



## Company Profile :Hake Metal

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# Company Profile



Hake Metal ;

is a strong candidate to be the market leader in Laser cutting, bending and welding with more than 15 years of experience in industry.

Working with 3 Trumpf laser cutting machines, 3 Trumpf Bending machines in 2000 sqm. closed area.

Our new upcoming Trumpf Fiber Laser ( available at June-2013 ) cutting machine will help us cutting materials such as Brass, Cupper , Nickel and such non-ferric metals and materials.

Our Bending department has 3 Trumpf Bending machines, where, we can bend 4 meters long parts with a maximum thickness of 12mm for structural steels.

Our Metal Forming department has 2 hydrolic presses and 2 High Speed Mechanical presses.

Our Welding Department has welding processes , including TIG/MIG, welding not only Structural steels but also Stainless Steel , Raw and High Tech Aluminum and also Brass Materials.

Hake is managed by our own Erp system with our Quality system, providing best customer satisfaction and quality goods to market.

# Capacity And Performance



Hake Metal ;

With its flexible production place, can complete your projects and parts dimensions up to 12 meters and maximum weight of 10 ton.

With its huge sheet metal processing capability, we can process up to 5000 tons / year .

With its qualified engineers, experienced foremens , and certificated weld man you can trust our quality.

With our own production, we can assure you the best prices with highes quality.



# Significant Numbers



## Working hours / Days :

- 4 Cnc Trumpf Laser Cutting Machines
- 3 Shifts / day – 360 Days a Year
- 12+ Welding Stations

## Processing Capacity : (Cutting,Welding)

- Parts up to 12 mt length and 8 mt height
- 400 tons of Sheet Processing / Month
- Up to 5000 tons / year

## Personnel :

- 3 x Mechanical Engineers
- 2 x 3-D Software Modeller
- 4 Quality Control Personnel



# Production - Laser Technology



Trumpf Trulaser 3030 Co2



Trumpf Trulaser 3530 Co2



Material	Steel	Stainless steel	Aluminium
T min	0.5 mm	0.5 mm	0.5 mm
T max	20 mm	15 mm	10 mm
Format max	3000 x 15000 mm		

# Production - Laser Technology



Trumpf TruMatic 2510 Co2 Laser



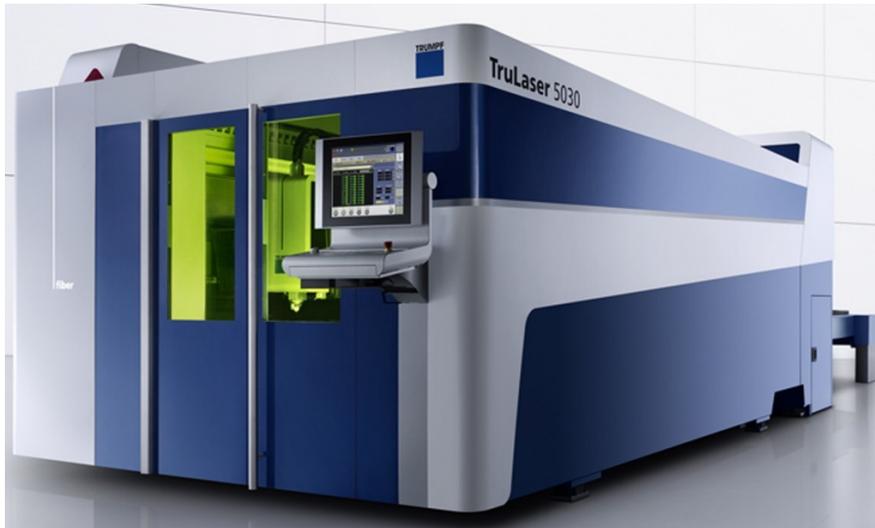
Fully Automated Production ,  
Minimized Scratches on decorative parts

<b>Material</b>	Steel	Stainless steel	Aluminium
<b>T min</b>	0.5 mm	0.5 mm	0.5 mm
<b>T max</b>	20 mm	15 mm	10 mm
<b>Format max</b>	2500 x 1250 mm		

# Production - Laser Technology



## Trumpf TruLaser 5030 Fiber Laser



Capability of Cutting non-ferric materials such as **Brass** and **Copper**, **Zinc** and **Nickel Alloys**

Material	Steel	Stainless steel	Aluminium	Copper	Brass
T min	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm
T max	20 mm	15 mm	10 mm	3 mm	6 mm
Format max	3000 x 1500 mm				

# Production – Sheet Metal - Folding



Trumpf TruBend 5130



Trumpf TruBend 3180



Material	Steel	Stainless steel	Aluminium
T min	0.5 mm	0.5 mm	0.5 mm
T max	12mm	10 mm	10 mm
Format Max	3000 – 4000 mm		
Press Force Max	130 Ton–180 Ton		

# Production – Sheet Metal - Folding



Trumpf TruBend 7036



Servo Controlled – Highest Bending Rate  
Machine of the world

Material	Steel	Stainless steel	Aluminium
T min	0.5 mm	0.5 mm	0.5 mm
T max	3 mm	3 mm	4 mm
Format Max	1250 mm		
Press Force Max	40 Ton		

# Production – Sheet Metal - Drawing



Material	Steel	Stainless steel	Aluminium	Copper	Brass
T min	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm
T max	6 mm	6 mm	6 mm	3 mm	6 mm
Format max	400 x 400 mm				

# Production – Welding



## WELDING MACHINES

## Quantity

ESAB ORIGO 3000V AC/DC TIG/MIG

1

ESAB ORIGO 4200V AC/DV TIG/MIG

1

OERLIKON 2500V AC/DV TIG/MIG

2

OERLIKON RS 300 MK MIG/MAG TIG/MIG

4

OERLIKON RS 500 MK MIG/MAG TIG/MIG

2

16 KV SIMSEK SPOT WELDING MACHINE

2



## WELDING WORKPIECE

Steel

Stainless steel

Aluminium

T min

0.5 mm

0.5 mm

0.5 mm

T max

20 mm

20 mm

10 mm

Max. Workpeace Weight

4000 kg

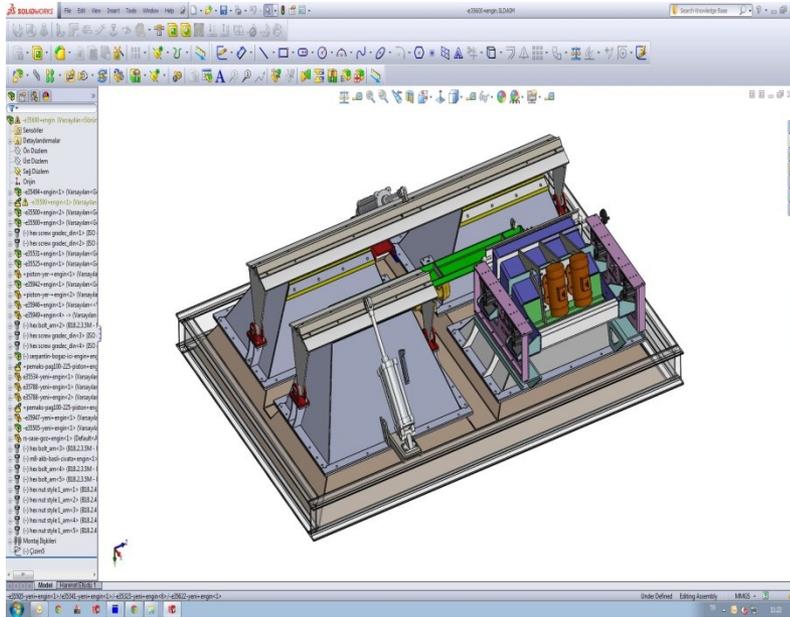
3000 kg

3000 kg

Max. Workpeace Dimensions

3000x3000x2000 ( hxlxd) in mm

# Products1 : Cement Silos, Modular Parts



Material : Structural steel ; Thickness 5-12 mm

Dimensions : 3000x1200x80 mm

Weight : 945 kg

Processes : 3d modeling, Laser Cutting, Bending, Welding, Sandblasting , Mechanical assembly

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# Products2: Walking Towers, Modular Parts



Material : Structural steel ; Thickness 5-155 mm

Dimensions : 6000x2000x2000 mm

Weight : 945 kg

Processes : 3d modeling, Laser Cutting, Bending, Welding, Sandblasting , Mechanical assembly

# Products3: Bending



Material : Structural steel ; Thickness 5-155 mm  
Dimensions : 4000x2000x2000 mm  
Weight : Varies  
Processes : 3d modeling, Laser Cutting, Bending,

# Products4: Aluminum Boxes



Material : Aluminum 2mm

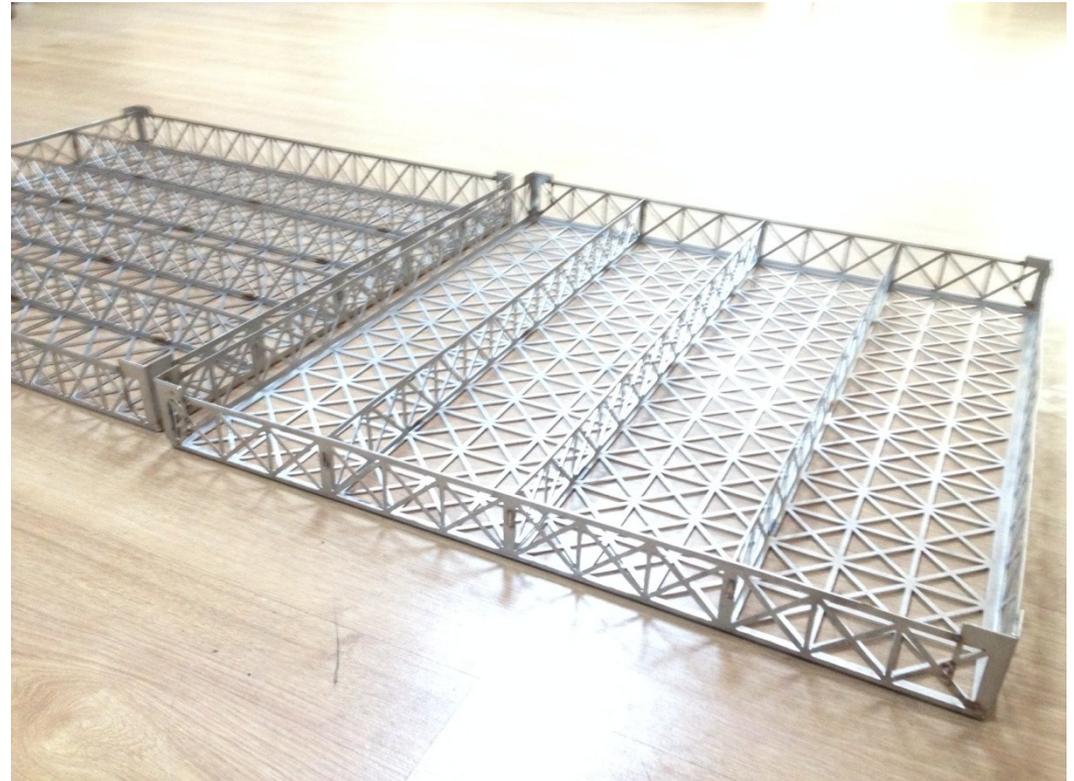
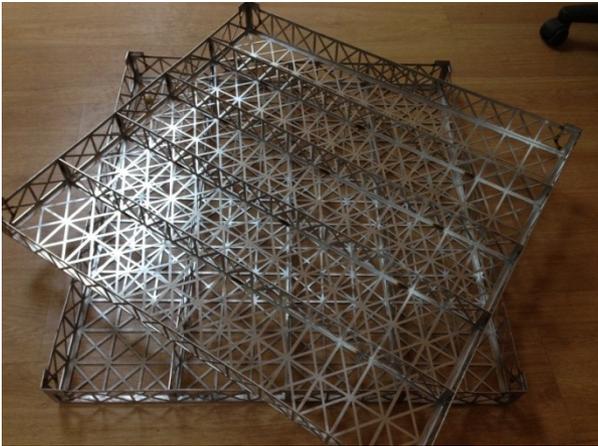
Dimensions : up to 2000x2000 mm

Weight : Varies

Processes : 3d modeling, Laser Cutting, Bending, Welding, Painting, Mechanical Assembly

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# Products5: Stainless Steel Trays



Material : AISI 316

Dimensions : up to 2000x2000 mm

Weight : Varies

Processes : 3d modeling, Laser Cutting, Bending, Welding , Sandblasting, Brushing

# Our Values and Vision



At Hake,

we lead with our values. All of our activities and decisions are based on and guided by these values:

- **People** - Treat all people with respect and dignity; value differences
- **Quality** - Pursue an unrelenting quest for quality; use speed and simplicity to achieve goals
- **Integrity** - Conduct ourselves with the highest level of integrity and business ethics
- **Customers** - Place the interests of customers first; our success depends on their success
- **Teamwork** - Commit to teamwork; seek out and utilize the ideas and skills of all associates
- **Technology and Performance** - Continuous improvement of our production processes and renovation of our machines to Reach for the highest standards of performance.



**THANK YOU**

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