



RM-NC
GRM-NC

LEANTOOL

BIELER

RM-NC / GRM-NC

Servo-controlled stamping and forming machines

The world's fastest servo stamping and forming machines

Simply more efficient production

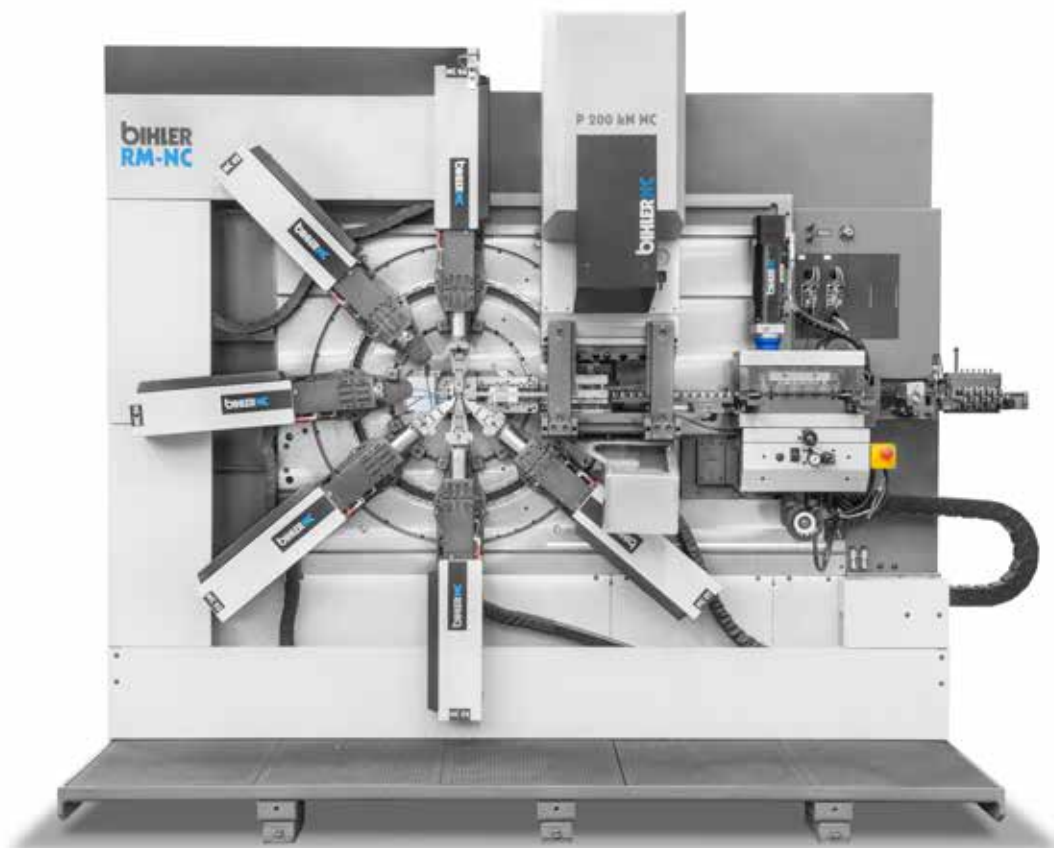
Produce stamped and formed parts with significantly higher productivity and flexibility with the world's fastest servo-controlled stamping and forming machines. In connection with the standardized LEANTOOL modular tool kit you also save time and money. Thanks to a very fast „Time to Market“ you are always one step ahead of the competition.



Highlights of the RM-NC / GRM-NC at a glance

- Highly efficient production of stamped and formed parts in all batch sizes
- High production speeds of up to 300 parts / min.
- Simple, fast and inexpensive implementation of new tools with the LEANTOOL modular tool kit
- Rapid response to short-term customer requests
- Fastest setup times thanks to 100% reproducible set-up
- Full tool compatibility with mechanical RM / GRM Series
- Output increase of more than 400% possible*
- Safe and simple operation with VariControl VC 1

* Production tests: Transfer and optimization of tools from mechanical machine types to servo-controlled machines



LEANTOOL

Standardized modular tool kit

Easier - faster - more cost-effective

Perfect consistency

The standardized LEANTOOL modular tool kit offers perfect consistency from planning, through design and manufacturing of your new tools to the production of traditional stamped and formed parts.



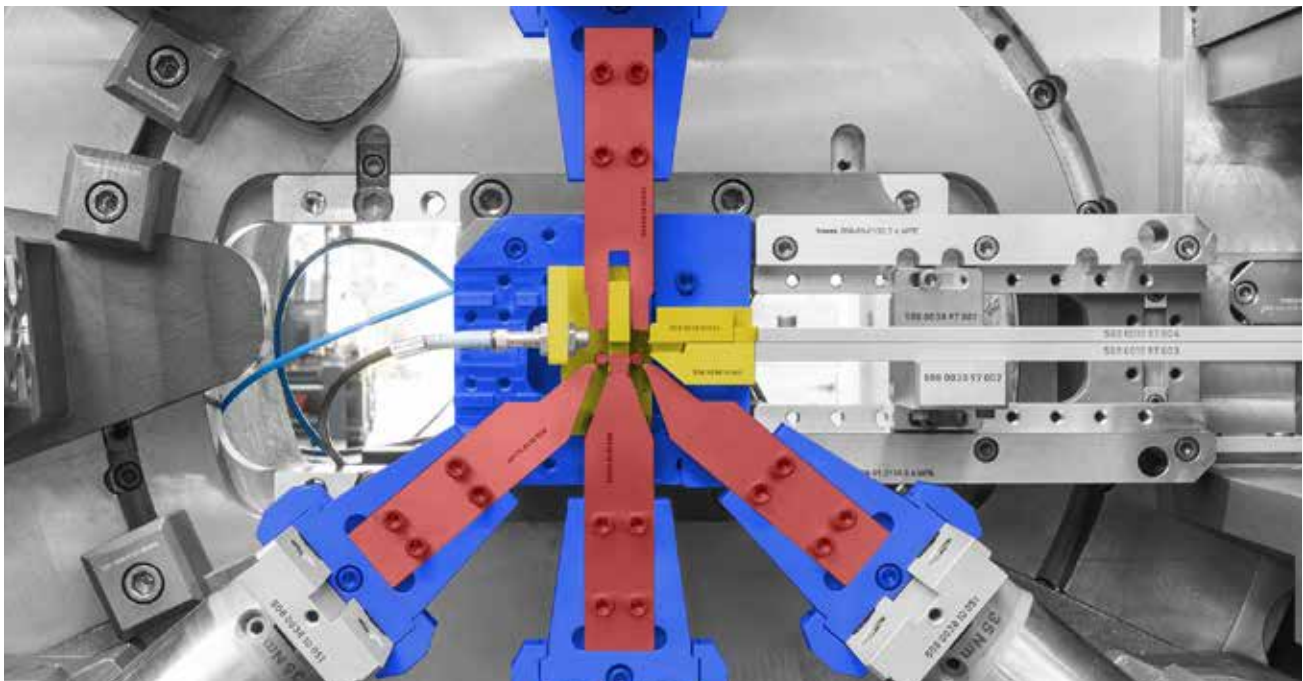
Benefit from these advantages:

Simple planning and quick feasibility statements (defined process limits, example database)

Simple and structured design methodology of bNX software (WebApp for design support, templates)

Very short tool production times (high proportion of standard machine and tool parts)

- 70% lower manufacturing costs compared to conventional bending tools
- Extremely fast, 100% reproducible setup operations (automatic slide positioning, quick clamping systems, data retrieval from VC 1 control system)
- Very fast "Time to Market" (also for new products)
- Lower logistics and maintenance costs



■ Standard machine parts

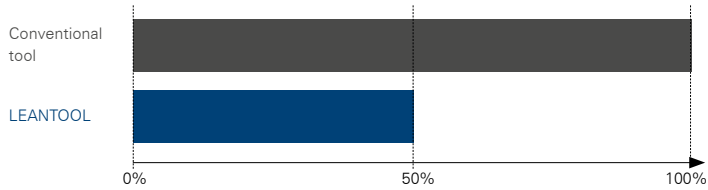
■ Standard tool parts

■ Individual tool parts

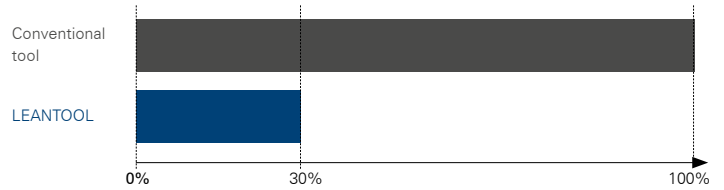
DATA / FACTS

Comparison of conventional tool to LEANTOOL

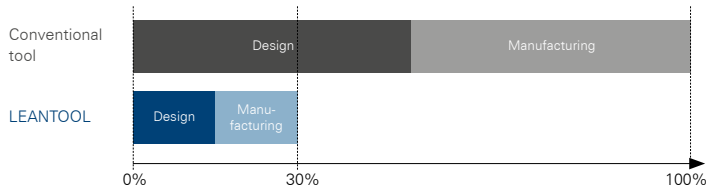
1.) Comparison of planning and costing effort



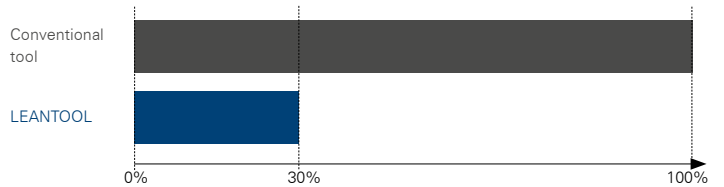
4.) Comparison of production costs for bending tool



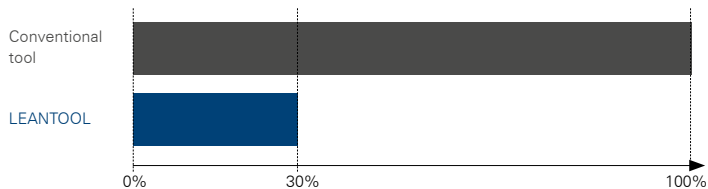
2.) Comparison of throughput time for tool implementation



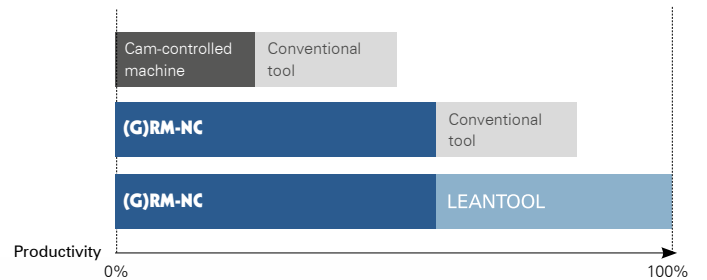
5.) Comparison of setup time



3.) Comparison of initial commissioning time (= machine downtime)



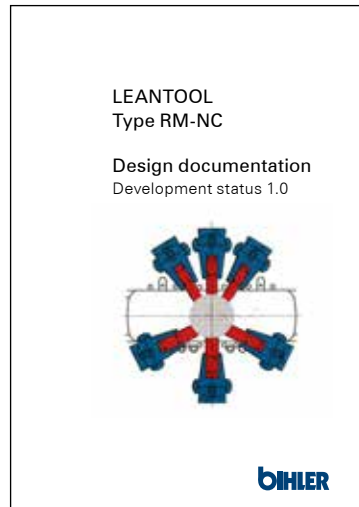
6.) Comparison of machine and tool technology*



*applies to smaller batch sizes, not for continuous operation

INFO MATERIAL

Brochures / Flyers



We are happy to send you information material. Just send an e-mail to info@bihler.de

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