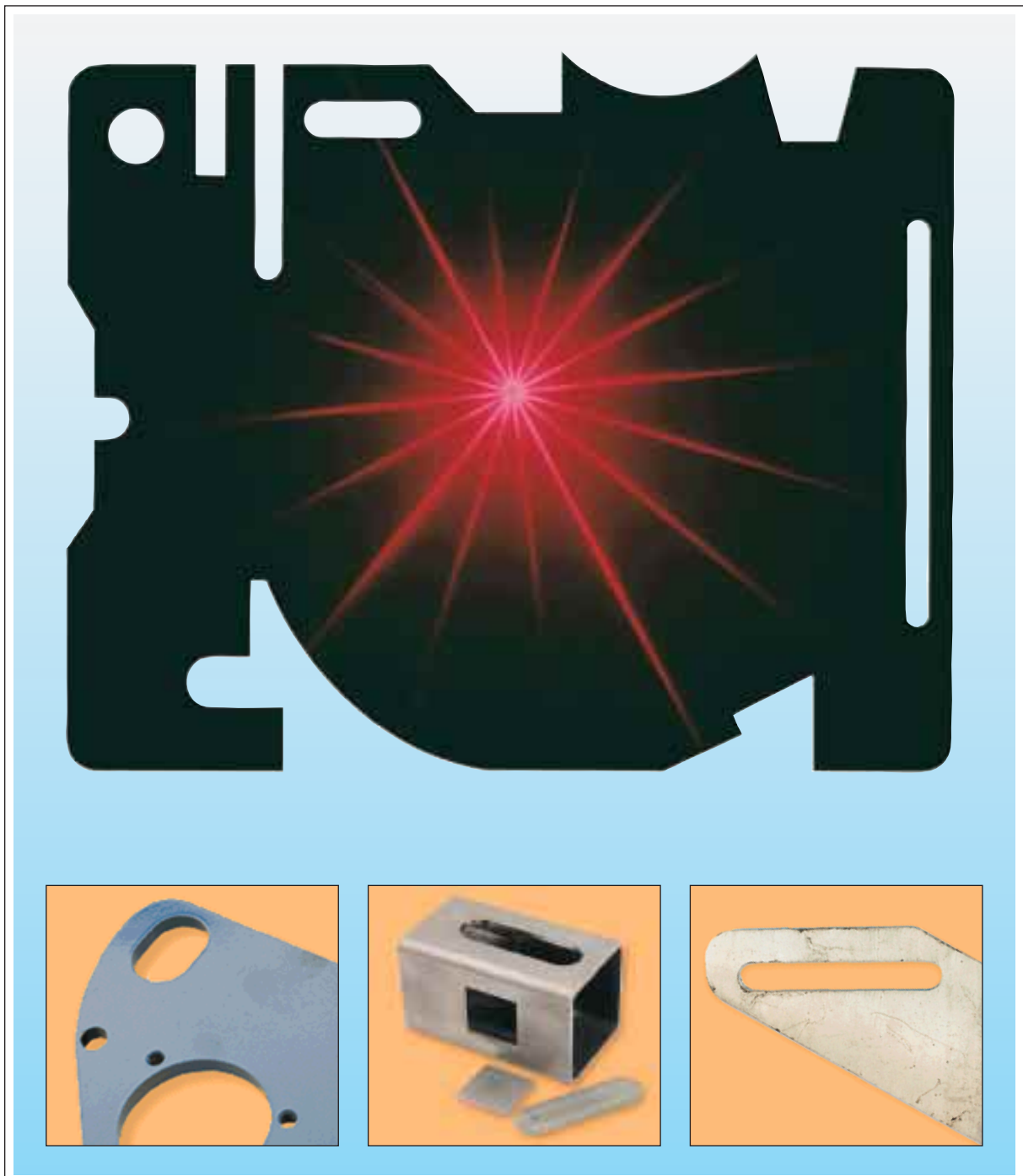


# LASER AND WATER JET CUTTING

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# LASER AND WATER JET CUTTING

Our drawing office uses modern CAD-equipment. We can offer support with your design work, or work with your drawings or diskettes.

Many CNC production machines are programmed at their work stations whereas all laser cutting machines are programmed directly from the drawing office.

## Quality Control

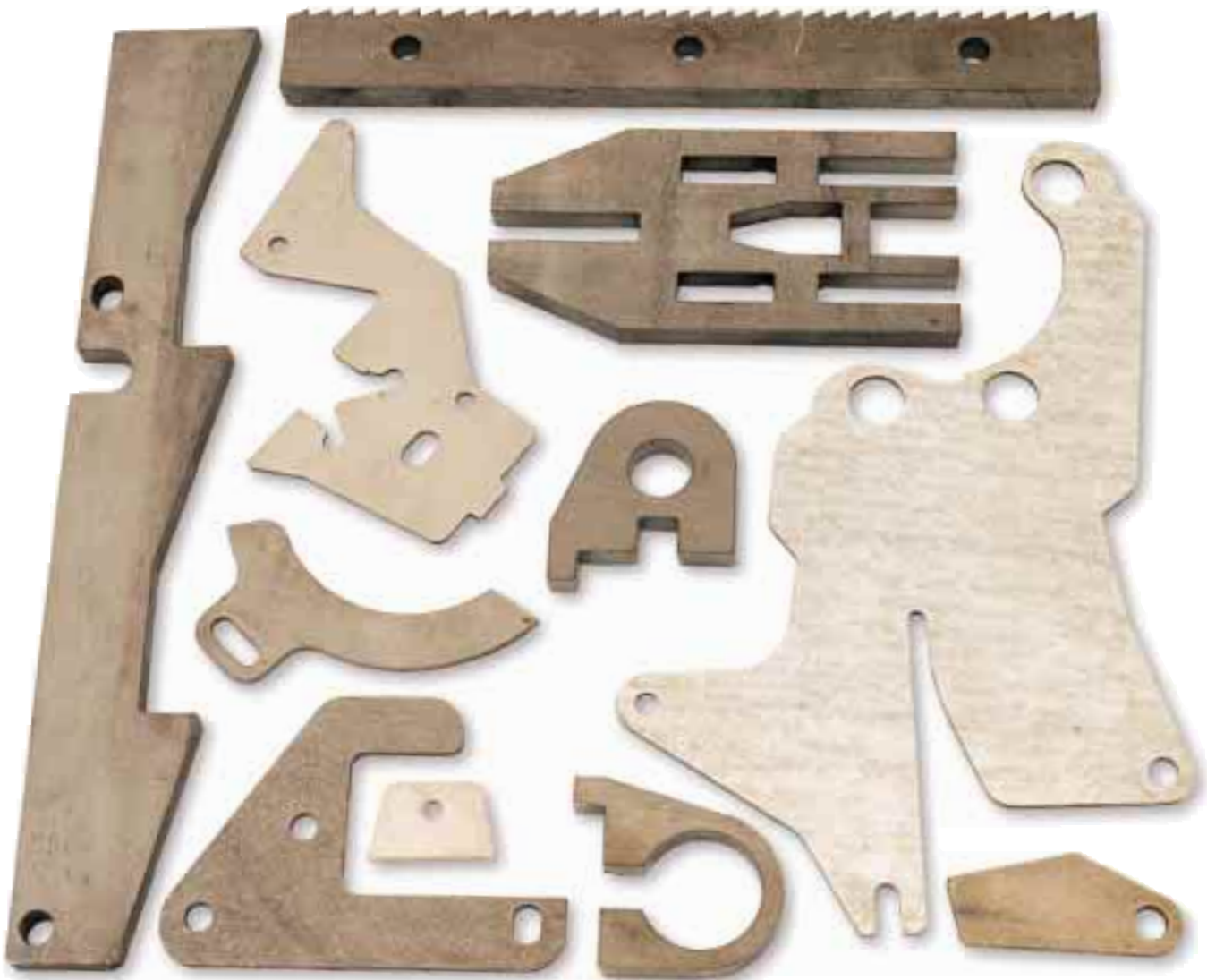
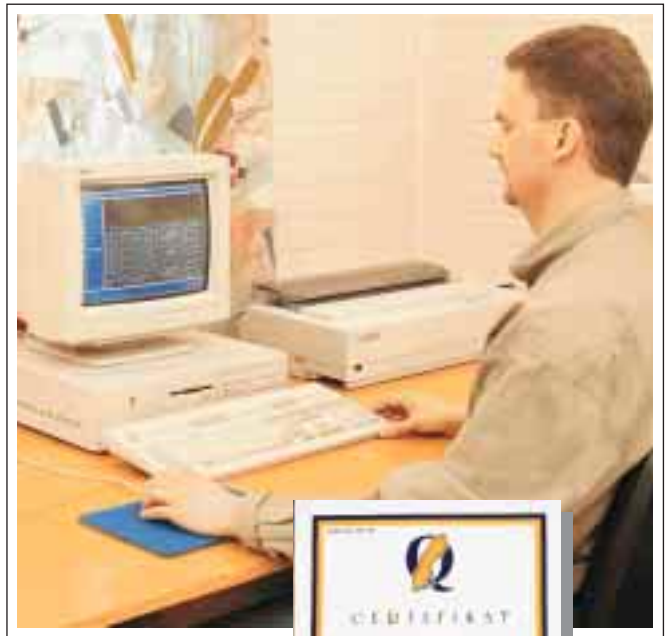
Every step in the production process is subject to strict control. We work according to quality system ISO 9001.

## Minimizing of Scrap

When designing parts and programming machines we calculate the ratio of utilization of the basic material, scrap is minimized.

## Rational Handling

We have always stressed the importance of material handling. With the best possible equipment, generously designed premises and carefully established material flow, as well as the support of skilled staff we guarantee rational handling and short time deliveries. Rational and careful handling of material includes stock of all basic material in weather-protected rooms for cleaner and more efficient work.



## Prototype Manufacture

Laser Cutting is a supreme method for the manufacture of prototypes and products in small and medium size batches. Due to the fact that no special tools have to be manufactured, a very economical and fast method of manufacture is achieved.

Realize your ideas with us. We have large capacity and are at your service.

### Cut Faces

Laser Cutting gives precise right angle cuts. The cut faces are very smooth and finish grinding is normally not required. (tolerance  $\pm 0,1$  mm),

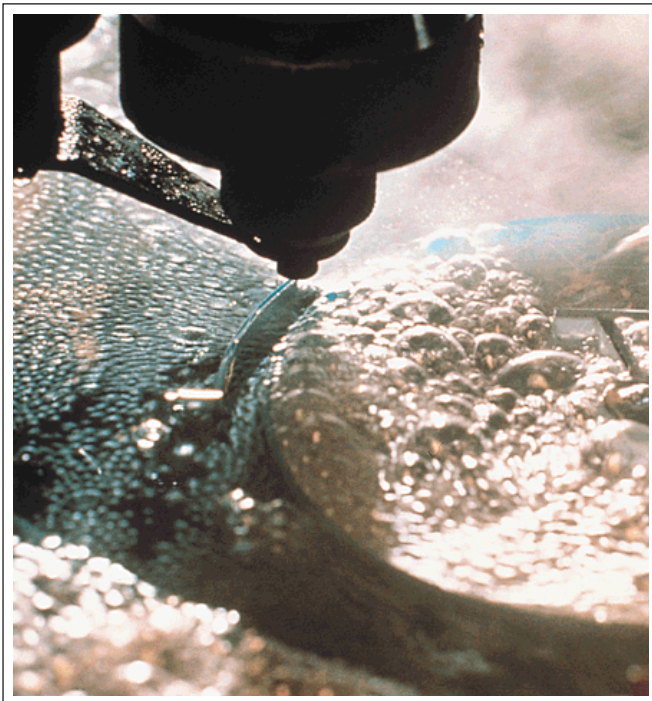
### Material

Our laser cutters are designed for cutting carbon steel up to 15 mm, stainless steel up to 10 mm and aluminium up to 3 mm thick. Even other types of material can be cut, but a test is recommended

### CAM Cutting

Our CAD equipment is connected on-line to the laser cutters. This results in fast deliveries and close tolerances. We would be pleased to assist you with a CAD-drawing.

If you work with auto-CAD, you can send your drawing filed on diskette, saved in DXF file. This saves programming cost.



## Water Jet Cutting

An alternative to laser cutting is water jet cutting. With this method all types of metal up to 50 mm thick can be cut.

As this method is a cold process, no changes in the structure of the edge zone occur. This also means that all types of material such as wood, glass, natural stone, ceramics, rubber, plastics as well as porous material can be cut. Apart from the cutting method, water jet cutting functions in the same way as laser cutting.

## Tube Cut-Outs

Tube cutting facilitates notching of practically any shape. The tube is rotated during the cutting process with the result that the cut-outs always have the same angle, in relation to the tube centre. Maximum tube diameter 130 mm, box section 300 mm.

