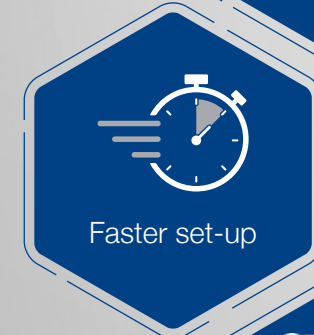
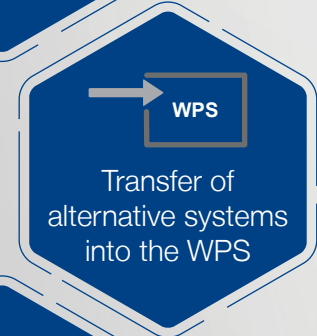


## Copying a Compression Spring by Means of an External Measuring Device

 **spring2FUL**

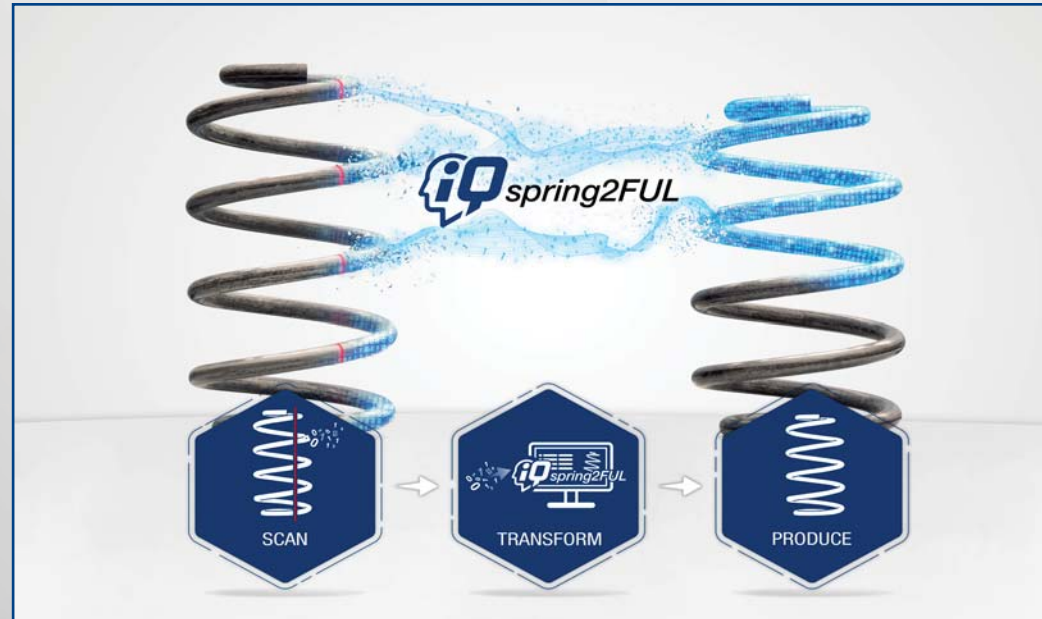
for  
compression spring coilers



## 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