



WE KNOW HOW.

||||| Cold Forming

NOBAG / WHO?

**WE KNOW WHAT WE
ARE TALKING ABOUT!**

HIGH-END

COMPETENCE CENTER

NOBAG develops and produces mechanical and hydraulic presses for drawing and cold forming of hollow and solid bodies of steel, aluminium and non-ferrous metals.

COLD FORMING PRESSES

ADDITIONAL MACHINES

TOOL ENGINEERING

PROCESS DEVELOPMENT

TALK TO US!

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We define ourselves as a competence center for forming technology with a focus on the production of hollow parts.

Intermediate and rework operations such as annealing or trimming, ensure economic efficiency and increase the production capacity of our customers.

Our customers receive tailor-made solutions for their market success.

SMALL CALIBRE PRESS

Combined presses < 12.7 mm / machine output up to 240 pieces/min

Cupping Press Type NP



output up to 1'350 pieces/min

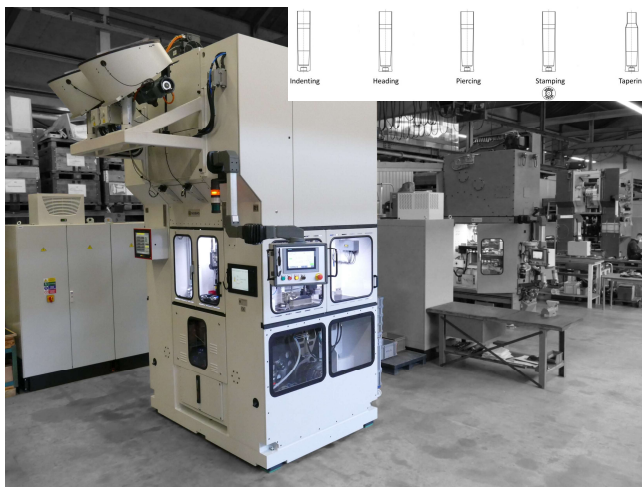
Washing, Annealing
Pickling, Lubricating

Draw & Trim Press Type KZP



Washing

Heading, Pierce & Taper Press Type KBEP



Case Body Annealing machine Type RGM

Pickling, Lubricating

Washing,
Groove turning,
Trimming to length,
Degreasing

Case Neck Annealing machine Type HGM

Key features included in machine

*(for KZP) **(for KBEP)

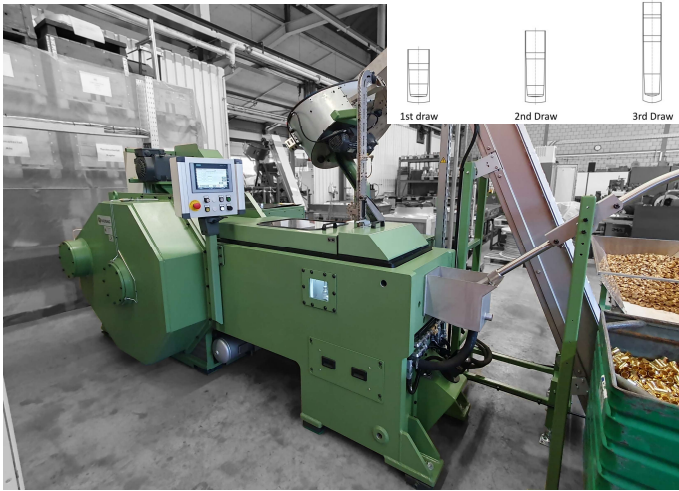
- **Asymmetric independent strokes for each process***
- **Cascade principle – product only passes tooling one-way***
- **Independent strokes for each process heading and tapering process****
- **Double toggle lever system for indenting and heading****
- **Case transportation based on rotary tables**
- **Integrated die heating by last tapering station for stable shoulder length****
- **Machine can be installed on normal work floor, no foundation necessary**
- **Machine equipped with two control panels for 360° operator access****
- **Process monitoring**

All of the process steps listed can also be performed with single presses.

MEDIUM CALIBRE PRESS

Single presses 12.7 - 40 mm / machine output up to 100 pieces/min

Draw Press Type WON 2



This press is designed, among other things, for drawing steel or brass cases.

Technical data **WON 2 – 50** / **WON 2 – 160**

Press force	kN	500	/	1,600
Stroke	mm	500	/	600
Strokes per	min-1	30 – 50	/	25
Weight	to	11	/	18

Heading Press Type WON 3



The press is designed, among other things, for the bottom pressing of steel or brass cases.

For forming, it is equipped with a unique toggle lever for the best forming results.

Other forward or reverse extrusion operations can also be performed.

Technical data **WON 3 – 315** / **WON 3 – 400**

Press force	kN	3,150	/	4,000
Stroke	mm	320	/	600
Strokes per	min-1	30 – 50	/	25
Weight	to	20	/	25

Necking Press Type WON 4



The press is designed, among other things, for tapering and calibrating steel or brass cases.

Depending on the product size, it also has the option of piercing a fire hole directly in the machine

Technical data **WON 4 – 30** / **WON 4 – 65**

Press force	kN	300	/	650
Stroke	mm	360	/	600
Strokes per	min-1	50	/	25
Weight	to	12	/	27

The presses listed above can also be equipped as double-row presses.

ADDITIONAL MACHINES

Machines for special tasks

NOBAG develops and produces machines in partnership with our customers. In this combination we contribute to your market success.

Core press Type KP

Core presses are suitable for forming bullet cores from wire made of lead and other materials. They deliver outstanding product accuracy for maximum bullet precision.



Bullet press Type KGSP

Bullet presses form the bullet jacket, insert the bullet core into the jacket, close off the tail and finish the bullets with a groove and/or other geometry definitions.

Intermediate machines

Cut-off machine Type BSA



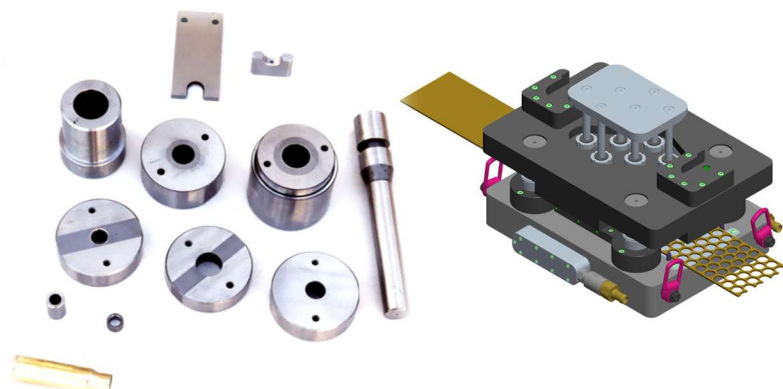
Case body annealing machine Type RGM



Neck annealing machine Type HGM

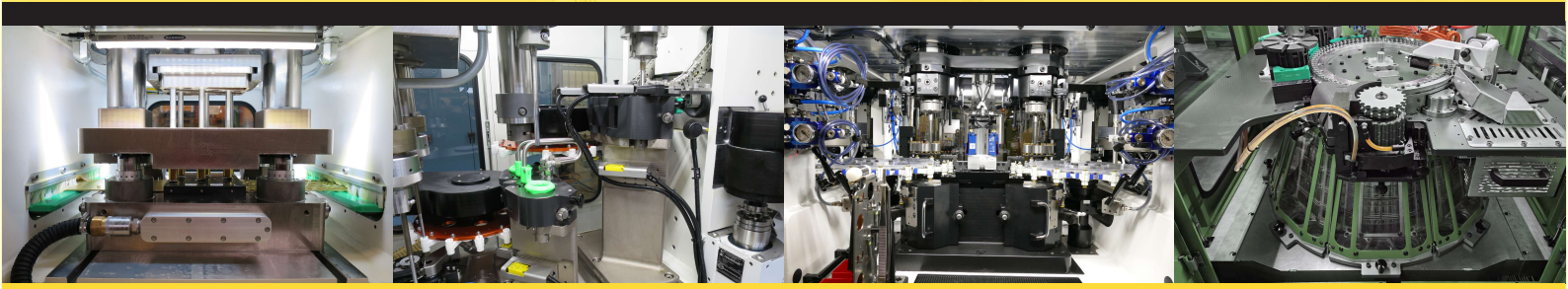


We offer more than machines



- State calculations
- Tool calculations
- Machine development
- Cleaning and annealing processes
- Chaining
- Commissioning
- Complete cupping - press tool block
- Dimensioning, tests and running-in at customer's site

We offer you full process support and the best service.



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