Connecting Industries, Shaping the Future

DAEGUN TECH

Cable Harness &
Additive Manufacturing Solutions





COMPANY OVERVIEW

I

Company Introduction
Core Values
HISTORY
Organization
Certifications & Awards
Security System
Quality Management

Technology Built on Trust, Future Opened by Innovation

Since 1998, Daegun Tech has grown from **aerospace-and defense-grade cable harnesses** and **precision module assembly** to leadership in **metal additive manufacturing**, backed by in-house **3D-printing** expertise

Company Name	Daegun Tech Co., Ltd. CEO : Ki-Soo Shin	**Established**	October 1, 1998 (Incorporated in 2004)

Employees	Annual Sales	Patents
200	USD 34M (2025)	30+

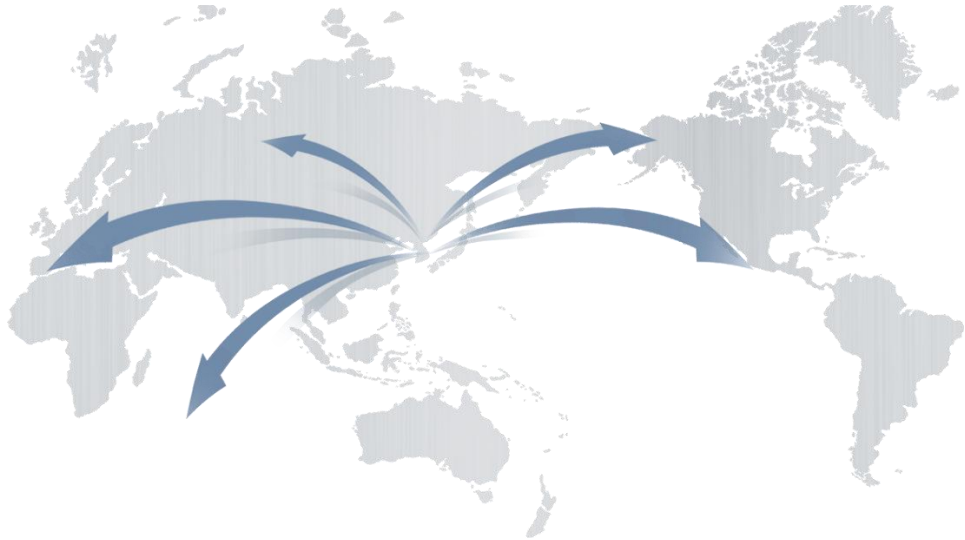
Headquarters Changwon, Gyeongnam, Korea

Korea Branch Ulsan Technopark

Japan Branch Tokyo Office

Main business

- Cable harnesses
- Industrial module & equipment assembly
- Metal additive Manufacturing (3D printing)



Annual exports exceeding USD 7M annually

to the U.S., Japan, India, and other markets

2 Core Values

DAEGUN

VISION We connect industries and shape the future

MISSION Lead global industries through convergent manufacturing technologies



Technology
Designing the future through continuous innovation

Culture
Create top performance grounded in joy and passion

Quality
Our reputation is proven by uncompromising quality

Trust
Deliver on our promises with accountable actions

3 HISTORY

1988-2005

- ’98.10 Founded Daegun Tech
- ’99.05 Began Cable Ass’y design and fabrication for Samsung semiconductor equipment
- ’00.06 Started military test equipment business
- ’03.07 Acquired ISO9001, ISO14001 certifications
- ’04.08 Incorporated as Daegun Tech Co., Ltd.

2006-2015

- ’06.11 Certified as INNO-BIZ enterprise
- ’07.06 Certified as a venture enterprise
- ’09.03 Certified as specialized material parts company (Ministry of Knowledge Economy)
- ’10.12 Certified as Family-Friendly Company (Ministry of Gender Equality & Family)
- ’14.04 Selected as “Great Place to Work”
- ’15.09 Selected as Changwon-type Hidden Champion (Changwon City)

2016-2024

- ’16.04 Designated as Global Leading Company
- ’17.10 Awarded SME Technology Innovation Grand Prize
- ’17.11 Awarded Korea Intellectual Property Award, Grand Prize
- ’18.01 Awarded Ministry of Trade, Industry & Energy Technology Prize
- ’18.09 Designated as Global Hidden Champion
- ’19.12 Awarded SME Minister’s Prize, Gyeongnam Province Export Tower (USD 5M)
- ’20.05 Awarded Top Export Company by Ministry of Trade, Industry & Energy
- ’22.05 Expanded to new Dongtan plant
- ’23.10 Selected as Best Company in Changwon
- ’24.12 Awarded Presidential Commendation for Export Contribution

2025

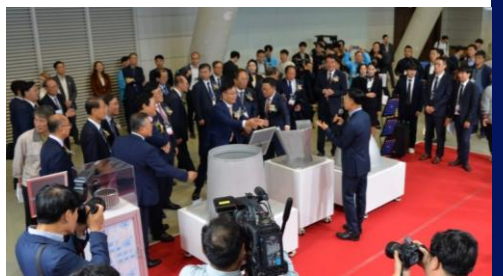
’25.03
Selected for the ‘Jump-Up’ Project by the Ministry of SMEs and Startups

’25.05
Certified as an ‘Innovation Premier 1000’ company

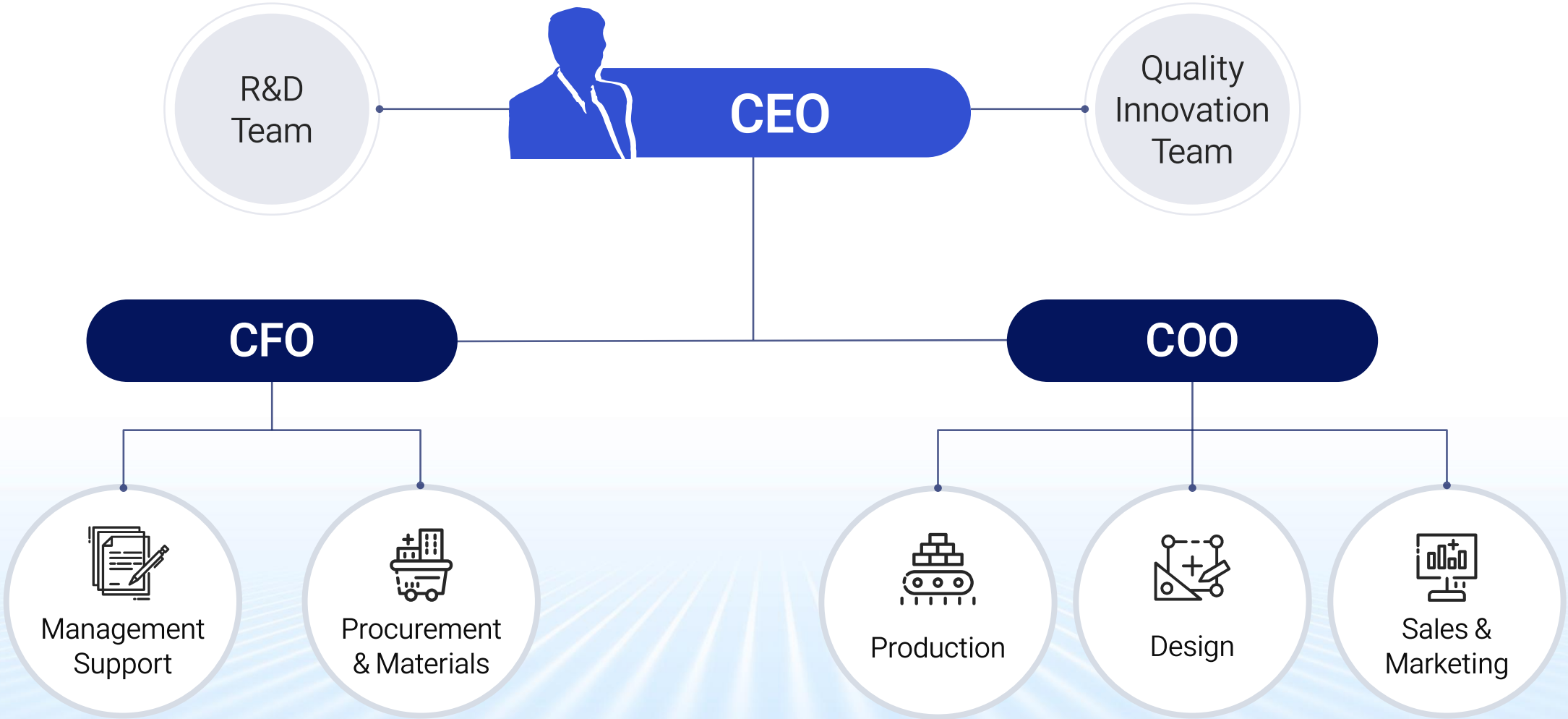






4 Organization Structure



5 Certifications & Awards

Certifications



DQMS



ISO9001



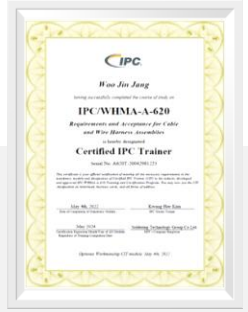
ISO14001



KS Q 9100(AS 9100)



IPC J-STD-001



IPC/WHMA-A-620

Awards













Technology Grand Prize, Commendations from multiple ministries and agencies

Intellectual Property













Multiple patents in 3D printing, electrical cable connectors, and advanced manufacturing systems

6 Security Framework

Facility Security

Access Control System

- Company-wide entry authentication using RFID cards and biometrics (fingerprint, facial recognition).
- Two-factor authentication applied to sensitive areas (server room, laboratories, 3D printing room, production floor).

CCTV & Monitoring

- 24/7 automated 16-channel CCTV installed in key areas.
- Video retention and periodic review.

Security/Guard & Emergency alert System

- Emergency alerts are integrated with local police and an external security service.

Network Security

Firewall

- All external connections must pass through the enterprise firewall, which filters all traffic
- All external connections must pass through the firewall.

Network Monitoring System

- IDS/IPS deployed to detect and block abnormal traffic.
- Periodic analysis of internal network usage logs.

File & Data Encryption

- Sensitive data stored on internal servers is encrypted at rest and in backup

VPN(Virtual Private Network)

- VPN used to provide secure remote access for off-site employees.

Customer Information Protection

- All critical data is kept on internal servers and is classified/controlled according to sensitivity.

Classification & Protection

- Data is categorized and managed as Public / Internal Use / Confidential based on its sensitivity.

Security Training

Regular Security Training

- Semiannual security training for all employees.
- Awareness training on phishing, scams, and other cyber threats.

Security Policy Awareness

- Company security policies and procedures are disseminated via groupware, with training to ensure all employees are familiar with them.

Internal Audit & Surveillance

- Regular security audits to identify and remediate vulnerabilities.
- Penalty system for violations of security rules.

Reliable Quality, Achieved Through Electrical Testing and Full Traceability

With a data-driven systematic quality management approach, we ensure stable quality from development to delivery.

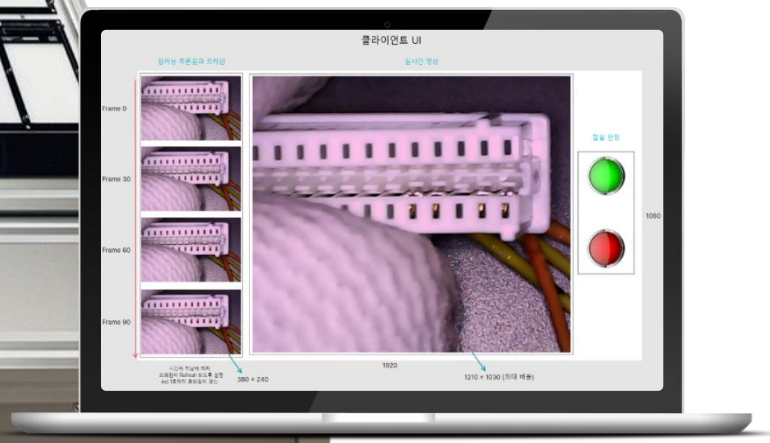


Cables
Insulation / Hi-Pot / Continuity / Functional tests, 100% electrical testing

Equipment
Process inspection → FAT → Pre-shipment inspection, 12-hour running test

Traceability
Complete lot/serial, material, and process traceability

Documentation
FAI / CoC, revision history, test & build report packages







BUSINESS HIGHLIGHT

II

Business Overview

Main Business Areas
- Aerospace/Defense Industry Cable Harness
- Industrial Cable Harness
- Industrial Equipment Manufacturing Systems

Metal AM (3D Printing)

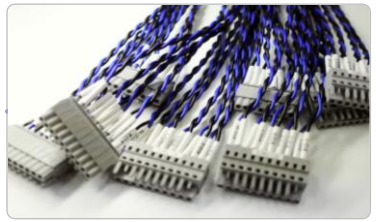
Innovation Proven by Quality, Trusted by the World

With **data-driven optimization** and **DX operation systems**,
DaegunTech delivers **perfect quality** from development to mass production, recognized globally for its excellence.

DX
Operation System

1. Line Simulation
2. APS*
3. MES**
4. AI QC***

Cable Harness





Module/ Equipment Solutions





Metal AM







over USD 7M annually

to the U.S., Japan, India,
and other markets

* APS (Advanced Planning & Scheduling)
** MES (Manufacturing Execution System)
*** AI QC (AI-based Quality Control)

Cable Harness

Aerospace & Defense

Connecting Technology, Securing the Future

Unshakable Reliability in Extreme Environments

With accumulated expertise in national strategic projects and
global aerospace and defense industries,
we ensure customer safety and product quality with proven technology.

Nuri Rocket Engine Cable Manufacturing & On-Site Application



A220 Aircraft Harness & PCBA Mass Production



Navy LOP Box & KAI Test Equipment Cable Manufacturing



※ Due to security reasons, actual product photos are not attached.

Photo Credits: Nuri Rocket Joint Press Corps, Sky Daily, Kookbang Ilbo

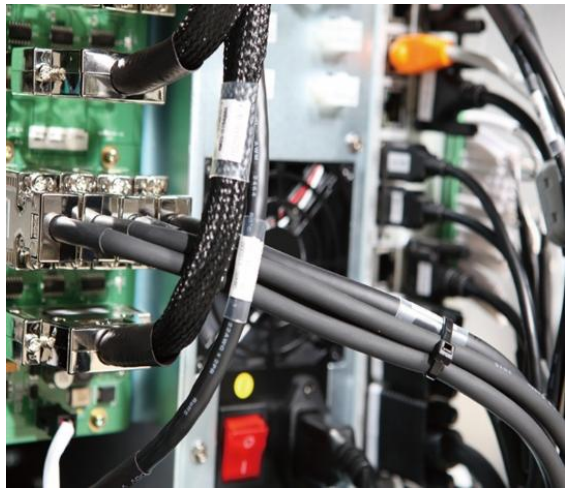
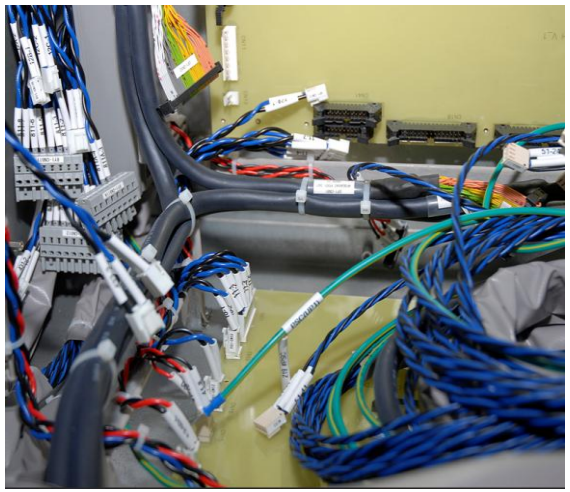
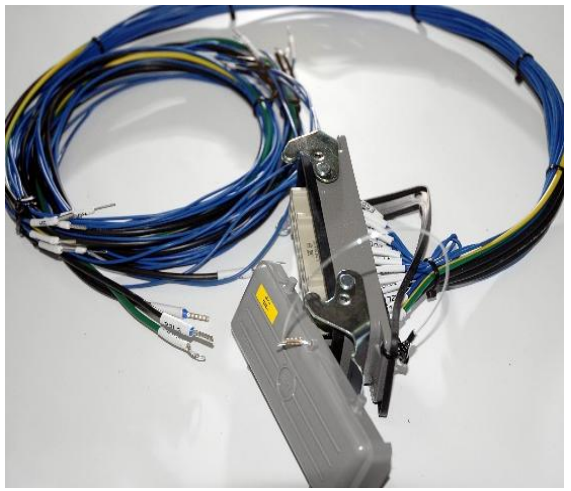
Cable Harness

Industrial Cable

Connecting Technology, Securing the Future

Cable Systems that Power Global Industrial Innovation

We meet diverse global requirements with consistent quality and standardized processes.

Semiconductor Equipment Harness	Power Conversion & Drives Systems Harness	Hydrogen Fuel Cell Harness	Machine Tool Control Box Harness
			

Equipment Systems

Integrated Assembly, Proven Quality

Industrial Equipment Manufacturing Systems

End-to-End Ownership of Equipment Solutions

From cable and module manufacturing to equipment assembly and final testing, we handle the entire process in-house to deliver tailored solutions.

SMT placement machines





Control Boxes for Industrial Machinery







2 Main Business Areas

METAL AM 3D Printing

Turning Imagination into Reality

Customizing
Configurable build sizes and qualified heat-treatment options to meet customer requirements

World's Largest Size
Supports a wide range from 135 mm to 800 mm, securing one of the largest build sizes among commercial systems worldwide.



Security
Developed and operated with domestic technology, ensuring customer data is never leaked externally

Industrial Competitiveness
Optimized for large-part production in aerospace, defense, and nuclear industries, ensuring global competitiveness.

High-Speed
Four high-power lasers operating simultaneously deliver up to 3x faster speed compared to conventional systems.

Material & Process Versatility
Extreme-temperature alloys (e.g., Inconel, Hastelloy X) deliver high strength and oxidation /creep resistance while enabling weight reduction.

Aerospace & Defense Industry

Enduring Extreme Heat, Reducing Weight, Ensuring Integrity

High-Temperature & Lightweight Materials

Advanced alloys such as Inconel and Hastelloy-X deliver high strength and lightweight performance under extreme heat.

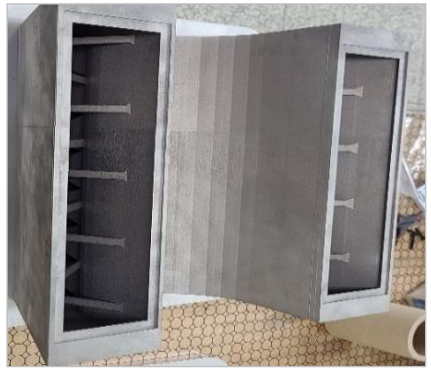
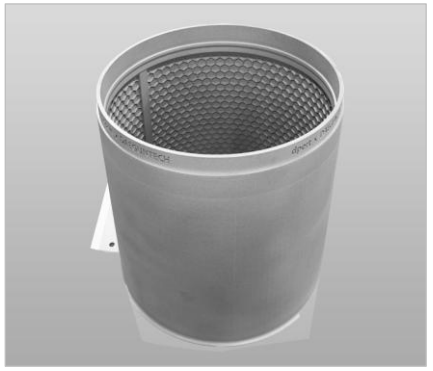
Integrated Structural Design

Cooling channels, lattices, and streamlined one-piece designs enhance thermal stability and structural reliability.

Secure Operation

On-premises operation based on domestically developed equipment ensures zero overseas leakage of sensitive aerospace and defense data.






Nuclear Industry

Metal AM Solutions Enhancing Nuclear Safety and Efficiency

First in Korea to mass-produce 3D-printed components for KHNP (Korea Hydro & Nuclear Power)

Pioneering application of additive manufacturing for Korea Hydro & Nuclear Power.

Localization that strengthens energy security and safety

Strengthening nuclear plant stability and security with domestically developed solutions.

Expanding to SMR, desalination, and hydrogen facilities; broader plant adoption

SMRs, desalination facilities, and hydrogen fuel systems broaden the scope of adoption.

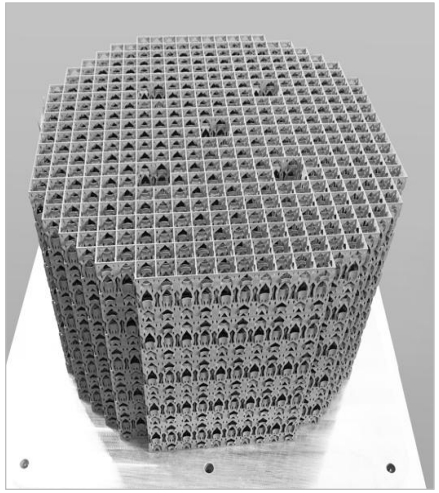






Photo: Korea Hydro & Nuclear Power (KHNP)



Next-generation Motor & Mobility

Core technologies for next-generation motors and mobility

High torque & power density

Meeting the critical performance requirements of EV, drone, and UAM applications

Power Density & Cooling Efficiency Maximization

Ensuring stable heat dissipation and durability even under high-power operation

Electrical performance optimization

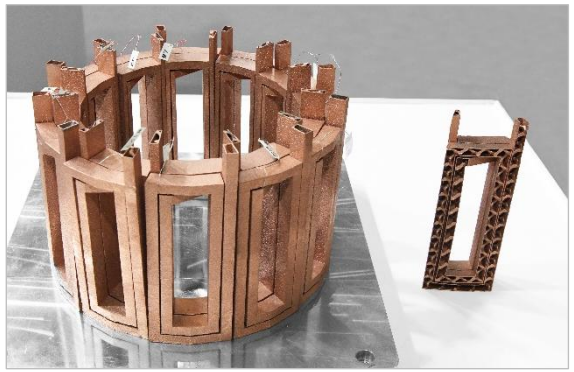
Enhancing overall efficiency with advanced electromagnetic design

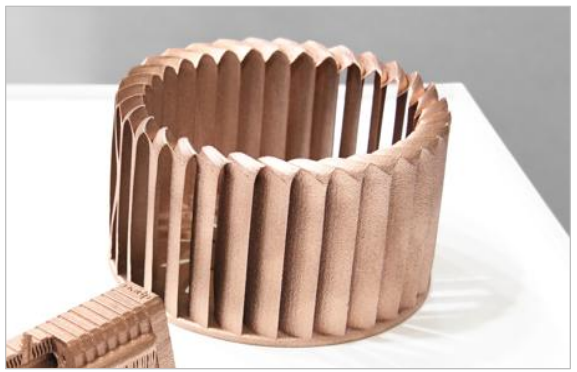
Integrated Design · Cost Reduction

Meeting the critical performance requirements of EV, drone, and UAM applications









NEXT STEPS

Creating a Completely New Market with Innovative Parts

DaegunTech integrates cable, module, and metal AM to go beyond the limitations of traditional machining and assembly, creating **innovative parts and solutions.**

Manufacturing parts with complex structures impossible by machining	**Complex Functional Parts**	**Lightweighting & Space Optimization**	Bolt-/rivet-/weld-free designs for lighter assemblies
Seal and protect cable/electronic modules in compact, robust housings	**Design Optimization**	**Maintenance**	Easy maintenance with plug-type integrated cable-electronic modules

Based on integrated manufacturing capabilities,
we pioneer new markets
and lead the future flow of industries.



THANK YOU

Technology | Quality | Trust | Culture

We earn trust by doing, not by saying our goal is
to be the partner you never have to worry about

DAEGUN

Daegun Tech Co., Ltd.
Web: www.dpert.com / www.daeguntech.com
Email: daegun@daeguntech.co.kr | Tel: (+82) 055-250-8000 | Address: 138 Sahwa-ro, Uichang-gu, Changwon, Gyeongnam, Korea