



VESLATEC
LASER FOR USE



New laser technology 2014



Production :

Laser cutting ➡ Bending ➡ Laser welding ➡ Laser marking



- ❖ Working area 1,5 x 3 m
- ❖ Stainless steel 12 mm
- ❖ Aluminum 12 mm
- ❖ Copper 6 mm
- ❖ Brass 6 mm



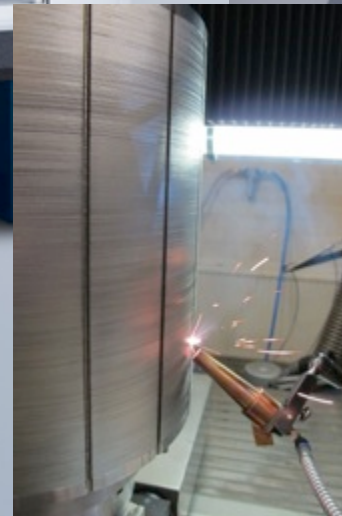
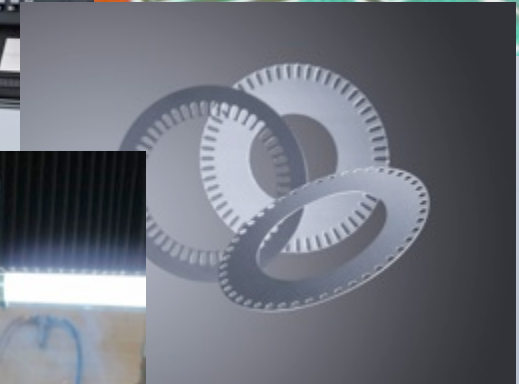
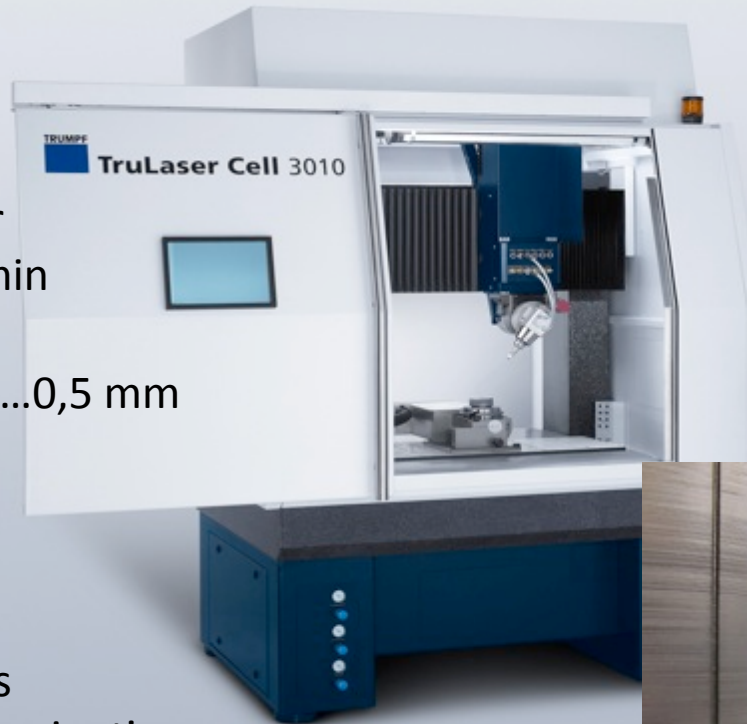
2/3 D LASER CUTTING AND WELDING

Benefits

- 5 axes
- Accuracy 15 μm
- Stone basement
- Cutting without bur
- Max. speed 35 m/min
- Also laser welding
- Thin steel foils 0,02...0,5 mm

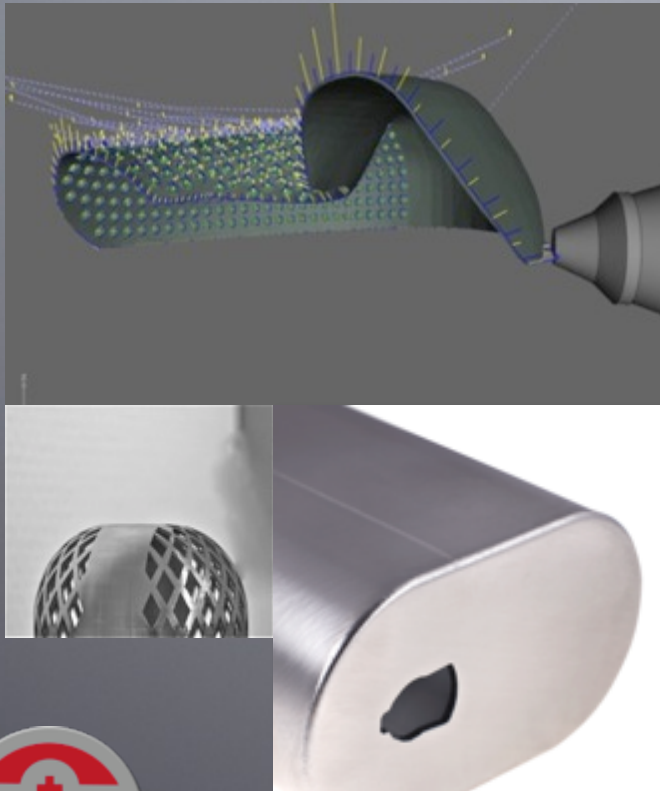
Applications

- Motor sheet
- Shim
- PCB
- Medical metal parts
- Welding of motor laminations

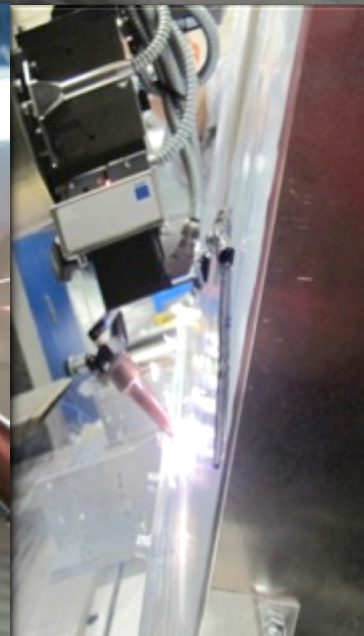
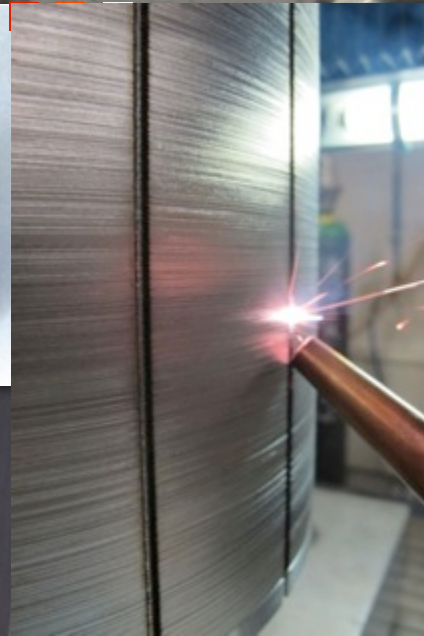


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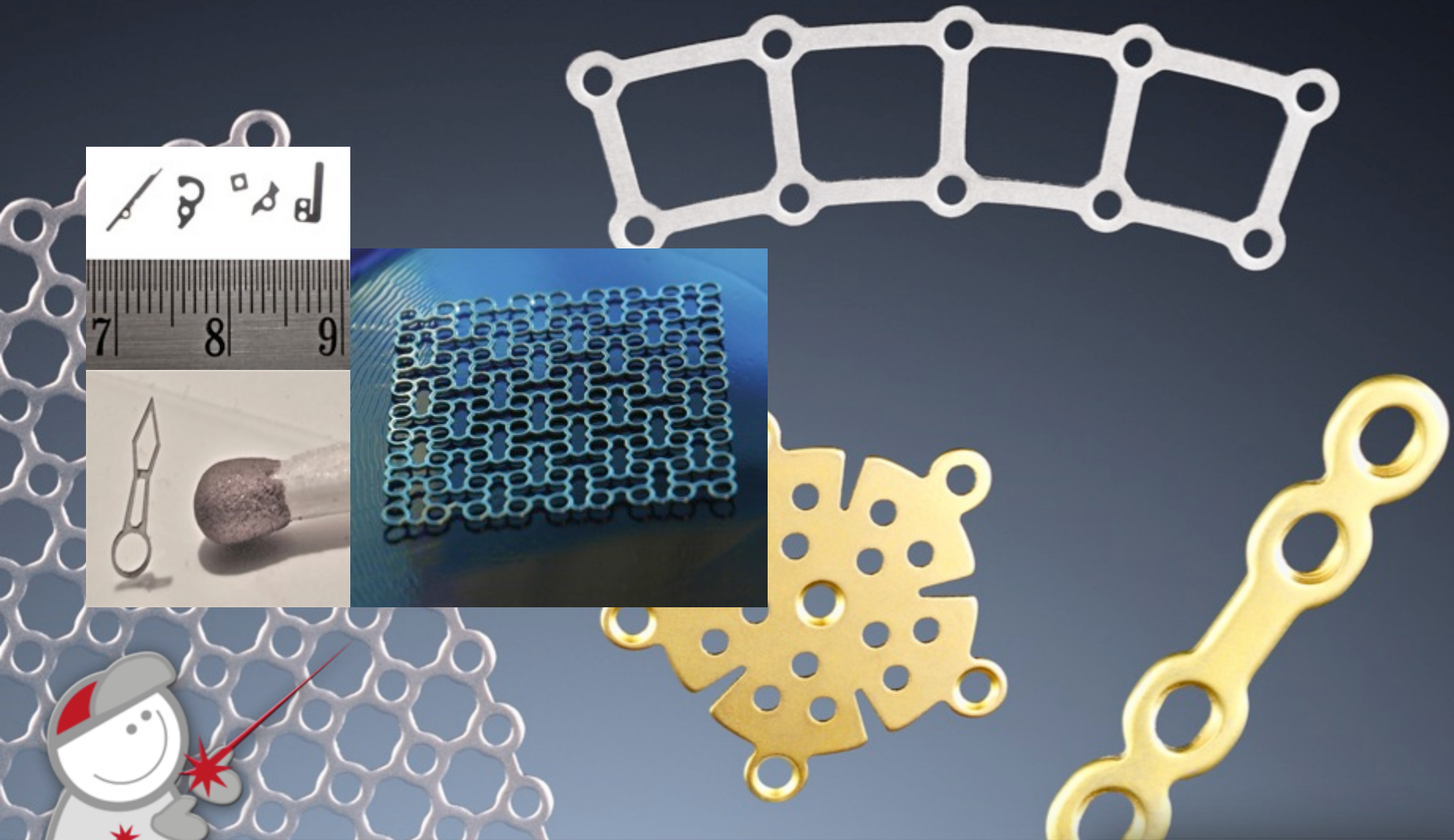
3 D PRODUCTS: Laser cutting and welding



Laser welding



Laser cutting



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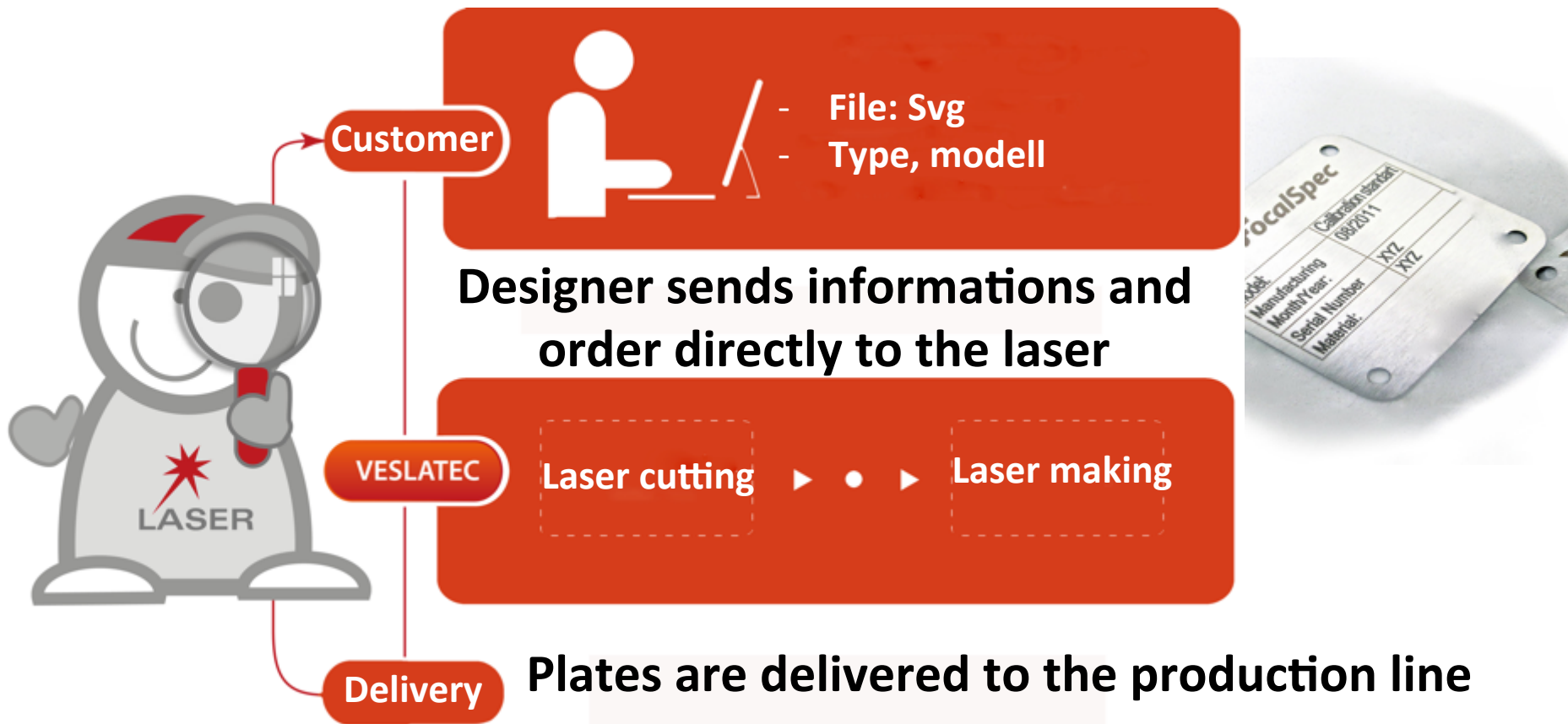
Laser marking



- Engraving, Ablation, Annealing, Color Change and Foaming
- Max. marking area 500x500 mm
- Fiber or diode laser
- Files: dxf, pdf, svg, txt, jpg
- Materials: metal, plastic, painted surface, ceramic



Laser marking process



References



WÄRTSILÄ



nanroland



mectalent



KBA



NANOCOMP

polytype



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Thank You !

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