



**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**

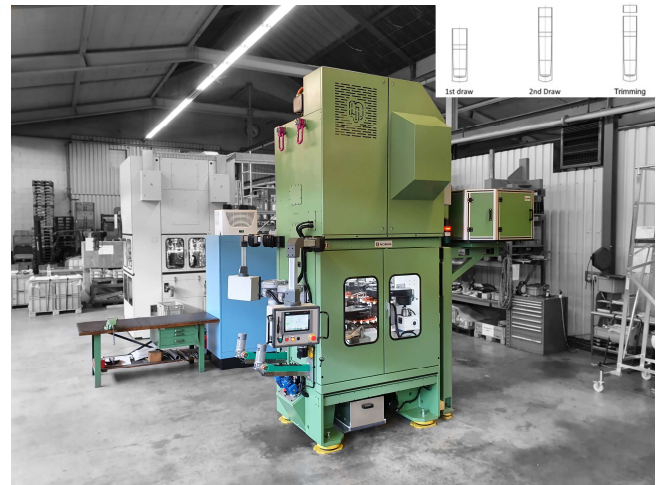
## Cupping Press Type NP



output up to 1'350 pieces/min

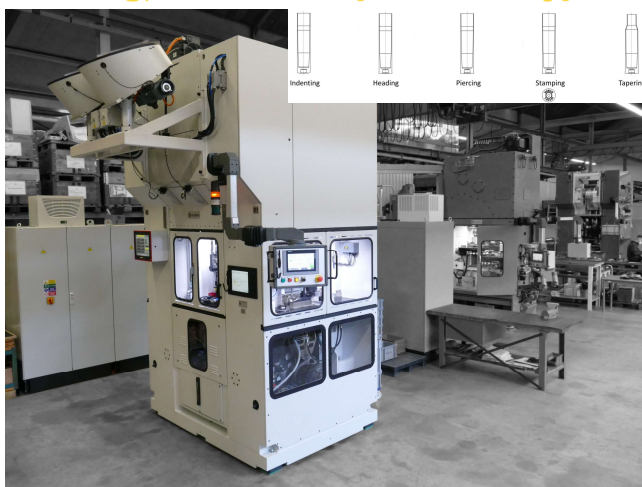
Washing, Annealing  
Pickling, Lubricating

## 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**

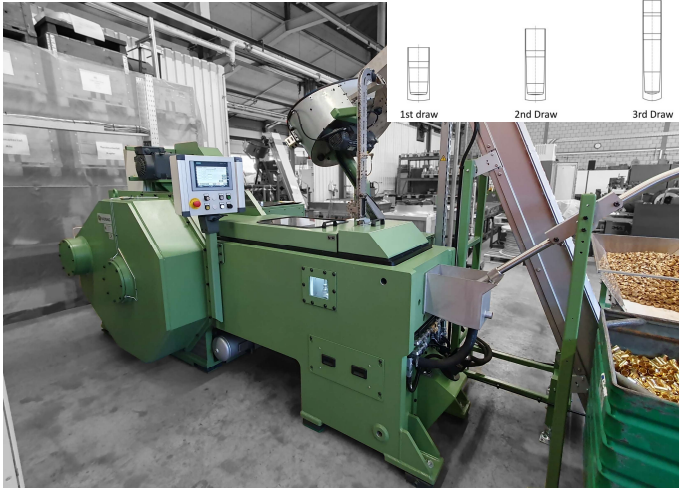
**All of the process steps listed can also be performed with single presses.**



# 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



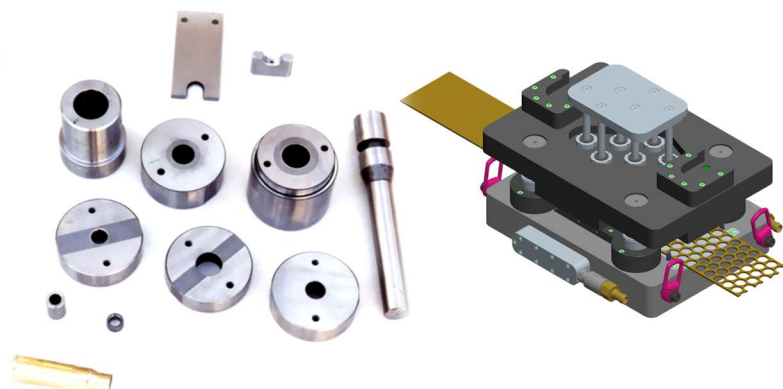
### Case body annealing machine Type RGM



### Neck annealing machine Type HGM



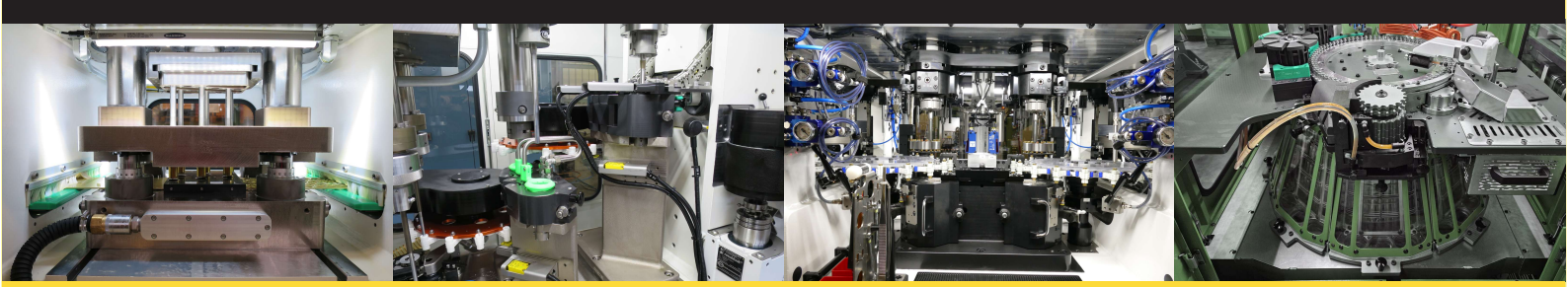
## We offer more than machines



- 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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