

For metal and resin 3D printer entrusted modeling  
The fastest, highest quality and most detailed  
response  
Please leave it to J-3D Co., Ltd.



Our 3D molding services  
for metals and resins operate  
**24 Hours a Day**

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## No Waiting Time

Overwhelming service area and achievements.  
Furthermore, the molding factory operates 24 hours a day.  
If you can provide us with 3D data, we will be able to give you an estimate immediately.

2

## Various Kinds of Reliable Support

Our sales staff will be happy to help you anywhere in the country.  
Face to face is the characteristic of J-3D Co., Ltd.

3

## Overwhelming experience and high quality service

At J-3D Co., Ltd., we provide the highest quality modeled products through thorough staff training. We can promise to propose product reviews based on our overwhelming experience.

## » Main service

- Metal 3D printer entrusted modeling service
- Resin 3D printer entrusted modeling service
- 3D scanning service
- Reverse engineering service
- Modeling service

## » Owned equipment

### 3D printer

- EOS company EOSINT M280 3 units
- EOS company EOS M290 1 unit
- EOS company FORMIGA P110 1 unit

### Wire discharge precision contour machine

- Tina Tech DKV7732

### Blaster

- 2 IEPCO MICRO750S
- Fuji Seisakusho SFCF-3

### Electric furnace

- Ogico N41H

### Inspection machine

- ATOS II Triple Scan
- KEYENCE handy probe
- 3D measuring machine XM series

## » Holding material

- Maraging steel (MS1)
- Nickel-based alloy (IN718)
- Pure Titanium (TiCP)
- Aluminum alloy (AlSi10mg)
- Stainless alloy (outsourced)  
(SUS316L.17-4PH)
- 12 nylon (PA2200)





# Introduction to our Products

## Metal powder manufacturing systems

### Direct Metal Laser Sintering (DMLS)

Manufacturing machines that use a fiber laser

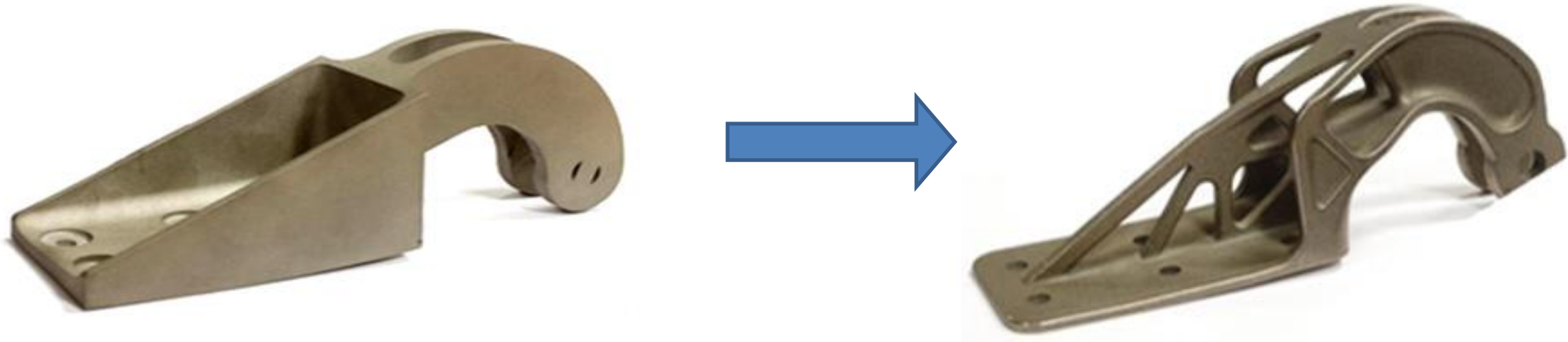
- ◆ EOSINT M280 (3 units manufactured by EOS)
- ◆ EOSINT M290 (1 unit manufactured by EOS)



- **Manufacturable range** : X 250 mm x Y 250 mm x Z 280 mm
- **Containing material**
  - : EOS MS1 Maraging steel (50  $\mu\text{m}$ )
  - : EOS IN718 Nickel alloy inconel (40  $\mu\text{m}$ )
  - : EOS TiCP Titanium alloy (30  $\mu\text{m}$ )
  - : EOS Alsi10mg Aluminum alloy (30  $\mu\text{m}$ )

# Application example for metal additive manufacturing (2)

## Component manufacturing (development / prototypes)



Placement of order

Completion

[Conventional  
method]

Materials  
procurement

Machine  
processing (rough)

Machine processing  
(semi-finishing)

Heat  
treatment

Finishing

Placement of order

Completion

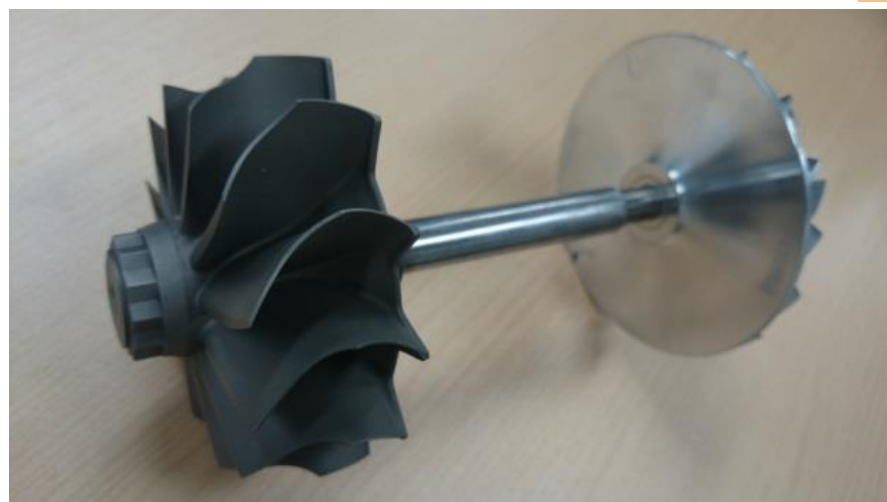
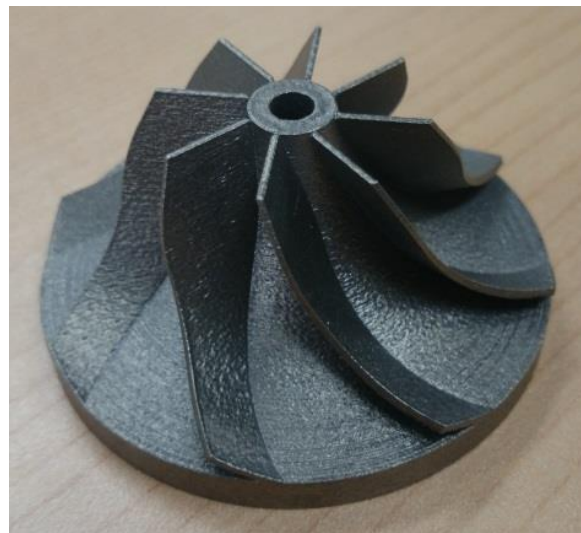
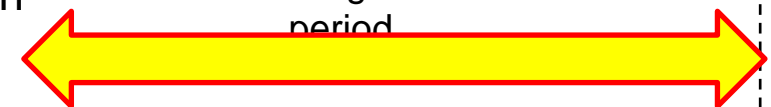
Shortening of work  
period

[3D  
manufacturing]

3D  
manufacturing

Heat  
treatment

Finishing



- Reduced weight
- Improved design flexibility
- Shortened work period from materials procurement to completion  
(Shortened development period)