

# Nedform Academy

*Your way to maximum performance  
with cold metal forming*





## New opportunities with cold metal forming

Manufacturers of metal fasteners and parts are increasingly being asked to manufacture products with a complex geometry. Often these products will still be turned on a lathe, but high volumes mean that cold forming is an attractive alternative.

Cold forming does however require a great deal of knowledge about the basic materials, the necessary tools and machine operations to ensure that these more complex products are suitable for production on a multi-station cold forming machine. And this knowledge is what the Nedform Academy is all about.

### The advantages offered by cold metal forming

Cold forming technology allows the manufacture of metal fasteners and parts with superior mechanical properties at high speed and with a minimum of waste or even no waste at all. This technology provides an attractive alternative to conventional production methods, such as lathe-turning, milling, grinding, drilling and welding. Cold metal forming has proved to be very cost-effective, especially for the manufacture of high volumes of parts.



## Training by the experts in cold metal forming

For over fifty years now, Nedschroef Machinery has been developing cold forming machines and related tools for the manufacture of metal fasteners and parts. As a result, our specialists have a great deal of experience in and knowledge of cold forming technology. Naturally they also keep an eye on market developments and our customers' needs. For example they are constantly working out how the machines can operate even more efficiently and economically, while maintaining the optimum quality of the end product.

We want to share this knowledge with manufacturers of fasteners and parts and others who are discovering the possibilities offered by cold forming. This is the reason why Nedschroef Machinery has set up the Nedform Academy.





## Nedform Academy: theory and practice in one

The Nedform Academy is based at the Nedschroef Machinery premises in Herentals. The Academy offers a unique combination of theory and practice. In the modern conference centre, participants obtain an insight into all the theory relating to cold forming. Three NEDFORM machines are available for the practical component. NEDFORM is Nedschroef Machinery's state-of-the-art multi-station cold forming machine.

All training courses are given by experienced professionals - not only experts from Nedschroef Machinery, but also skilled external professionals who are active in the industry. The training courses are offered in two languages: English or German.



## Range of training courses

Nedform Academy offers three types of courses:

1. Three-day "Cold metal forming: from theory to practice" seminar
2. Machine training courses for operators
3. Tailor-made "From wire to fastener" training course

### ■ "Cold metal forming: from theory to practice" seminar

This three-day seminar is organised several times a year. The seminar is intended to provide manufacturers of fasteners and parts with a greater understanding of all the ins and outs of cold forming. This knowledge will certainly be useful for developing new products (value-added products). The seminar will provide answers to questions such as:

- *How does the raw material influence the forming process?*
- *Which forming processes exist and how can they be combined?*
- *Which tool concept can be used to manage the forming process?*

At our [www.nedschroefmachinery.com](http://www.nedschroefmachinery.com) website you will find the latest dates and information regarding registration.

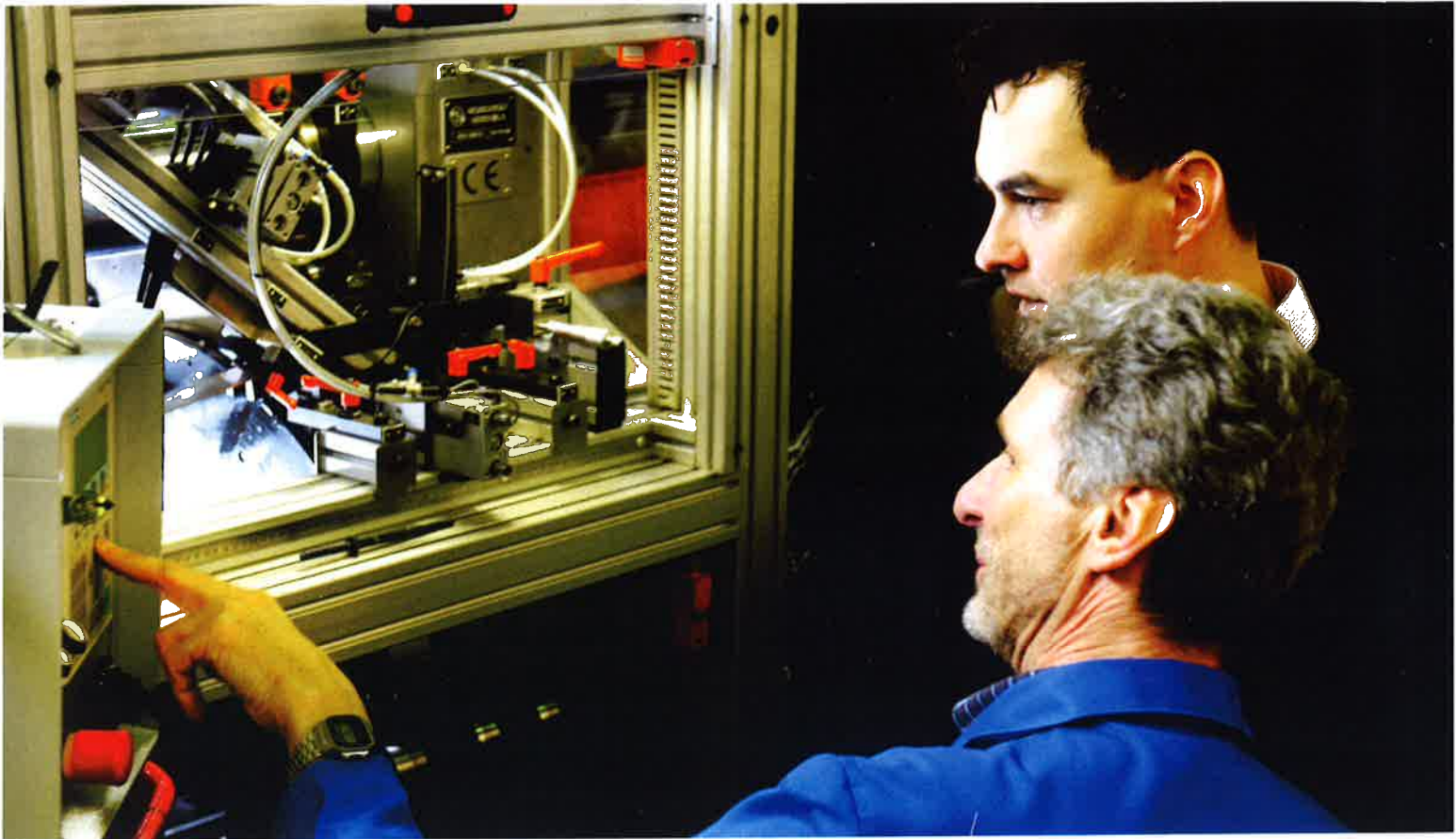
### ■ Operator training courses

Higher demands are made on machine operators in the manufacture of complex products. Nowadays, highly-qualified operators are hard to find. So train your operators yourself and by so doing get more out of your machine. At the Nedform Academy operators receive one-on-one practical training, which means that they become totally familiar with the NEDFORM machine. Three machines are available for this purpose: NEDFORM NH612, NB615 and NH622. The Nedform Academy also offers beginner courses (5 working days) and refresher courses for experienced operators (which are tailor-made).

### ■ Tailor-made "From wire to fastener" training course

This course is aimed at new fastener manufacturers. The training course provides an insight into and knowledge of the entire manufacturing process from metal wire to the end product, including post-manufacturing processing, maintenance organisation, the logistics process, etc. The course can be completely tailored to your needs. The following modules are available as standard: general introduction, material knowledge, design of tools, tools preparation, heat treatment, surface treatment, sorting, packing, maintenance organisation, manufacture of nuts, applications/products and cold forming techniques. You yourself decide on the duration of the course and the modules you want to follow.





## Information and registration

Would you like to know more about the possibilities regarding training courses at the Nedform Academy? If so, please contact:

Nedschroef Machinery  
telephone +32 (0)14/257 141  
e-mail [nedformacademy@nedschroef.be](mailto:nedformacademy@nedschroef.be)

At [www.nedschroefmachinery.com](http://www.nedschroefmachinery.com) you can also find additional information about the courses and the dates for the seminars.

