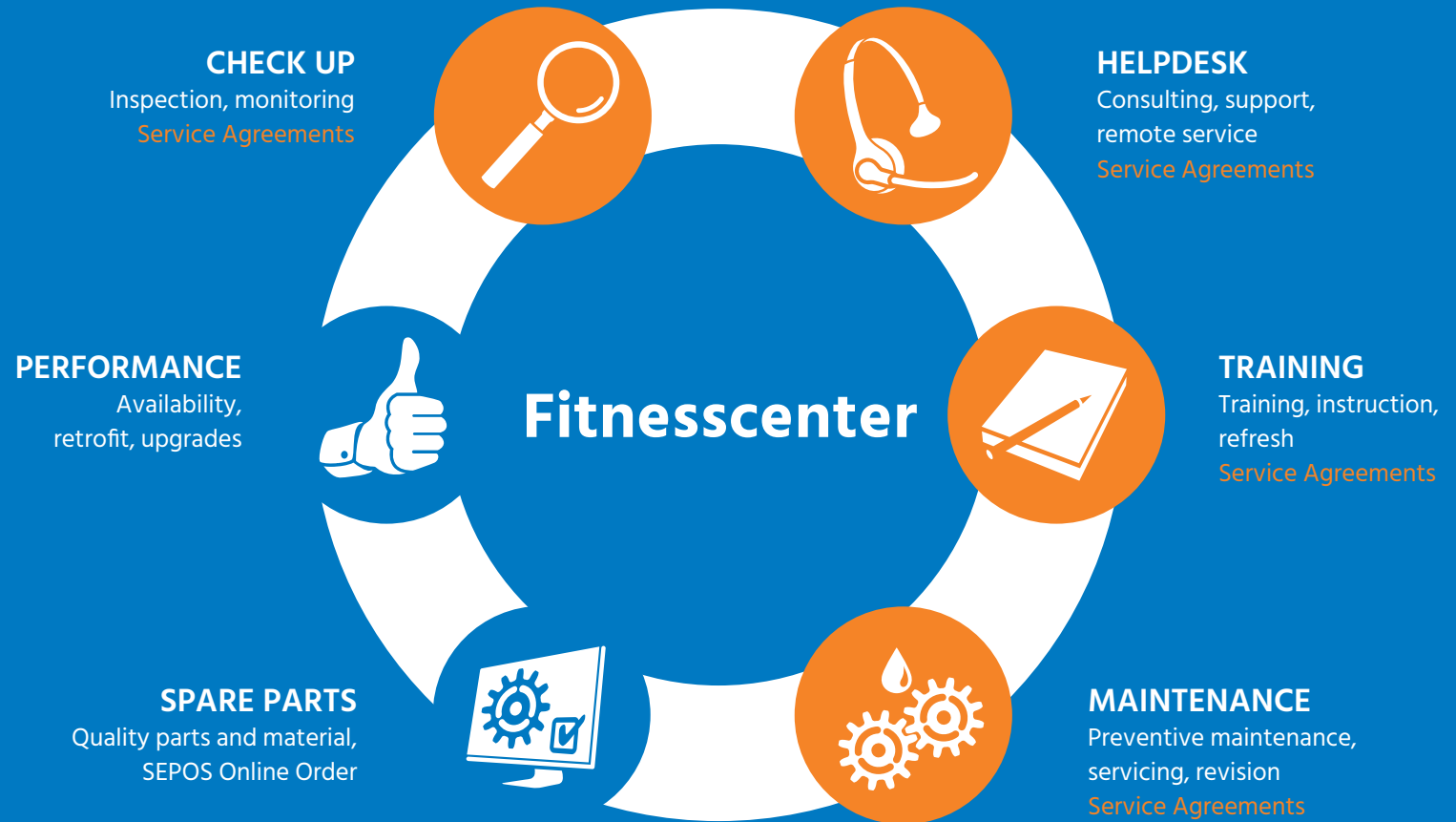
All customers with service agreements also benefit from special advantages:

- guaranteed response times from the Help Desk as well as for shipment of in-stock replacement parts
- free software updates
- no minimum order quantities for spare part orders

	Basic	Standard	Premium
guaranteed response time from the Helpdesk within 2 h *	✓	✓	✓
guaranteed response time for shipment of in-stock spare parts within 24 h *	✓	✓	✓
no minimum order quantities for spare part orders	✓	✓	✓
free software updates	✓	✓	✓
No administrative surcharge **	✓	✓	✓
Help Desk inclusive Tele-service *	✓	✓	✓
price advantage for spare parts ordered out of inspection / preventative maintenance		✓	✓
Inspection – annually		✓	✓
Preventative Maintenance (covering Inspection) - annually			✓

* Mo-Fr 07.00 – 18.00, CET

** for countries with high administrative requirements on spare part exports (Brazil, Russia, Turkey, Ukraine, Egypt, Argentina, Saudi Arabia, China)



Your benefits:

- fixed predictable service costs
- discount pricing on spare parts
- price security for the duration of the contract
- prioritized processing
- higher efficiency through reduced administration
- more comfort: Spühl takes over all planning for you

Locations and Representatives

● Mexico

● Venezuela

● Brazil

● Argentina



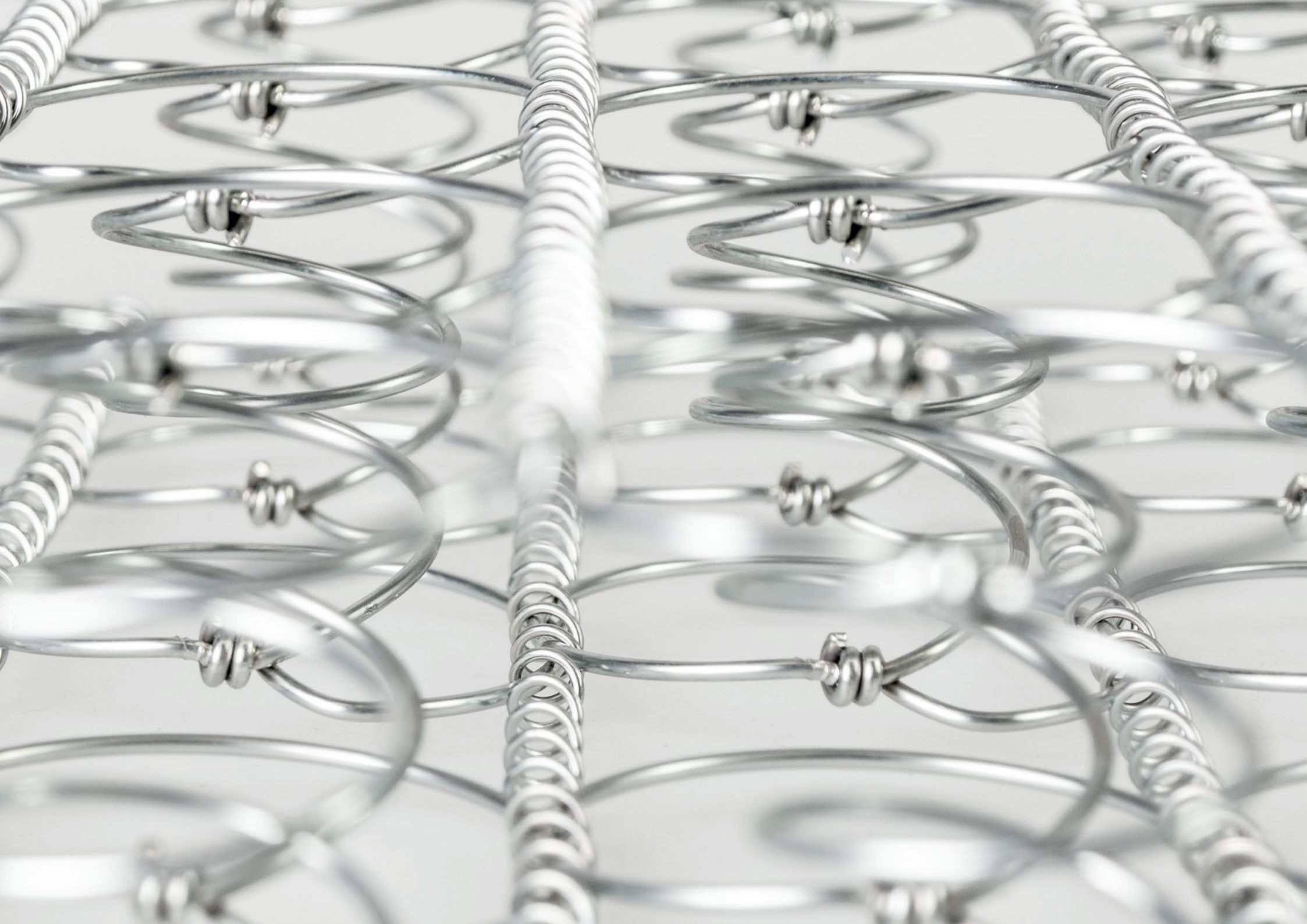
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