



bestspeed for compression spring coilers

Calculation of the optimal feed speed

Situation:

The override of the spring coiling machine is frequently reduced during production in order to prevent the production of N.O.K springs. In doing so, the facts that the variance in parts is frequently decreased with an increasing process speed and that an optimum set-up can increase the productivity as well as the spring quality, are not considered.

Solution:

With *iQbestspeed* the optimum operating point of the spring coiling machine can be detected automatically. In case of different production speeds, the variance and the machine capability index are measured or calculated depending on the spring geometry. For this, a freely selectable number of springs is produced and measured at different production speeds.

Your benefits:

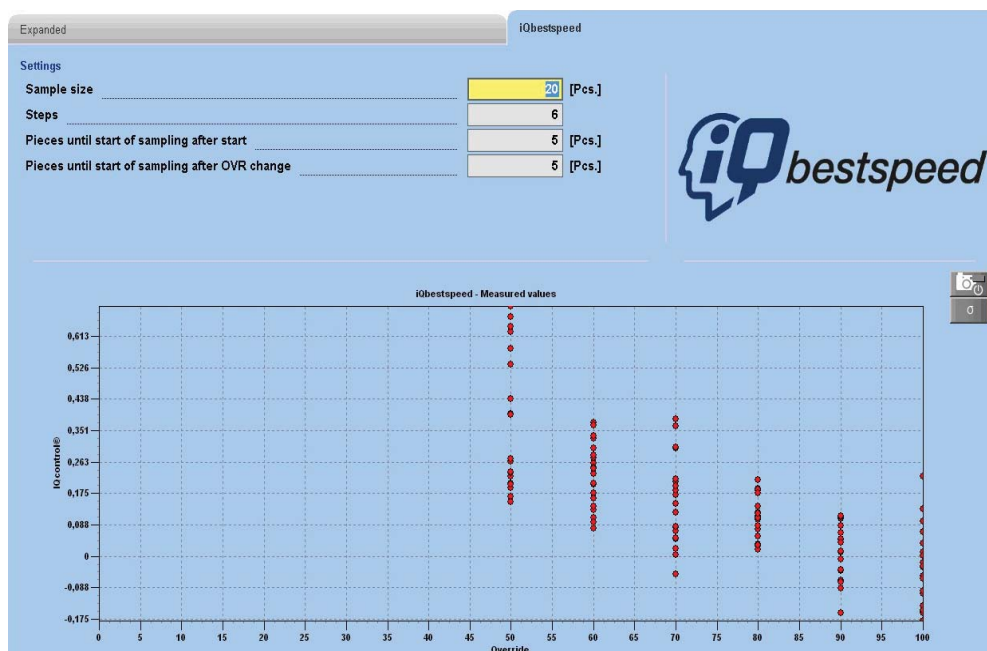
- Optimization of output while meeting the requested quality of parts
- Enhanced quality of parts by producing with those machine settings that result in a minimum variation in measured values
- Simplified set-up through visualization of measuring value variations

Requirements:

- WAFIOS Camera System

Available machine types:

- FUL machines
- F machines
- Compatible machine sizes on request



WAFIOS Machinery Corp.
27 Northeast Industrial Road
Branford CT, 06405 USA
Phone: (203) 481-5555

Fax: (203) 481-9854
sales@wafios.us
www.wafios.us

Midwest Technical Center
9830 W. 190th Street, Unit D
Mokena, IL 60448 USA

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