

## Notching Machines

Notching with 90°



| Type       | Notching of 90°      |
|------------|----------------------|
| LB 12/4    | 225 x 225 x 4 (3) mm |
| LB 12/6    | 225 x 225 x 6 (4) mm |
| LB 13      | 225 x 225 x 6 (4) mm |
| LB 15/2000 | 225 x 225 x 8 (6) mm |

Adjustable angle from 30° - 120°



| Type            | Notching of 30° - 120° |
|-----------------|------------------------|
| K 30-120 Mini S | 150 x 150 x 4 (3) mm   |
| K 30-120        | 200 x 200 x 6 (4) mm   |

Notching machines with 90° fixed angle and variable angle from 30-120°. Our TriGlide guidance system ensures clean cuts and high accuracy. Long blade life is assured even when cutting stainless steel. Most models can be equipped with a second station.



Three-Point Guiding  
TRI-GIDE Cylinders carry a 10-year factory warranty



## Manual Operated Punching Machine



EL 500 digital

The hydraulic punching machines of the Ecco Line series are designed for sheet metal, plate and profiles. The design is proven through the machines flexibility and accuracy. The machines of the Ecco Line series have 28 tons (optional 40 tons) punching pressure using the well-known Trumpf tooling system.

### ECCO LINE manual ( optional with digital readout )

| Type   | throat depth | X-axis  |
|--------|--------------|---------|
| EL 300 | 300 mm       | 500 mm  |
| EL 500 | 500 mm       | 1000 mm |
| EL 750 | 750 mm       | 1500 mm |



## Plasma Cutting and Combination with Punching



Combicut 1250 x 2500 Twin



### ERGO CUT

|                          |
|--------------------------|
| ERGO CUT 3015            |
| Working area 1530 x 3030 |
| ERGO CUT 4020            |
| Working area 2030 x 4030 |
| Cutting range 0,5-50 mm  |



Ergo Cut 3015

### COMBICUT

Sheet thickness up to 12 mm /  
Plasma performance 160A

|      |             |
|------|-------------|
| Type | 750 x 1500  |
| Type | 1000 x 2000 |
| Type | 1250 x 2500 |
| Type | 1500 x 3000 |

In a joint effort with the fine plasma technology firm of Kjellberg, Boschert has developed a cost effective alternative to combination punch / laser machines. Because of the advances in the fine plasma technology in recent years, it is now possible to cut even thin gauge sheet metal with very high quality. An additional advantage of the Boschert CombiCut is that our EccoLine, TWIN and TRI Machines can all be equipped with plasma. With this versatility Boschert can meet all customers requirements.



## Copper and Steel Bar Punching



CU Profi

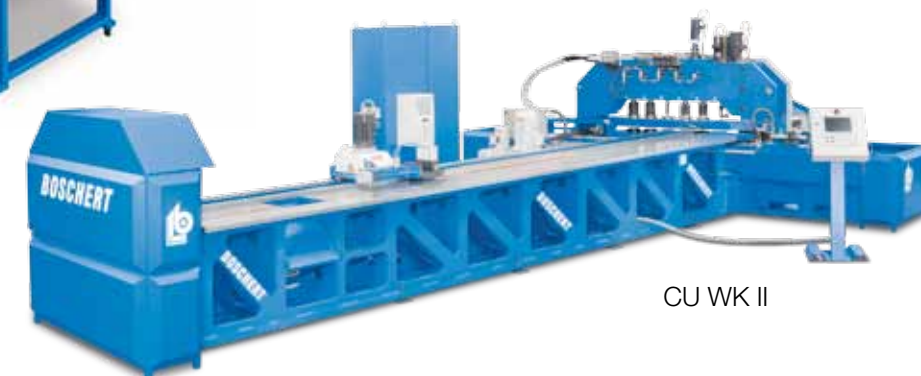
### CU PROF I

|                               |
|-------------------------------|
| Max. tool stations 5 - 8      |
| Max. material lengths 6000 mm |
| Punching force 400 kN         |
| Material thickness 3-15 mm    |

The CU-series of machines was developed specifically for the efficient processing of copper and steel bars. The machines can be equipped with 5 to 8 tool stations and can handle copper or steel bar in lengths of 4 or 6 meters with thickness to 15mm in copper and 8mm in steel.

### CU WK II

|                               |
|-------------------------------|
| Max. tool stations 15         |
| Max. material lengths 6000 mm |
| Punching force 280 und 400    |
| Material thickness 1-15 mm    |



CU WK II



## Boschert Press Brakes



Profi 28 CNC

### PROFI 28 NC / CNC

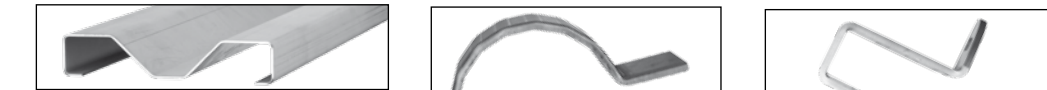
|                 |         |
|-----------------|---------|
| Bending force   | 280 kN  |
| Bending lengths | 1000 mm |



Profi 56 CNC

### PROFI 56 CNC

|                 |                       |
|-----------------|-----------------------|
| Bending force   | 560 kN                |
| Bending lengths | 1000 / 1400 / 2200 mm |



The Boschert Profi 28/56 press brakes are highly accurate. With bending forces of 28 and 56 tons it is possible to bend 10mm steel in lengths of 300 or 600mm. The Profi series press brakes are perfect complements to your existing equipment and are ideal for small parts and prototyping work.



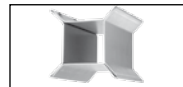
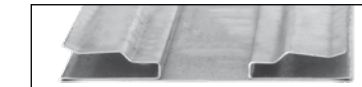
## Boschert Gizelis Press Brakes and Shears



G Bend 3210

|                 |                |
|-----------------|----------------|
| Bending force   | 800 - 2900 kN  |
| Working lengths | 2500 - 6000 mm |

To provide a complete line of sheet metal processing machinery, Boschert created a partnership with Gizelis. This Greece based, joint venture, operates from a brand new modern factory developed by the partners.



G Cut 3006 CNC

|  |
|--|
| Max. cutting thickness at mild steel 4-20 mm |
| Max. cutting lengths 2000-6100 mm            |

Gizelis has over 40 years experience in building high quality press brakes and shears and has delivered over 2.000 machines.



## CNC Punching Machines



COMPACT 1250 x 2000

The Compact series of punching machines allows an economical start to CNC punching. This high quality / low cost series of machines features user-friendly graphic programming and heavy duty C-frame construction. The design allows the working of oversized sheets by using automatic repositioning and turning the sheet. Punching force of 28 or 40 tons is available with punch diameters up to 105mm.

### COMPACT

|      |                |
|------|----------------|
| Type | 500 mm x 1000  |
| Type | 750 mm x 1500  |
| Type | 1000 mm x 2000 |
| Type | 1250 mm x 2500 |
| Type | 1500 mm x 3000 |

The machines of the TWIN/TRI series are equipped with two or three independent punch heads. Using two or three single tools or even a Revotool enables sheet metal machining with the innovative benefit of no tool change.

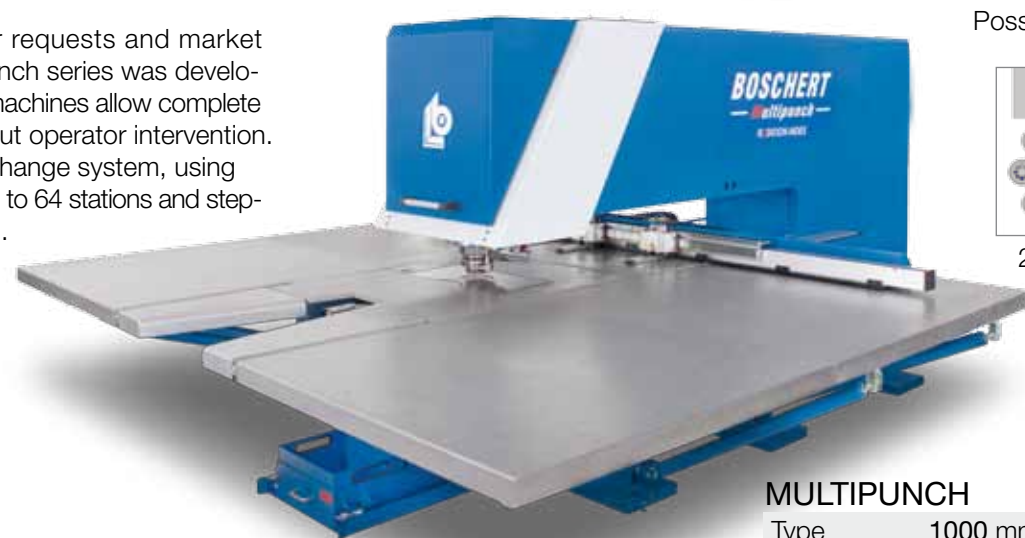
### TWIN / TRI

|      |                |
|------|----------------|
| Type | 500 mm x 1000  |
| Type | 750 mm x 1500  |
| Type | 1000 mm x 2000 |
| Type | 1250 mm x 2500 |
| Type | 1500 mm x 3000 |

TRI ROTATION

In response to customer requests and market requirements, the Multipunch series was developed by Boschert. These machines allow complete processing of sheet without operator intervention. A unique automatic tool change system, using Trumpf® style tools, has up to 64 stations and step-less indexing to every tool.

By using different die clearances for various sheet thicknesses, the Multipunch machines can be set up to run multiple repeating jobs in different materials.

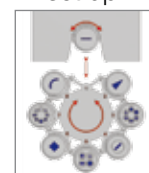


Multipunch 1250 x 2500

### MULTIPUNCH

|      |                |
|------|----------------|
| Type | 1000 mm x 2000 |
| Type | 1250 mm x 2500 |
| Type | 1500 mm x 3000 |

Possible tooling set up



23 tools



## Punching Tools



We supply punching tools of very high quality. Part of our Service Strength, is that we offer Punch Tooling for all of our Punching Machines, including Tools for Special Applications from design to supply. This includes Boschert Revotool, Trumpf and Amada Style.

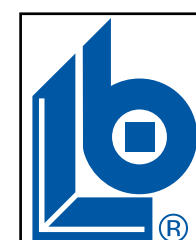
## Tool Grinding Machine Easy Sharp

### Easy sharp

Typ Trumpf  
Typ Amada



BOSCHERT now offers a tool grinding machine which easily justifies its purchase, even for a small amount of tools. To maintain the punch and die hardness during grinding our Easy Sharp is equipped with a coolant system. Regular and timely grinding of the tools guarantees a constant punch quality and increases the tool life as well as protecting your punching machine. We would be happy to discuss the advantages of the user-friendly EASY SHARP tool grinding machine from Boschert.



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## Sheet Metal At Its Finest



Punching  
Bending  
Cutting  
Notching  
Tool Grinding



## Overview Brochure



*simply better!*