



All for dreams

Innovative manufacturing with high-efficiency and high-precision DED printing beyond imagination

# LAMDA series



## High performance parts



- Lightweight due to hollow structure
- Improved wear resistance by surface coating

## Shorter lead time



Shorten processing time and procurement of materials by near net printing

## New material development



Material development by mixing different types of powder

## Large complex parts



- Simultaneous printing of multiple parts
- Manufacturing process innovation

## Prototype printing service



We support all needs, such as adding value to existing parts, manufacturing process innovation, metal material development, etc.



Directed Energy Deposition  
Additive Manufacturing System

## Technology

### Deposition Nozzle



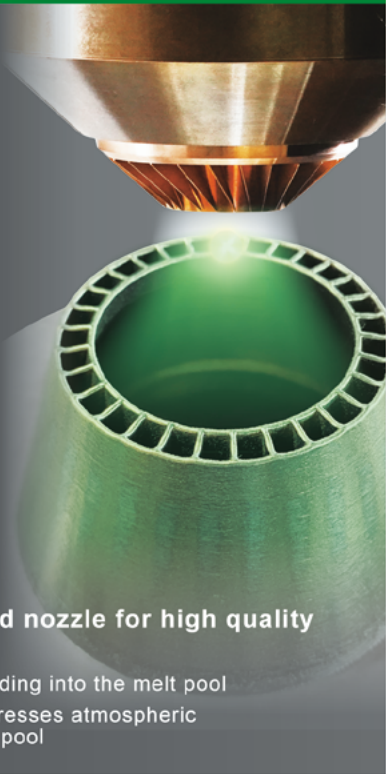
High precision powder feeding



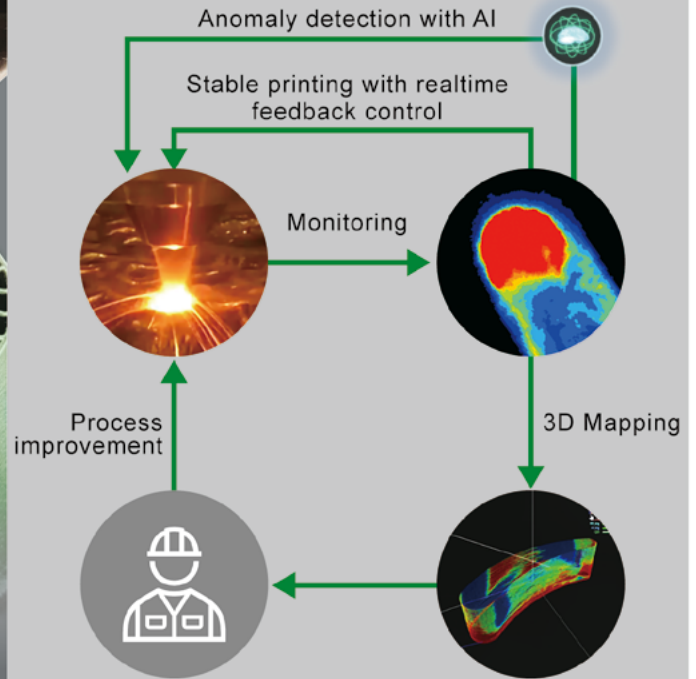
High shielding effect

Unique local shield nozzle for high quality metal printing

- Precise powder feeding into the melt pool
- Shielding gas suppresses atmospheric inflow into the melt pool



### Monitoring System



## Machine specifications



Max AM dimensions (mm)	200×200×200	500×500×500	2,000×1,500×1,600	2,500×900×1,000
Laser output (kW)	1 · 2 · 4 · 6			
Number of powder feeder hoppers	1 · 2			
Inert gas shield	Available			
Spindle	N / A		Available	N / A
NC axis table	1-axis or 2-axis table available	2-axis table standard	1-axis or 2-axis table available	
Jig cooling	Available			

### CONTACT

## NIDEC MACHINE TOOL CORPORATION

Sales Department 2  
(Global Sales department)  
URL

Rokujizo 130, Ritto, Shiga, Japan  
TEL+81775529768

[www.nidec.com/en/nidec-machinetool/](http://www.nidec.com/en/nidec-machinetool/)