WAFIOS

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Precision Machinery for Wire and Tube

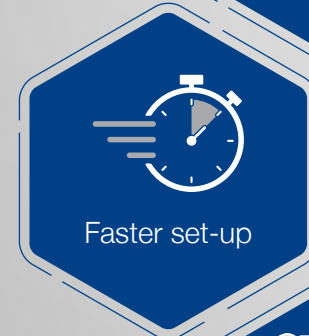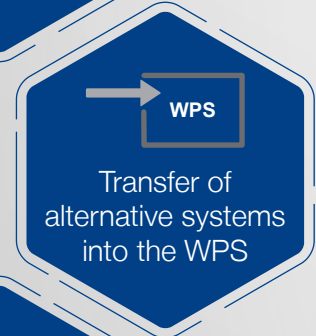+49 (0) 7121 146-0
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Copying a Compression Spring by Means of an External Measuring Device

iQ spring2FUL

for

compression spring coilers

No time-consuming re-programming

WPS
Transfer of alternative systems into the WPS

Faster set-up

iQautopitch
Only minor adjustments need to be made afterwards, e. g. with *iQautopitch*

Operator assistance through simplified set-up process
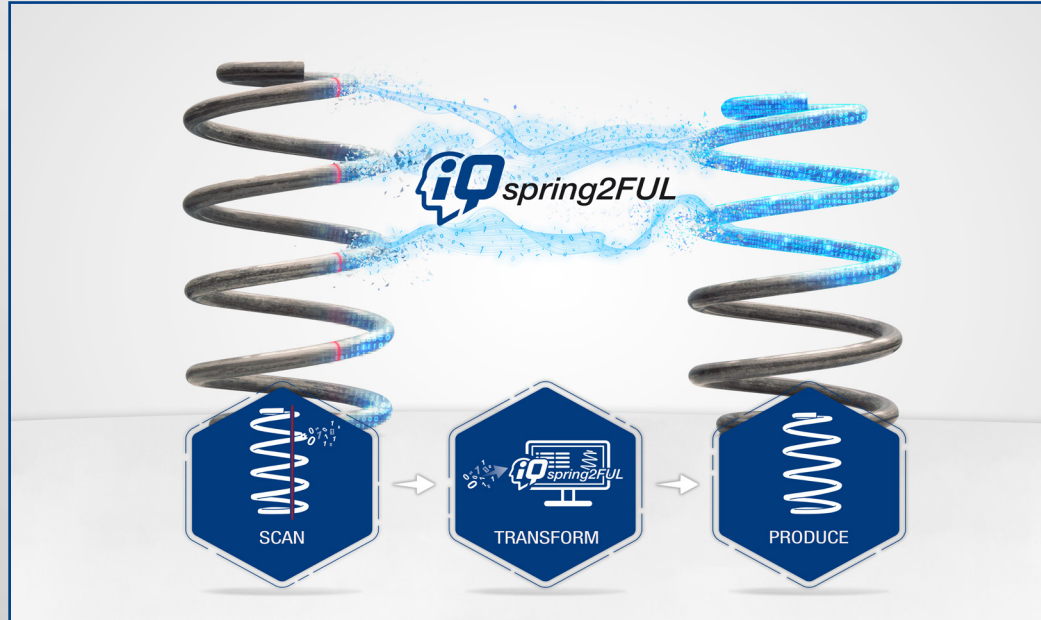
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Situation

- Setting up components based on reference springs, frequently requires a lot of time and work for calculating the relevant geometry values and manually entering them into the programming system of the machine

Solution

- *iQspring2FUL* automatically generates a WPS program by means of an external measuring device

- After measuring the reference spring, an algorithm calculates the necessary support points of the

spring geometry which are then automatically loaded into the WPS program

- This minimizes set-up work and errors during manual programming

Requirements

- Suitable measuring device

- A reference spring is available

- Complete measurement of the spring

- Basic mechanical setting of the machine in accordance with the WPS program

- *iQspring2FUL* is unable to calculate material deformations that cannot be measured