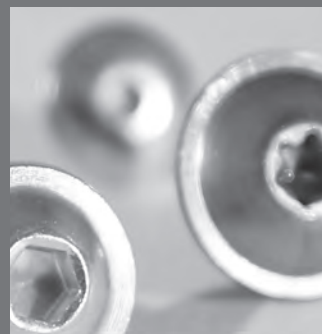


Hilgeland
Kieserling
EWMenn
Nutap

Precision Parts Forming Machinery



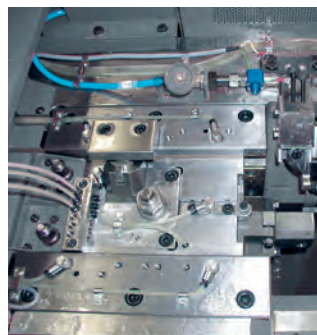
Precision Parts Forming Machinery



HC
HD HE



HC
HD HE



Cold Former HC HD HE

- Brand HILGELAND
- HC: 1-die-2-blow with 3 dies in a rotating block
- HD: 1-die-2-blow
- HE: 1-die-1-blow
- For super efficient production of screw blanks, bolts and rivets
- Wire range \varnothing 1 – 7 mm

HT



HT 5-40



Cold Former HT 5-40

- Brand HILGELAND
- 1-die-2-blow with oscillating die block
- For super efficient production of screw blanks, bolts and rivets
- Wire range \varnothing 3 – 5 mm

HC F
HM



HC 5FT



Cold Former HC 5FT / HC 8F 2-die-3-blow (with rotating die block)

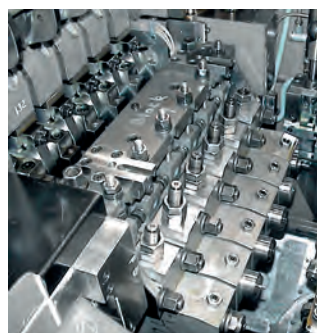
Cold Former HM 5-3 / HM 8-3 3 forming stations

- Brand HILGELAND
- High output
- For the production of short length, difficult parts to form
- Wire range \varnothing 2 – 8 mm

H



H



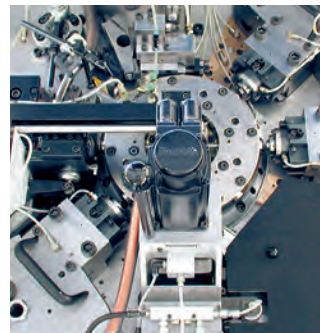
Cold Former H

- Brand KIESERLING
- 5 or 6 forming stations
- Typical application: High precision complex shapes in small to medium diameters
- Wire range \varnothing 3 – 16 mm

SMR



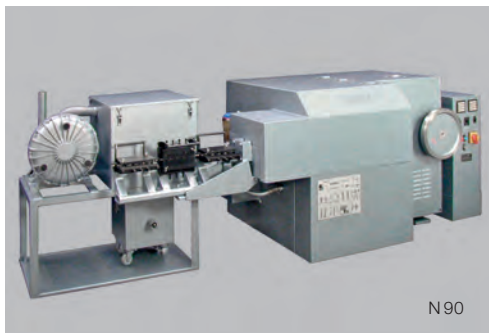
SMR



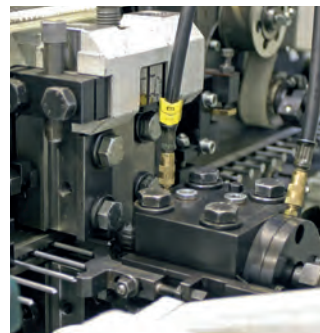
Heading Center SMR

- Brand WAFIOS
- Rotary table machining center combining cold heading, milling and thread rolling functions
- Typical application: High precision miniature screws or micro parts
- Wire range $\varnothing 0.6 - 2.6$ mm

N/ND
GW



N90



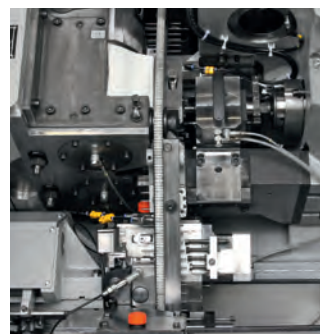
Cold Former Wire Nail Machines N for nails Tandem Double-Blow Cold Former ND for screw blanks and similar parts

- Brand WAFIOS
 - Wire $\varnothing 0.7 - 5.2$ mm
 - Wire nail length 6.5 – 305 mm
- Rotary Thread Rolling Machine GW 92 in inline operation with N or ND**
- Blank $\varnothing 2.0 - 5.0$ mm

NM
TM



NM + TM



Cold Former Wire Nail Machine NAILMASTER Rotary Thread Rolling Machine THREADMASTER

- in inline operation with Nailmaster
- Brand WAFIOS
 - For the economic production of nails with profiled shaft
 - With max. 1400 pcs. / min
 - Wire $\varnothing 2.4 - 3.8$ mm
 - Wire nail length 50 – 100 mm

AF
GW-H



AF



Thread Rolling Machines AF GW-H

- Brand EWMenn
- For the production of screw- and round-profiles
- Shaft size M3 – M24
- With \varnothing between 1 and 24 mm

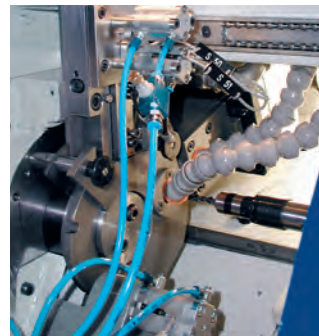
SKM



Automatic Pointer SKM

- Brand HILGELAND
- Typical application: Machining of shaft ends, e.g. in accordance with DIN 78
- Option: Slots for clamping collars
- Shaft size \varnothing 2 – 14 (16) mm
- Shaft length 10 – 220 mm

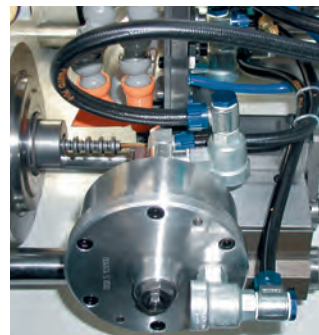
UNT



Nut Tapper UNT (one spindle)

- Brand NUTAP
- Typical application: tapping, drilling and countersinking of special nuts
- Machining of top-ends and shaft-ends
- Thread range M3 – M20

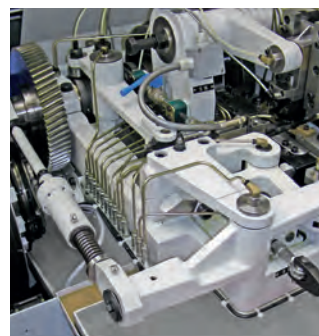
MAS



Nut Tapper MAS F (two spindle)

- Brand NUTAP
- Typical application: Tapping and drilling of nuts based on the bent shank tap experience
- Thread range M3 – M33

JL



Machine for the production of bushes and rollers JL JM JN

- Brand MRP
- For the production of bushes and rollers in chains for bicycles, motorcycles, control and conveying applications
- Scrap-free processing of bright strip material – no material losses
- Strip width up to max. 70 mm

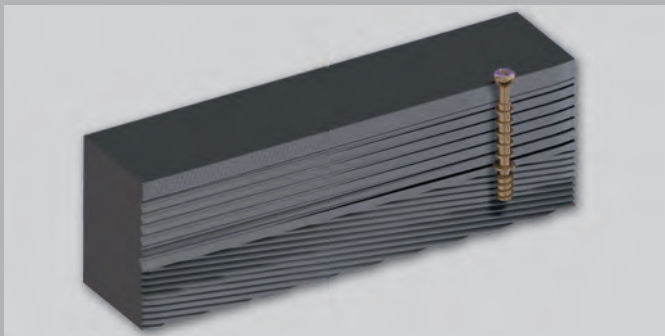
SV



Special automatic SV

- Brand MRP
- Designed for the production of loop wires for closing bags in agriculture, chemical industry and for joining fasteners of concrete reinforcements in the building industry
- Wire range \varnothing 1 – 1.6 mm

Thread Rolling Dies Tool-Engineering



Thread Rolling Dies

WAFIOS Umformtechnik manufactures a wide variety of quality dies for cold flat die rolling of threads and special profiles. Special dies can be manufactured to your specifications or developed in cooperation with you to meet your specific requirements.

Tool-Engineering

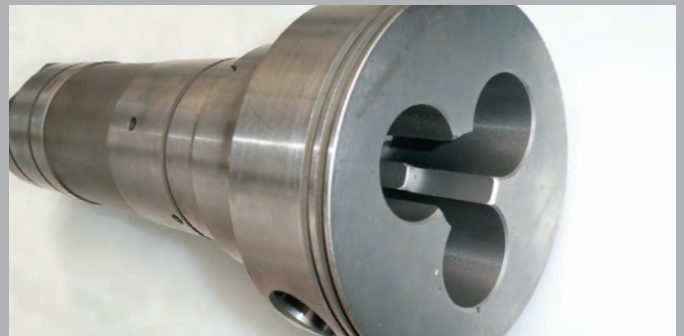
WAFIOS Umformtechnik is among the leading manufacturers of innovative machine technology and tools for cold and warm forming. Our experience in tool-engineering is your advantage. Tools designed from WAFIOS Umformtechnik are optimized for your products and production process and convince with high performance, precision and economic efficiency.

The Result: Tools from WAFIOS Umformtechnik increase your productivity and extend your quality leadership.



Tool-Engineering

Service



Knowledge beats guesswork

As the manufacturer of your machines, our service experts at WAFIOS Umformtechnik know them inside out. This knowledge, the latest know-how and decades of process experience are the foundations of our services. You will benefit from our sustainable knowledge as producers. Take advantage of our nearly 100 years of expertise in machine and plant construction and from 50 years of international service experience.

Overview of our services for you

- Worldwide service from qualified technicians
- Repairation of machine elements
- 1000 hours service after start-up
- Retrofit or modernization of safety equipment
- Change over of complete electronic control panel (example Siemens S5 to S7)
- Inspection and maintenance contracts at fixed prices
- Spare parts service for all types of constructed machines delivered by courier and parcel service, or available for pick up
- Spare parts for current machines available from stock
- Extensive spare parts stock for older generations of machines
- Components and parts made from original drawings for all series
- Development of plans and implementation stages in tooling drawings
- Optimization of existing processes
- Training of your operators and maintenance employees
- Teleservice
- Online support for electronic problems
- Installation of software updates
- 24 hours availability / 7 days a week
- Remanufacturing and upgrading

Hilgeland
Kieserling
EWMenn
Nutap



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

02.2018