

HAEUSLER

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BENDtronic pat. pend



BENDtronic
HAEUSLER CNC Solution

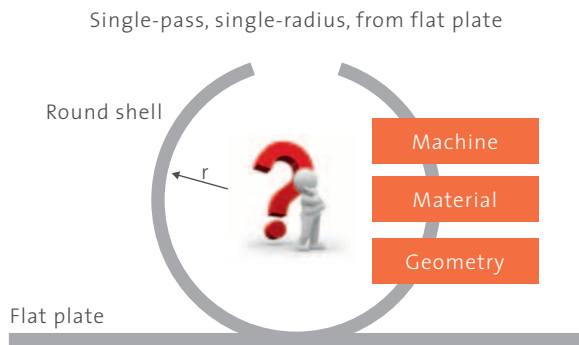
BENDtronic... makes you an expert for any plate rolling task

No more scrap when rolling challenging shells, and fitting parts starting with the first plate in batch production thanks to BENDtronic. The revolutionary BENDtronic of HAEUSLER enables everyone, to control not only the movements of the machine but the bending result itself. The software is graphically supported, allows single-pass as well as multi-pass plate rolling and can be used for any kind of product shape like cylinder, ovals, tanks or more complex geometries such as S-shaped work pieces.

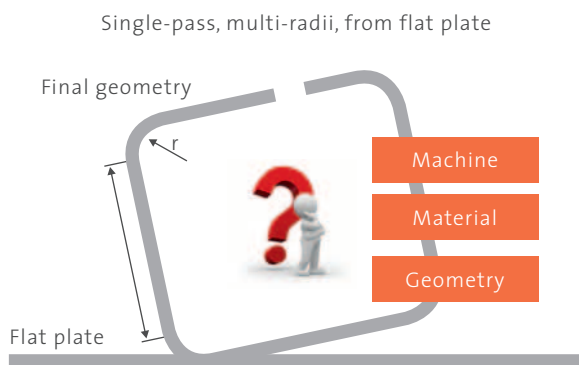


BENDtronic Advantages:

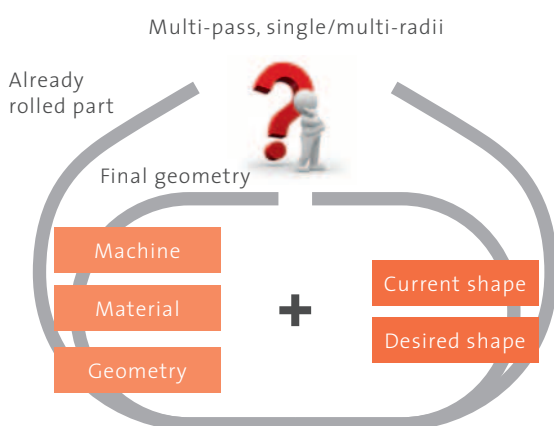
- Tells you exactly what you can roll on your machine and how to roll it
- Shortest learning curve for new operators even without background in plate rolling
- Is the only CNC plate roll software that helps finalizing workpieces that have already been rolled
- Simple and efficient bending of round as well as complex multi-radii geometries
- Makes you an expert of plate rolling
- High quality products from the first plate on



Round shells are typical objectives of plate rolling machine operators. This often underestimated task requires experienced operators who have a feeling for materials, machine behavior and desired geometries. BENDtronic allows operators to enter physical properties of the bending task, receive bending knowhow and execute the bending program. BENDtronic operators quickly become bending experts.



Multi Radial geometries such as ovals, cases or buckets are obviously challenging objectives for plate roll operators. However, the lucky operator who can rely on BENDtronic is also “in good shape” here. After the graphically supported definition of the final geometry, BENDtronic calculates the machine settings and all the steps from the flat plate to the final geometry. The operator can start rolling right after the process simulation.

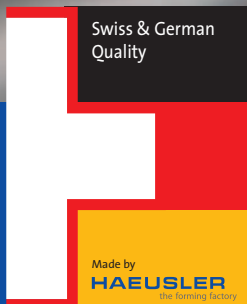
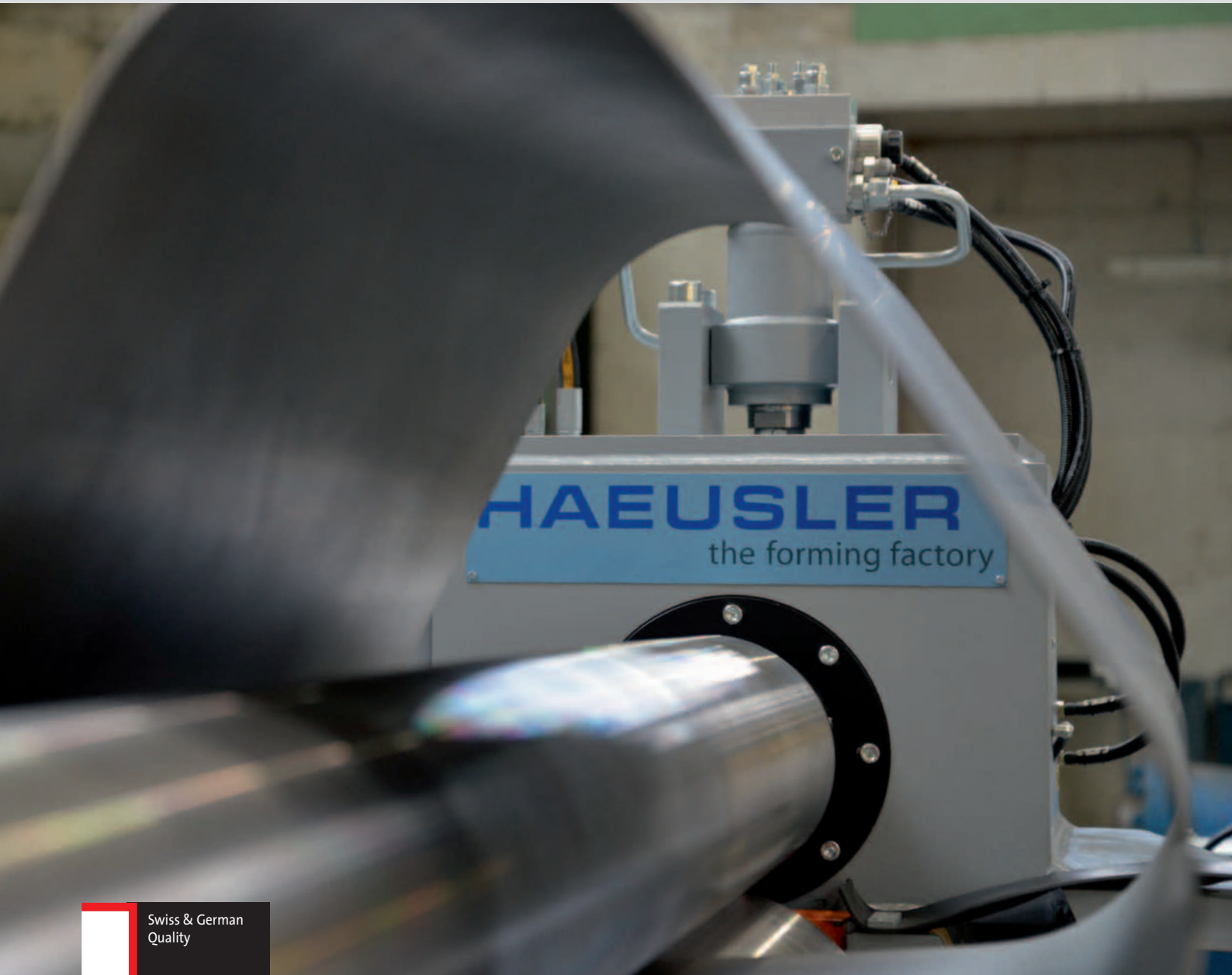


No waste when rolling individual parts (One-of-a-kind or small batches) thanks to BENDtronic which allows rolling workpieces that have already been rolled to a certain shape. Hand on heart – isn’t this the reality in most cases: even with the most reliable CNC software and the most experienced plate roll operator there is always the doubt that slight differences in plate properties such as thickness or yield stress will influence the bending result.

The safe bet is to approximate the final geometry, staying just a little bigger than the required final geometry with the first pass. For the second pass one just needs to measure the already rolled part, enter the values into the corresponding mask of BENDtronic and roll the workpiece to the final geometry.

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