iQwire for bending machines

Simulation of the bending process with collision control and cycle time determination

Situation:

In the process of setting up complex bent parts, the operator has to test the production sequence slowly several times in order to make sure that there is no collision in the process. At the same time, however, the set-up process ought to be as fast as possible to minimize downtimes.

Solution:

iQwire enables a simulative collision control and the determination of the cycle time of the set-up part. Downtimes are reduced and production planning is facilitated. Additionally, the reject rate during set-up is reduced and the risk of the component later colliding with the machine during the bending process is minimized.

Your benefits:

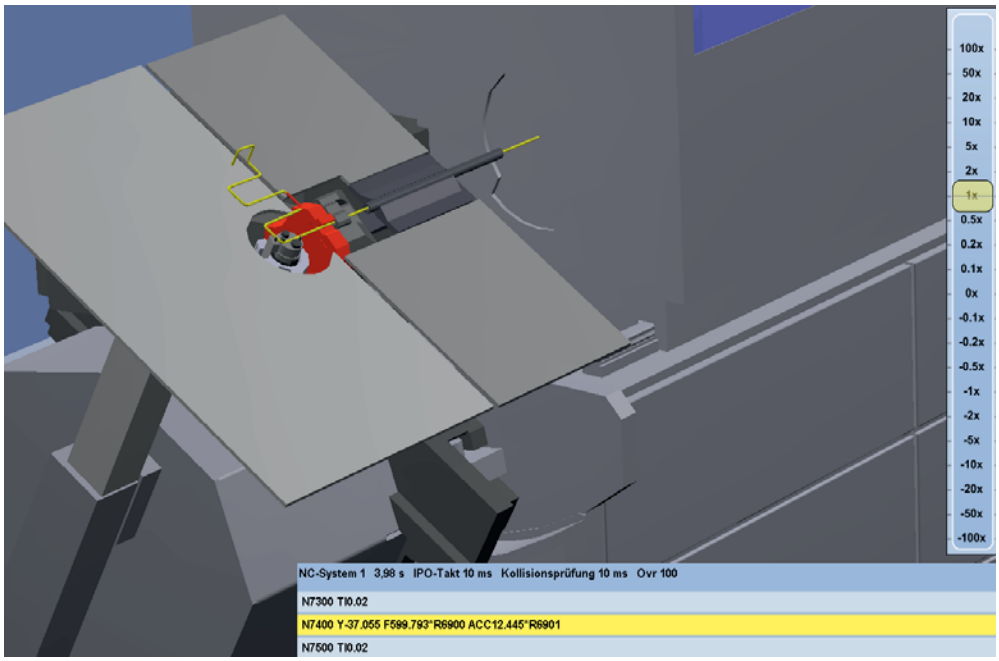
- Collision control through simulation of the complete bending process
- Determination of cycle time to facilitate the production planning
- Less rejects while setting up the machine
- Feasibility simulation before the bending process

Requirements:

- Application of WAFIOS-Tools

Available machine types:

- M-machines
- BMU-machines
- BMS-machines
- BT-machines
- Compatible machine sizes on request



iQ Function

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

Note scope of delivery and restrictions mentioned in quote © WAFIOS AG 2018