

Hilgeland
Kieserling
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High Speed Wire Nail Machine for the Economic Production of Precision Special Tacks and Nails

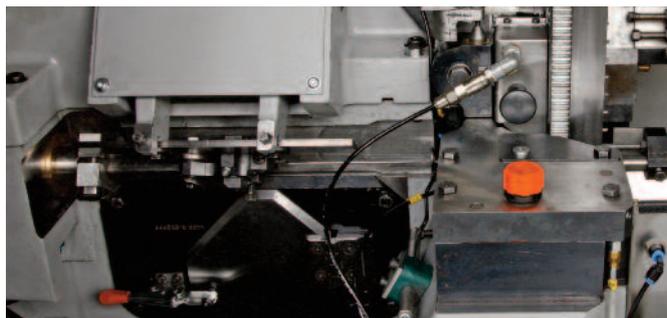
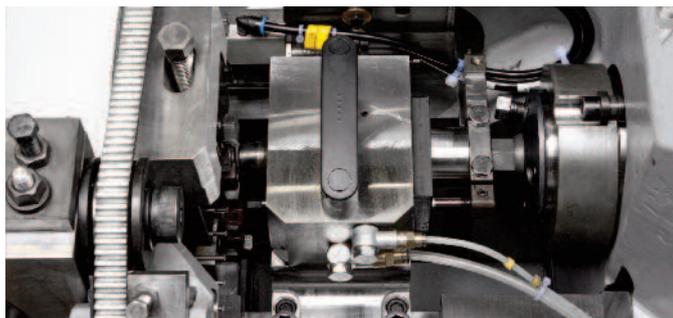


NAILMASTER

NAILMASTER

▼ Linear heading operation (short stroke) for precise nail heads and reinforced pressure jaws for increased lifetime

▼ New style of cutting process with improved, precise chisel feed



Design Features

Machine output

- Max. 1400 nails per minute
- Working in inching mode increases process reliability
- High production output enhances the efficiency of the entire process chain (collator, thread roller...)
- Optimum wire feed due to WAFIOS Opti-Feeder

Machine construction

- Improved high precision chisel feed assures minimal length tolerances
- New cutting principle allows the production of high quality un-split nail-points
- Possibility to produce D-head and offset nails (option) without any problems
- Linear pressing principle assures well-centered nail heads
- Length measuring device with analysis software
- Easily accessible tool area
- Single belt transport system allows direct interlinking to downstream operations e.g. thread roller (option)

Tools

- Variable punch cassette system
- Tungsten carbide tooling
- Increased tool life due to improved design
- High tool quality guaranteed

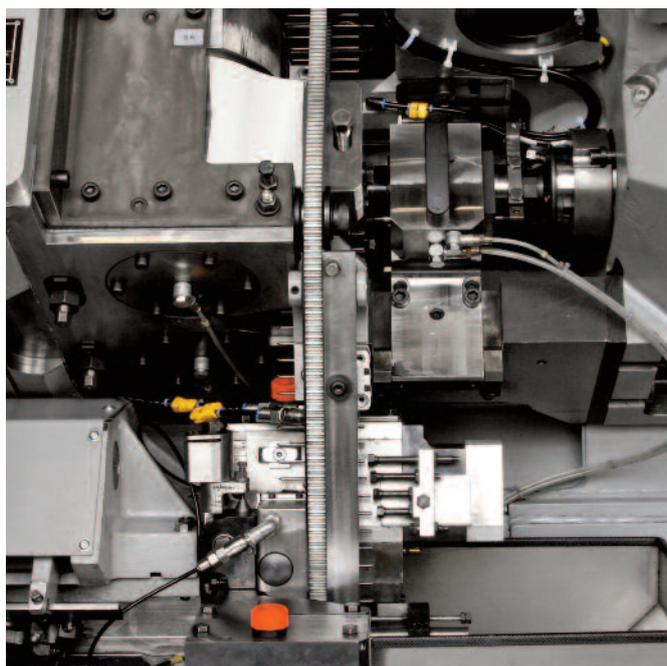
Energy efficiency

- Production of ready-to-use wire nails with separated cutting waste, without extraction unit
- Closed oil circuit lowers oil consumption
- Completely encapsulated with the new noise protection hood

Our efforts are your benefits

- Higher product quality and increased product diversity
- Functional ergonomics ensure operator comfort
- Very high production output
- Energy efficiency
- Affordable tools
- Minimized maintenance costs

Easily Accessible Tooling Area ▼



Output, diversity and cost effectiveness - WAFIOS NAILMASTER: High output wire-nail machine

New standards of output, productivity and operator convenience

The WAFIOS NAILMASTER significantly increases the effectiveness of downstream processing machines through its very high continuous production output.

Many time and cost advantages arise from the clean finished nails produced by the NAILMASTER which do not require any additional cleaning before further processing.

The newly designed cutter arrangement permits the production of high quality nail points free of unwanted split tips.

The upright arrangement of all essential parts and the complete tool area creates un-paralleled operator comfort through exceptional accessibility by the machine operator.

High machine availability thanks to short re-tooling times, a minimal number of tools, the simple exchange of straightening devices and long tool lifetimes.

Every nail checked for proper length, point and head. Nail ejection at 1200mm through exit chute at a defined transfer point.

Quality

For more than 100 years the name WAFIOS has stood for the highest in terms of quality expectations, safety standards and technical innovation in German manufacturing systems engineering.

Reliability

Strict quality controls, state-of-the-art production systems and many years of experience guarantee that your investment is in safe hands. Our global service network ensures high availability of WAFIOS machinery.

Efficiency

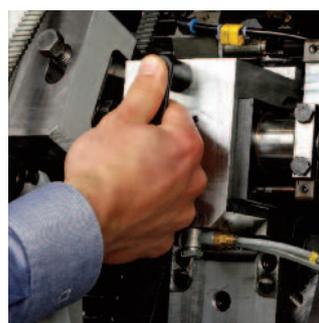
High production output and a long service life will save money and shorten the amortization time of your investment.



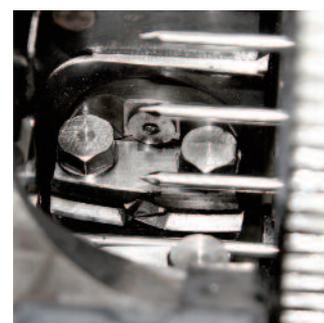
▲ Improved cutting process for the smallest of length tolerances



▲ New arrangement of the pressure jaws also for production of D-head and offset nails

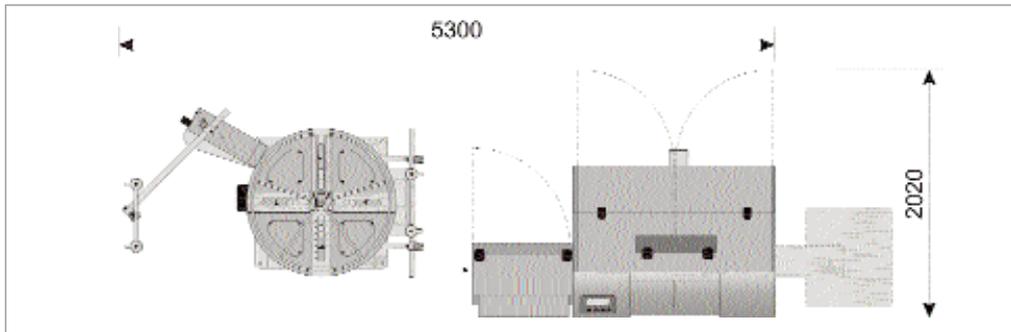


▲ Punch cassette system decreases re-tooling times and allows production of specialty nails



▲ New cutting principle prevents split points

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Dimensions do not include protective fence

| Technical Data | WAFIOS NAILMASTER |
|----------------------------|-----------------------|
| Wire diameter | 2,4 - 3,8 mm |
| Wire tensile strength max. | 900 N/mm ² |
| Wire nail length | 50 - 100 mm |
| Output rate | max. 1400 pcs. / min. |



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The specifications are not binding as these could vary on account of technical developments.
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