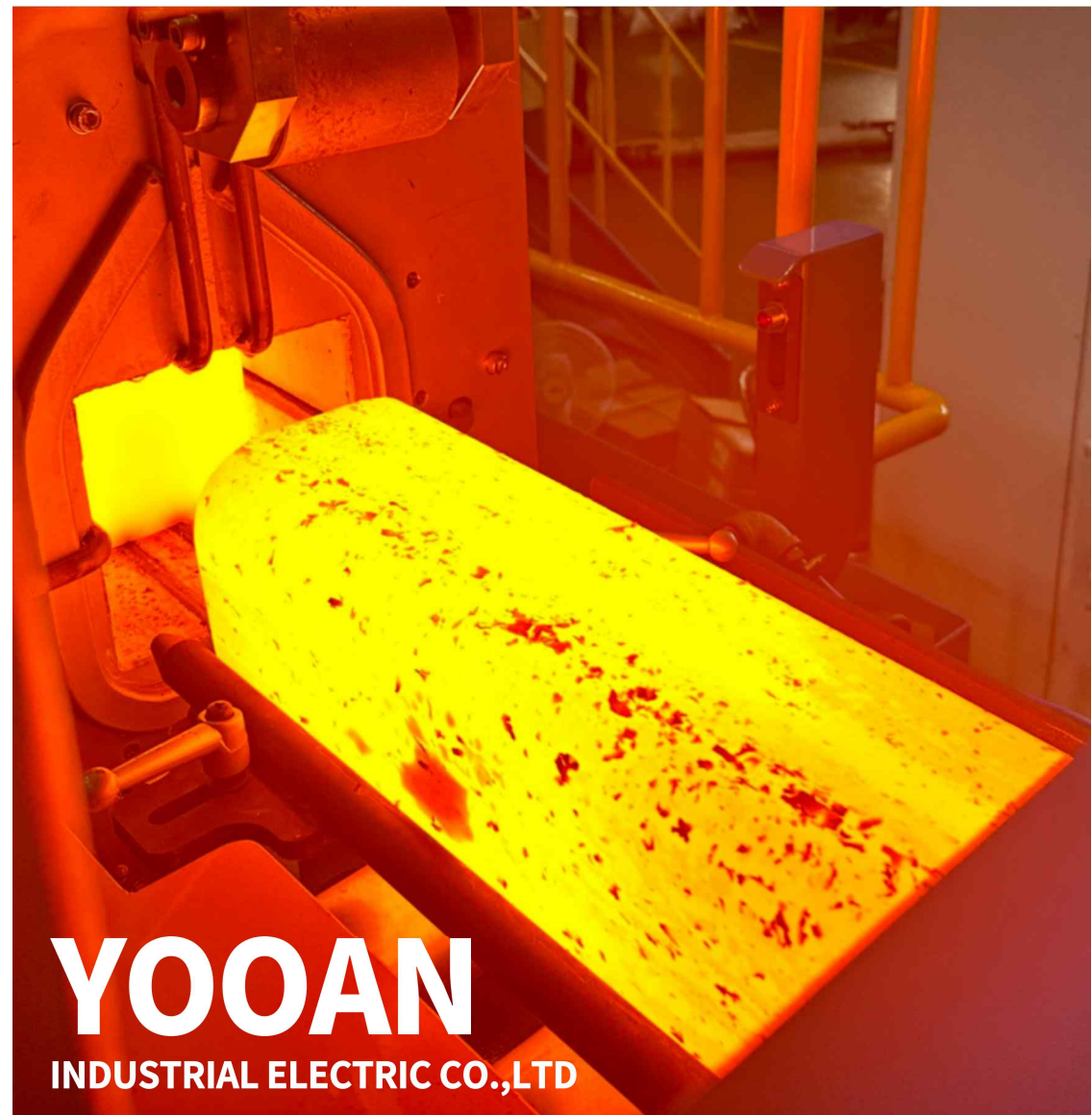




INDUSTRIAL ELECTRIC CO.,LTD
www.yooan.co.kr



YOOAN
INDUSTRIAL ELECTRIC CO.,LTD

YOOAN CATALOG

주소 경상남도 김해시 대동면 대등산단3로 182
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yooan4300@hanmail.net
Youtube <https://www.youtube.com/@yooankorea>



www.yooan.co.kr

회사소개

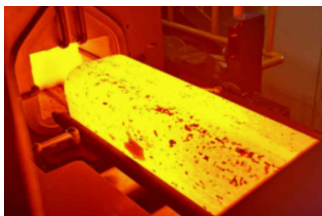
About Yooan

YOOAN was established in 1998, possesses the record of the greatest capacity in domestic in the field of high frequency induction heater, high frequency heat treatment equipment, electric upsetter, magnetic detector, and achieved system stabilization of heater by using Microprocessor Control Unit.

In response to World's Trade Economy Diversification, introduction of the new software technology insufficient in basic material industry, introduction of the advanced technique abroad in electric power field, and the YOOAN's technology fusion for many years made YOOAN do business not only in domestic but also abroad.

YOOAN is quick at A/S and Parts Supply in response to customer's requirement by systematic service organization, and do our best in growing customer's production efficiency as customer's mind.

Key Business Areas



High-Frequency Induction Heating & Automated Equipment Manufacturing

Major Industries Supplied



Defense Industry
Manufacturing Industry
Shipbuilding Industry
Automotive Industry

Research Facility



R&D Center

Company Overview

Address

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Number

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E-Mail

yooan@yooan.co.kr
yooan4300@hanmail.net

연혁

Yooan History

2024	07	공장 신축 이전 (김해 대동첨단산업단지) Company relocation construction (Daedong industrial complex, Gimhae-si, Korea)
2012	07	공장 신축 이전 (양산 산막공단) Company relocation construction (Sanmak industrial complex, Yangsan-si, Korea)
	03	엔진 밸브가열System 특허 취득 Get patent on engine valve heating system
2008	12	Get ISO certification
2007	10	(주)유안안전 법인 전환 Conversion to a corporation
	04	선박 엔진-Spindle Valve-1350KVA Upsette 개발 Vessel engine-Spindle valve-1350KVA Upsetter development
	02	Certification venture company (Technology guaranteed)
2006	12	Dielectric heater-textile dryer localization development
2005	05	Manufactured the largest capacity in domestic 4200kW Billet Heater
2004	03	High frequency hardening heater -Digital micro-processor development
2003	02	Industrial Plant facilities export
2001	05	Company relocation construction (383-6, Samnak-dong, Sasang-gu, Busan, Korea)
1999	04	Agreement for converter supply with E.A.A in Italy.
1998	12	고주파장치 및 산업부품 무역업 등록 Registered trading business on induction heater and industrial parts
	12	Contracted for converter supply with E.A.A in Italy.
	10	유안안전 설립 Established

인증서

Patent certificate



단봉공급장치용 단봉이송대
Single Bar Transfer Table for Bar Feeding Equipment



전기커넥터용 부스바유닛
Busbar Unit for Electrical Connector Applications



단봉 소재 가열용 고주파 유도가열장치
High-Frequency Induction Heater for Bar Material



단봉이송장치용 이송체인
Transfer Chain for Bar Conveying Equipment



탄피 검사장치
Cartridge Case Inspection Equipment



클램프식 분할전극을 이용한 엔진밸브 예비성형장치
Engine Valve Preforming Equipment with Clamp-Type Segmented Electrodes



탄피검사가용 탄피고정관
Cartridge Case Retaining Tube for Inspection Equipment

Key clients

Domestic Clients

- HYUNDAI MOTORS
- HYUNDAI WIA
- SAMSUNG HEAVY IND
- KIA
- POONGSAN
- HANIL FORGING
- KPF
- DIC
- SAMMI METAL

International Exports

- UNITED STATES
- CHINA
- INDIA
- SAUDI ARABIA
- SLOVAKIA
- THAILAND
- INDONESIA
- VIETNAM
- EGYBT



The importance of energy-efficient production



Digital Converter



PCB Card



Data Display

지속 가능한 미래를 위한 최적의 파트너
유안산전은 고효율 설비와 스마트 기술로 고객의 지속 가능한 성장을 지원합니다.

- 01 에너지 절감 효과 Energy-saving effect
- 02 운영 비용 절감 Reduced operating costs
- 03 설비 가동률 향상 Improved equipment uptime

설비

Manufacturing Facility



1800kW Billet Heater



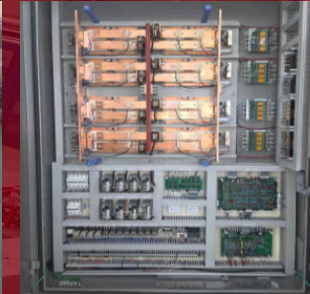
Hot Former Heater



1500kW Billet Heater



2100kW Billet Heater



IGBT Induction Heater



250kW Bed Hardening Heater



1800kW Square Billet Heater



155mm Nosing Heater



1000kW Warm Forging Heater



2400kW Hot Former Heater



1200kW Warm Forging Heater



1000kW Induction Billet Heater



120kW+70kW Warm Forging Heater



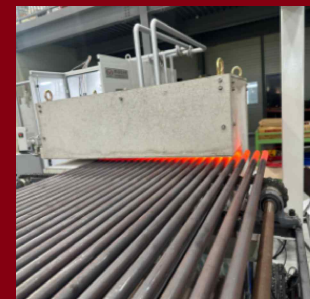
70kW 30mm Cartridge Case Heater



1800kW Billet Heater



2100kW ESSEBI Converter



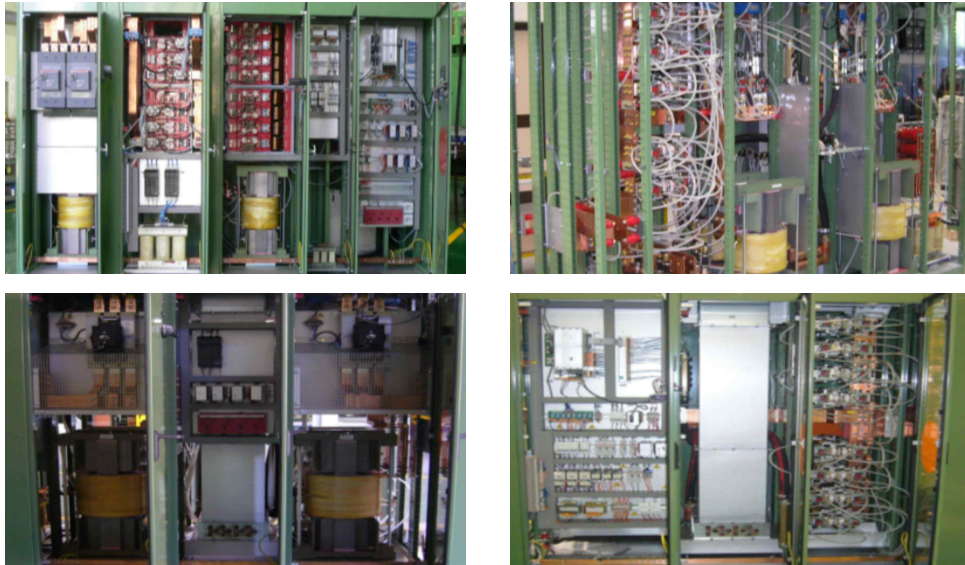
Partial Heater



Hardening Heater

설비

Converter



Inside of Converter

Imported from ESSEBI, Italy

ESSEBI는 Power electronics와 Automation의 분야에서 세계시장의 선두주자이다. 1971년 숙련된 전자, 산업기술자들의 선도로 설립된 ESSEBI는 세계적으로 대용량 Induction Heater Converter를 가장 많이 공급하고, Forging 분야에 고급 기술과 경험을 축적하여 최고의 생산효율을 제공한다.

ESSEBI is the leader of Power electronics and Automation field. Established by the skilled electronics and industrial engineers in 1971, they supply high-capacity Induction Heater Converter the most in the world, and provide the best productivity efficiency through their accumulated high-quality technology and experiences.



디지털 방식의 컨버터 출력 제어

Control of converter output by digital method

Microprocessor Control

설비

Medium Frequency Induction Billet Heater



5600kW Billet Heater



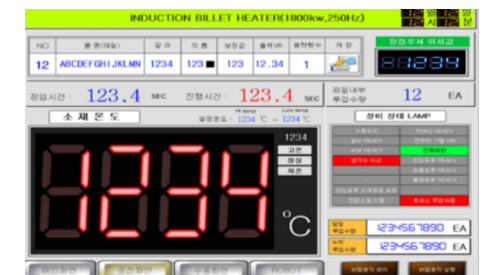
1800kW Billet Heater



650kW Billet Heater



Lot No. Storage System



Monitoring System

설비

High Frequency Hardening Heater



250kW Drive Shaft Hardening Heater



Drive Shaft Hardening Spray



250kW Pin/Bushing Heater



250kW Bed Hardening Heater



50kW Rivet Heater



160kW BUILD-UP Heater for Welding



정확하고 안정적인 소재 이송

Precise and stable material transfer

정밀 온도 제어로 최적의 열처리 구현

Optimal heat treatment through precise temperature control

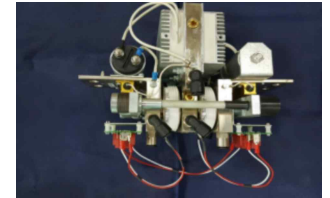
방수·방습 설계로 안전성과 장비 효율 극대화

Waterproof and moisture-resistant design for enhanced safety and efficiency

설비

Parts

■ ESSEBI Spare Parts



모든 Spare Parts를 직접 수입으로 재고되어 있어 설비의 유지보수가 원활하다.
We supply imported parts very quickly through our own Trade Dept.

그 외, 국내외 다양한 종류의 부품 공급이 가능하다.
Plus, a variety of native and foreign parts can be provided.



IGBT



SCR



Current Transformer



Cooling Fan



Capacitor



Transformer



Resistor



Diode



Choke Coil