WAFIOS

Reduction of Set-Up Work Due to Simple Adjustment of Variable Dressing Speeds

iQ variodress

for

spring end grinding machines

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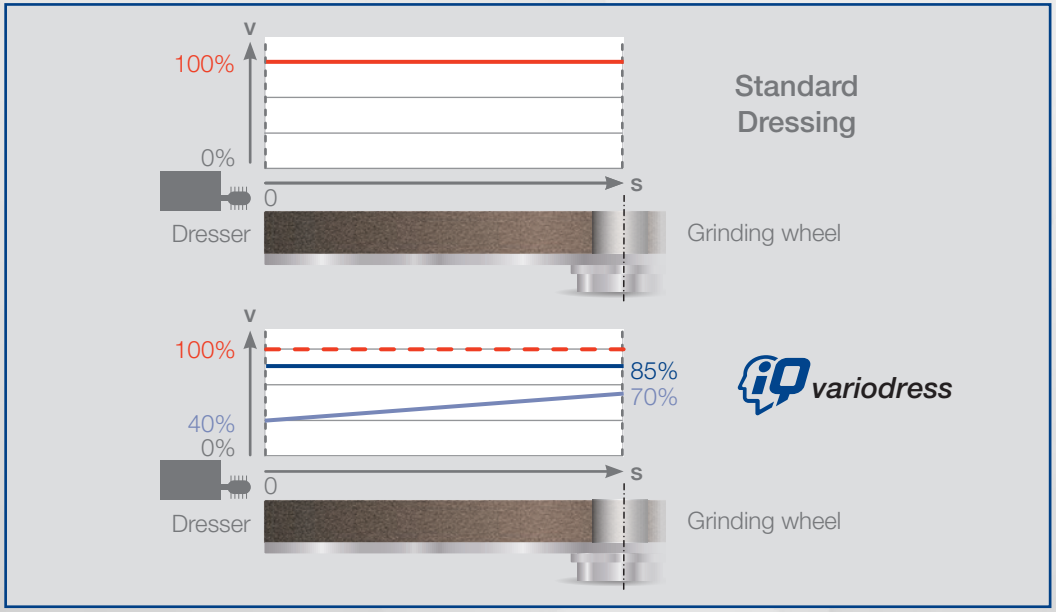
- Individual adjustment to the hardness and abrasive grain mixture of grinding wheels
- Optimization to the specific wear behavior
- Reduction of vibrations during dressing
- Reduction of downtimes

Situation

- Constant dressing speeds often prevent an optimum adjustment of the dressing process with which a sharp and even grinding wheel surface could be achieved
- Harder grinding wheels can also be subject to heavy vibration and loud dressing noises
- Poor grinding wheel surfaces cause poor spring grinding results

Solution



- *iQvariodress* enables an individual adjustment to the hardness and abrasive grain mixture of grinding wheels due to freely selectable dressing and sensing speeds
- Adjusting the sensing speed during the dressing process enables you to adjust the process to grinding wheels of different hardness
- Heavy loads on the grinding wheel and the dressing unit, as well as the vibrations of the dressing unit, can thus be minimized
- Dressing speeds can be separately adjusted for the inner and the outer grinding wheel edge allowing an adjustment to specific wear behaviors
- Thus the surface of the grinding wheel is improved and vibrations during the dressing process are reduced

Requirements

- No requirements necessary