



**DERATECH**

**your expert in  
sheetmetal working machines**

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# Who is Deratech?

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## DERATECH specialises in the design, development, production, sales and service of sheet metal working machines



*"We strive for an excellent price/quality. We think along with the customer, from the start, and offer a solution."*

**Nico De Vooght**  
Manager Deratech

**W**e manage and control the entire process from start to finish. Frames are welded by in-house-developed robots, a heat-annealing installation prevents deformations, we have our own blasting booth, our own spray booth ... The goal was – and remains – to develop, produce and install every machine from start to finish.

Key for us is to work exclusively with high-quality components. We make no concessions to this. As a relatively new manufacturer, we sail a very conscious course, keeping the price interesting without sacrificing quality. Price cannot be our only selling point. We want to make Deratech a name that guarantees quality.

We strive for a top price/quality ratio. Where no follow-up is necessary. That is why we think along with the customer from the start. That is why we are very flexible throughout the process. That is our asset: we inform ourselves extensively in advance. What can we do? What is needed? What is there? What is on the market, how do you make it now and how can we organise it perfectly in the future.







**We give a 10 year warranty on every machine frame. Each frame is heat-annealed to relief stresses after welding.**

## What does Deratech do?

**D**eratech manufactures sheet metal working machines. From A to Z. We deploy 300 employees and for this we built a new Chinese production unit of 27 000 m<sup>2</sup>. We also produce all frames in-house. All machine parts and components used are from renowned European manufacturers.

Deratech works with high quality EU components at a competitive price. This philosophy is the basis of everything we do. To this end, we also target the large Chinese market. That is why we expand our production there. That's why the CEO of Deratech China is a local who is highly regarded in the sector. For us, that's where the key to success lies. We use European standards. This also means that we strive for constant improvement and high quality products. Sheet-metal working machines that are top of the range. Nobody wins if machines or parts do not perform perfectly after delivery. The customer doesn't. Neither do we.

After delivery, we provide good training. Down to earth. Regardless of how much time it takes, the operator has

to master the machine afterwards. He or she has to be happy about it. Be happy to work with it. A good reputation, a satisfied customer – and therefore a satisfied user – is at the basis. If necessary, we build a machine for your requirements. Without creating a large price difference. Added value.

We offer tailor-made solutions. There is flexibility in our offer and we know our trade in the field of technology. Deratech's strengths are the sum of a whole range of arguments. Combining as many advantages as possible and linking them to each other, that's the goal. We want customers who make a conscious choice, who participate in the clear philosophy we apply, in the plans we have.

A machine has a long lifespan, so the choice must be conscious, convincing and positive. Not after elimination, but after ticking off trumps.

## Our strengths

- Flexibility
- Best price / quality ratio
- We offer a solution
- Service and training

# Our products

Press-brakes

Shears

Laser cutting machines

CNC turret punching machines

Automation

Software

Tooling

## Did you know

at Deratech you are at the right address for a customized machine, according to your wishes, needs and requirements.

# Press-brakes

Deratech has an extensive range of press-brakes. From the compact Minibend with 35 tons x 1 meter to the Heavy Duty version with capacity up to 2000 tons and a bending length of 10 meters. Tandem and tridem configurations. Electric, hybrid and hydraulic versions.



### Compacte Minibend

- Compact design
- Fast – up to 300 mm/s approach speed
- Servo-drive

### Ultima Hybrid

- Energy-efficient servo-drive
- Extremely fast cycle times
- Whisper quiet



### Heavy duty

- Up to 2000 ton and more
- Tandem and tridem execution
- Customizable







**Technica**

- Extremely complete entry-level machine
- Mechanical or hydraulic crowning
- Best value for money



**Ultima**

- High End
- Customizable
- Mechanical or hydraulic crowning

# Fiber lasercutting machines

Size 1500 x 1500mm up to 2500 x 10.000 mm,  
from 1 up to 8 kW

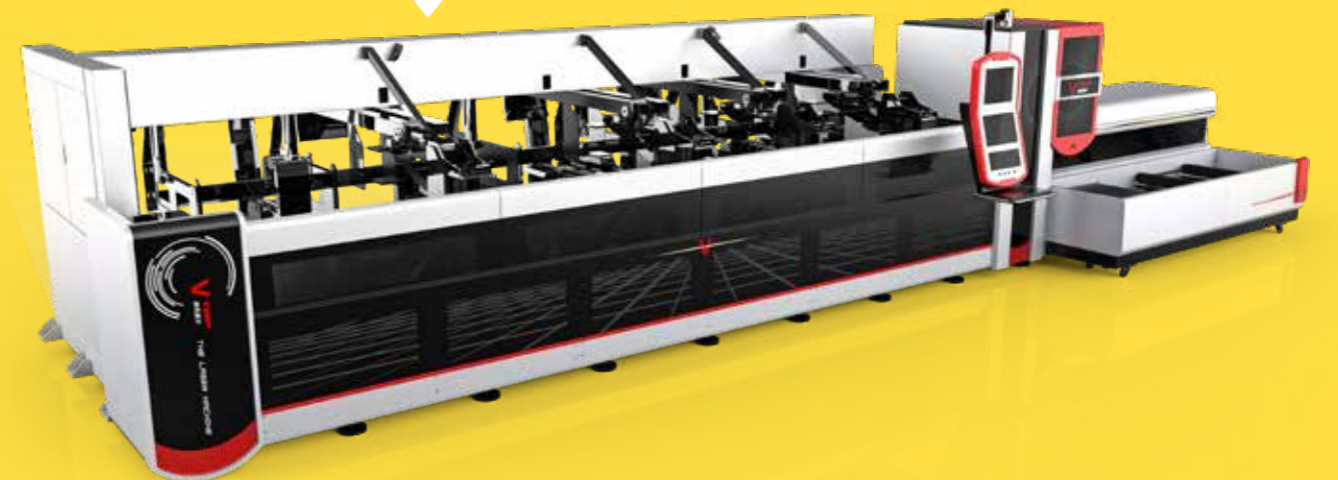
**Supera**

- Flexible possibilities
- Lasercutting at best price / product
- Affordable



**Futura**

- Tube laser for tubes up to 350mm diameter and 100 kg/meter tube weight
- Automatic loading – unloading possibilities
- Bevel cutting head



# Shearing machines

Oscillating swing-beam shears and guillotine shears with adjustable rake angle.



- Varia**
- High-precision production shear
  - Extensive automation possibilities
  - Extremely solid ( e.g. 3m 6mm : 8.930 kg )

- Practica**
- (Very) Heavy duty swing beam shears
  - Small cutting angle for minimal distortion
  - Custom made solutions



# Turret punching machines

With the DINAMICA series, Deratech offers you a modern, high-quality servo-electric punching machine with a capacity of 20 or 30 tons.

- Dinamica**
- 20 or 30 ton servo drive
  - Stable, closed O-frame
  - Unbeatable value for money



# Punch laser combi

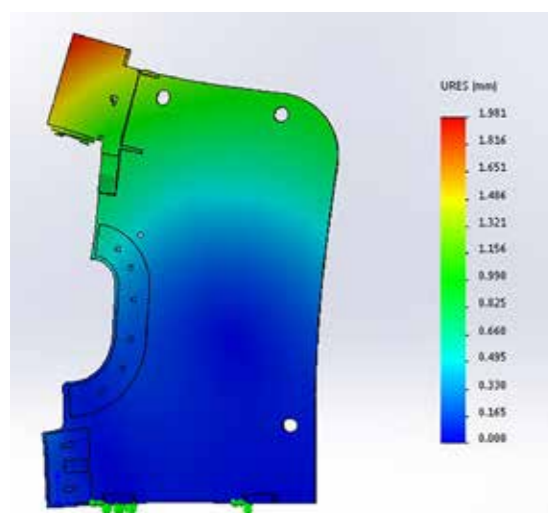
- Dinamica COMBI - LPA**
- Ultimate flexibility
  - 2 technologies for the price of 1
  - Various automation options







Frames are cut in house on high quality cutting machines. This makes us extremely flexible to produce custom-made machines quickly and cost-efficiently.



Deratech machines are built with a few tons extra steel. The extra weight is not the big production cost, but ensures stability and robustness. It results in reliable and accurate machines with a long service life. All frames and parts are calculated for strength and deflection with “finite elements” method.

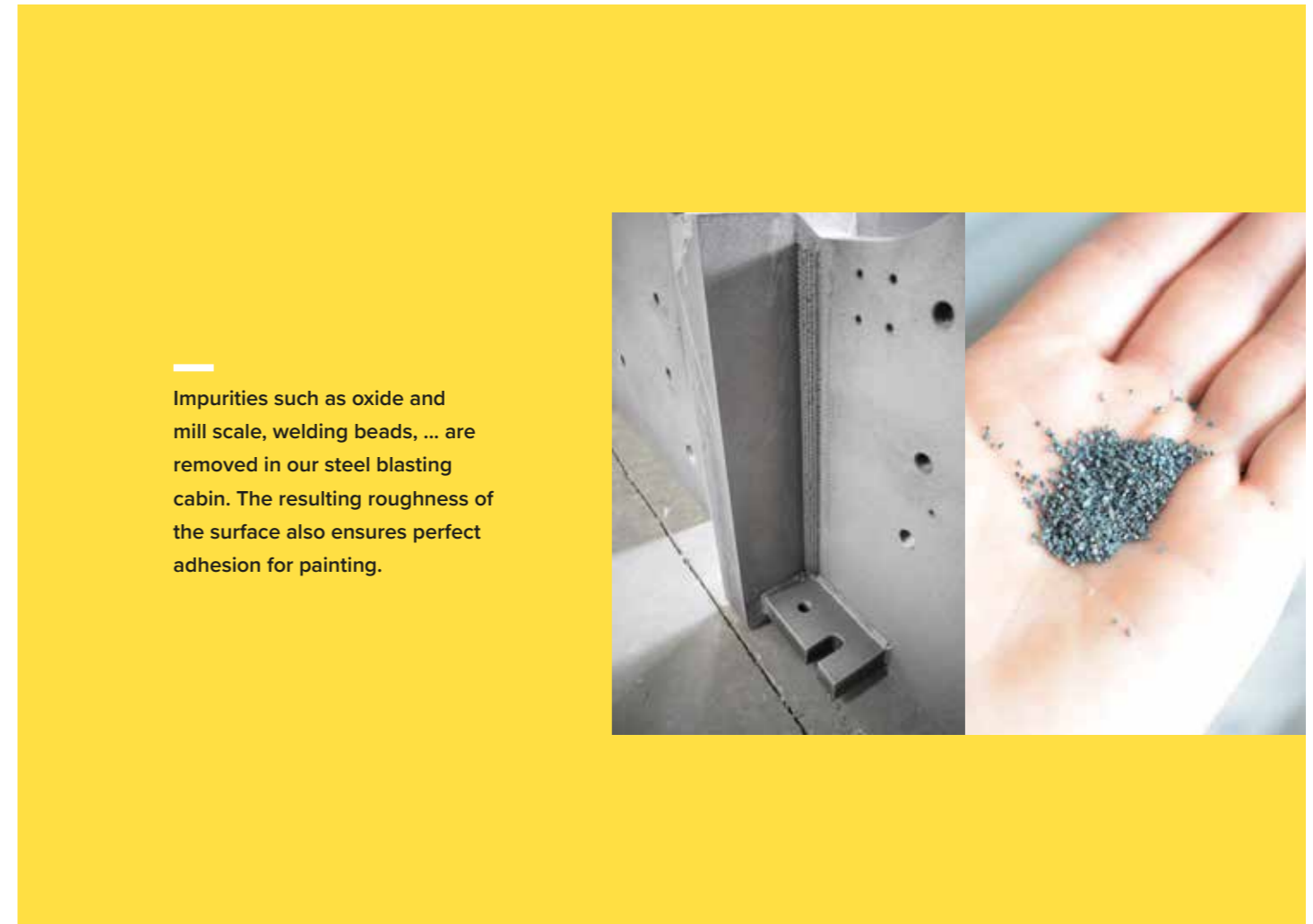
Frames are robot-welded to obtain a high-quality weld of consistent quality. Simultaneous welding with four torches not only achieves a high efficiency but also minimizes distortion caused by welding.







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After welding, stresses inevitably build up in the frame. We have our own furnace to heat-anneal frames and parts stress-free.



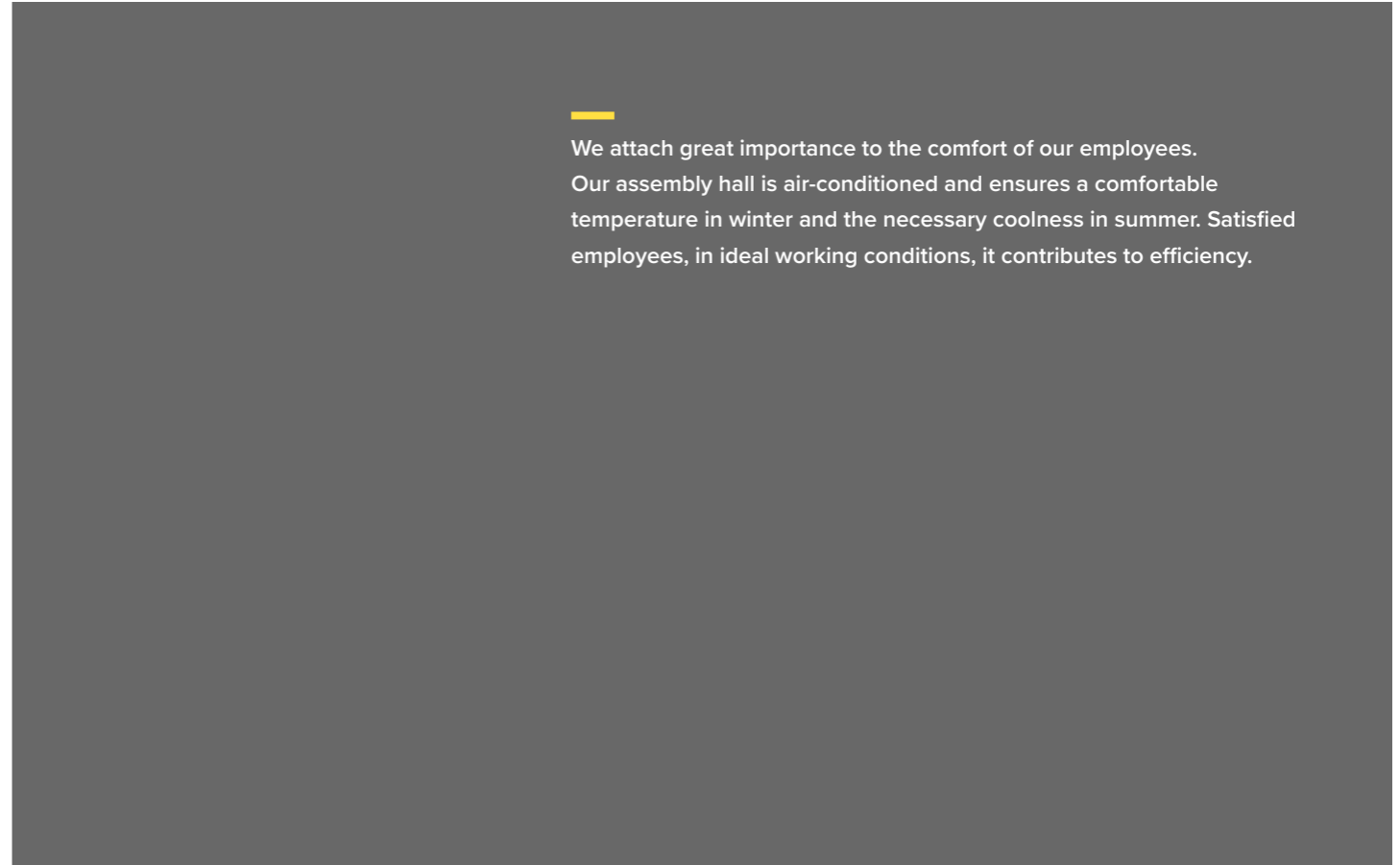
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Impurities such as oxide and mill scale, welding beads, ... are removed in our steel blasting cabin. The resulting roughness of the surface also ensures perfect adhesion for painting.







Frames are milled in one go on brand-new CNC milling machines. A precise machine requires a precise and modern production device.



We attach great importance to the comfort of our employees. Our assembly hall is air-conditioned and ensures a comfortable temperature in winter and the necessary coolness in summer. Satisfied employees, in ideal working conditions, it contributes to efficiency.





# Automation

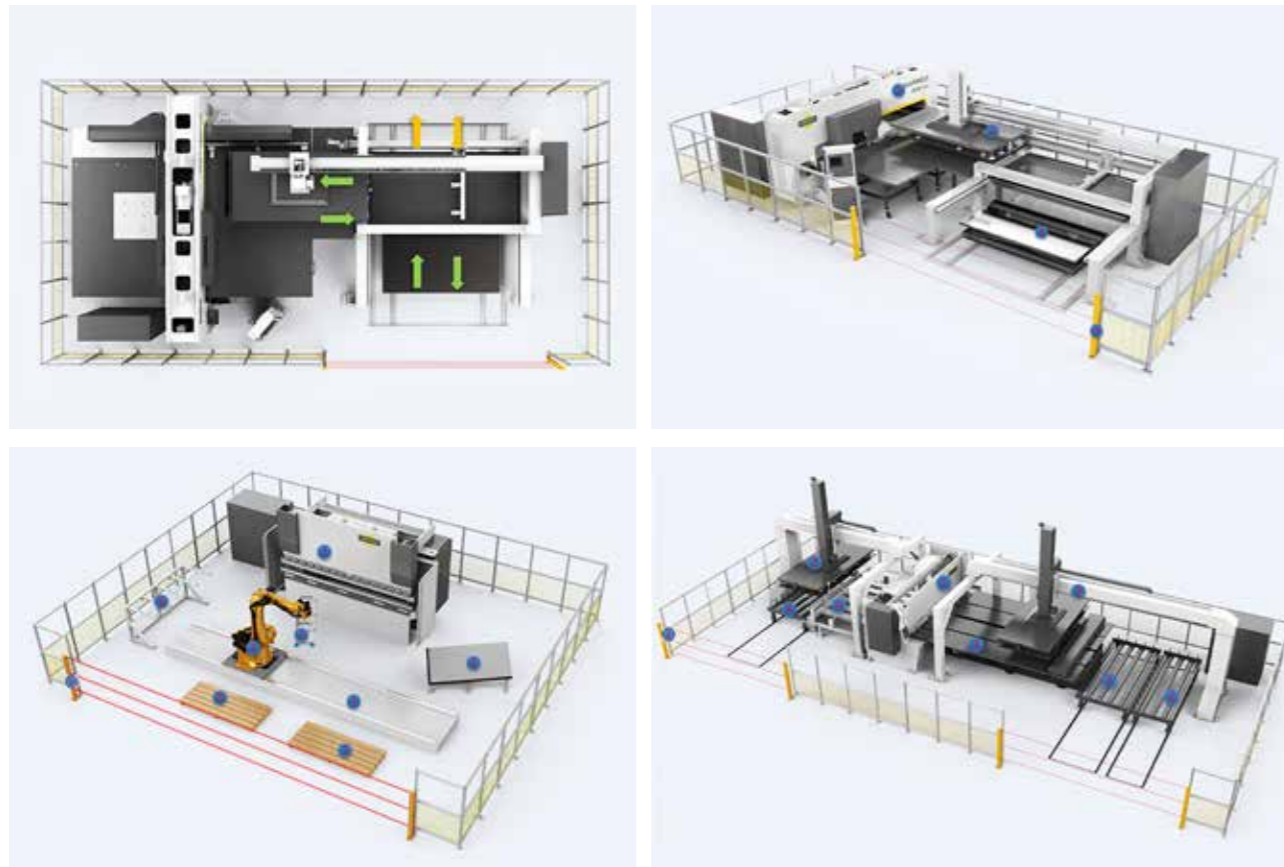
Deratech offers turn-key solutions to automate your production process.

Starting from a thorough study of the requirements and wishes, a solution is worked out in close consultation with the customer.

By actively thinking about the possibilities and our flexibility and openness in the design, we are almost always able to offer a suitable automation.

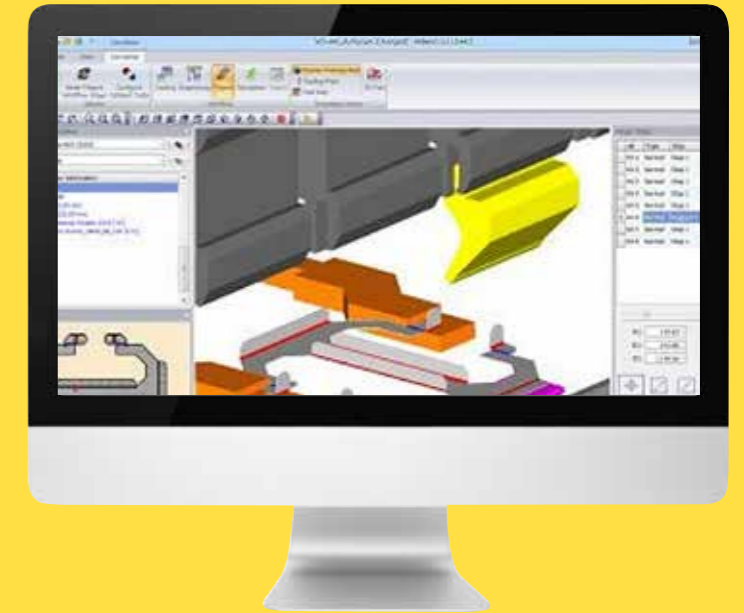
Where necessary, we work together with external partners.

Achieving the customer's objectives is always our top priority.



# Software

Deratech offers a suitable CAD-CAM software for every technology. To this end, we work closely with external parties. This offers you as a customer the exceptional advantage that you are not tied to the manufacturer of your machine.



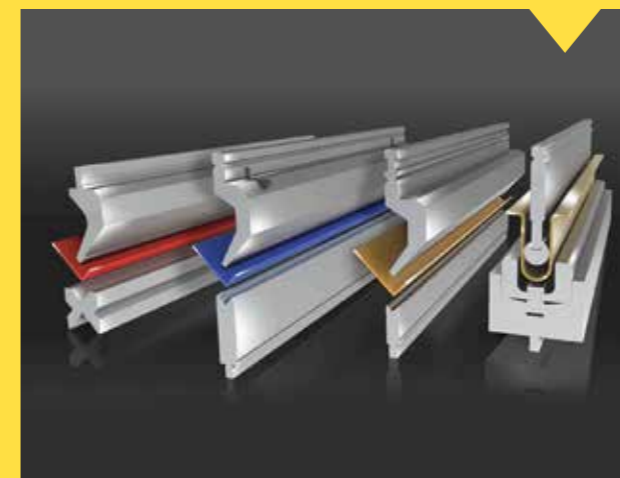
# Tooling

## Press-brake tooling

- All possible types and brands
- Standard or custom-made
- comprehensive consultation

## Shear blades

- Standard or custom-made
- Razor-sharp prices
- Possibility for installation







## Technology

### D-Touch

In-house developed touch-screen controller for shears

### D-Alpha

Angle measurement device. First bend = precise angle

### D-STM

Automatic sheet-thickness measurement device

### D-Crown

Dynamic crowning

### D-Move

Extremely fast heavy tool change system



# Our services

Service is of paramount importance to Deratech. In addition to the telephone helpdesk, we also support you with the choice of tools and the scheduling of a quick intervention on site.

Ask about our possibilities regarding teleservice. We make the correct diagnosis remotely. Intervention on-site is often not necessary and machine downtime remains limited.

For us, service also means keeping your existing machinery up to date. This way you always get the best out of your machines.



## Back gauge retrofit

A new back-gauge on your press-brake ensures greater efficiency, accuracy and productivity.



## Ombouw gereedschappen

Overschakelen naar een ander type van universele gereedschappen kan in de meeste gevallen zeer kostenbesparend zijn en biedt tegelijkertijd meer mogelijkheden.



## Safety conversion

A safety light curtain for your press-brake or plate shear ensures a safe workplace without sacrificing efficiency.

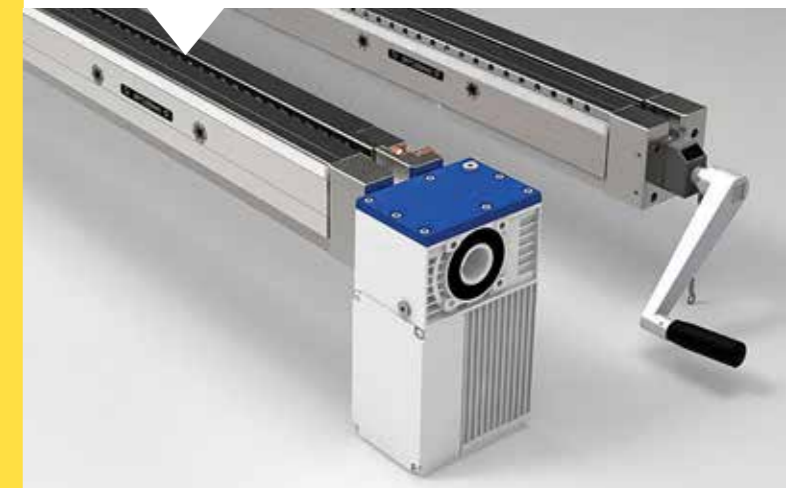
## Retrofit CNC-controller

We replace your defective CNC control and install a user-friendly, modern one with an acceptable price tag



## Ombouw bombeertafel

No accurate bending angle over the full length of your press-brake? A crowning table brings solution.



**René Kroon,**

**Munsters Metaal Helmond**

“De prijs-kwaliteitsverhouding zijn we zeer over te spreken. Mocht er al es een probleem zijn – wat zelden voorkomt – krijgen we direct respons.”





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