

# COMPANY PROFILE

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**KISWEL**

ALWAYS WITH YOU  
SINCE 1969



[www.kiswel.com](http://www.kiswel.com)

**ALWAYS WITH YOU.  
YOUR WELDING SOLUTION PARTNER, KISWEL**



**KISWEL**

## CEO'S GREETINGS

Taking only a single path for **more than 50 years** while holding fast to the area of welding materials. We have devoted ourselves to the growth of the national industrial infrastructure through localizing welding materials during a time when basic industries were weak in the 1970s and 1980s. During the 90s, we have established a technology research center equipped with high-tech equipment in response to demands for advanced technologies and high quality, and have automated processes and facilities in the early stages. And we have pursued quality first through **QS-9000, ISO/TS 16949 and ISO 14001 certification system**, and played a role in enhancing the competitiveness of the steel related industries.

In Korea, we have 2 production bases and high-tech technology research center in addition to our head office in Seoul. Befitting the global era, we have established overseas plants in China, the US, and Malaysia, as well as overseas affiliates in the US, Japan, China, Vietnam, and Malaysia, and branches in Thailand, Indonesia, Luxembourg, Mexico, Dubai, and Vietnam. And through this, **we are raising our status as a global corporation both in name and reality.**

Today, everyone of you can experience our KISWEL welding materials with the trademark, "Elephant logo" in over 120 countries worldwide.

We at KISWEL are exerting our every effort to enhance the competitiveness of the nation based on the excellence and global competitiveness of our products.

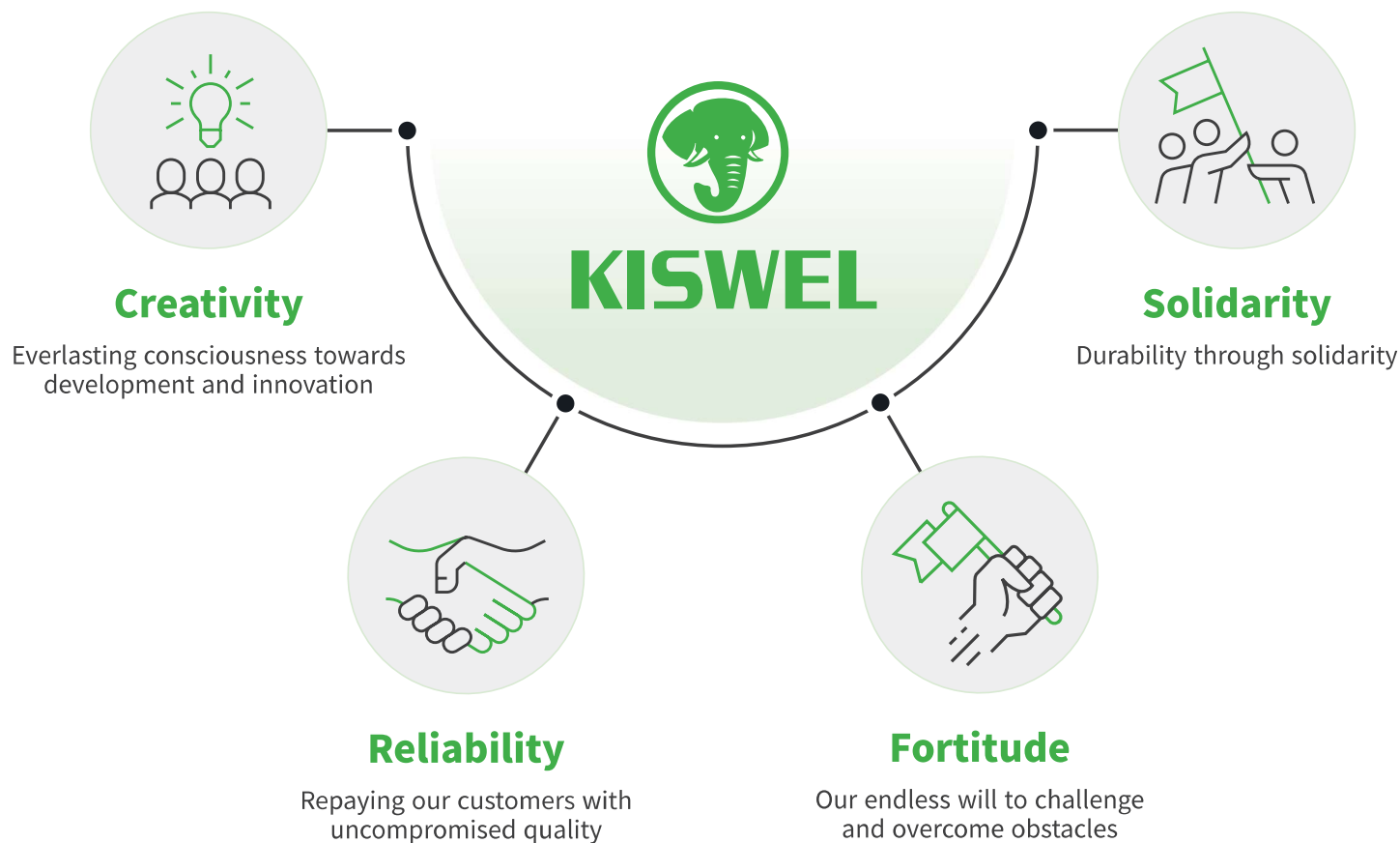
Please keep an eye on KISWEL taking a leap to become the world's top company specializing in welding materials. We express our gratitude for your unwavering trust and support.

### Always with you



# VISION

KISWEL has been working hard to localize welding materials and advance the basic material industry based on its management philosophy: 'Creativity,' 'Trust,' 'Perseverance,' and 'Internal Stability.' With pride that innovation of materials translates into innovation of the industry, we are connecting the world from the closest place for a more convenient world and a safer everyday life. KISWEL has been connecting the world with passion hotter than fire in a barren land of the welding industry. We will become a solution partner creating the future together with values beyond welding materials.





**KISWEL**

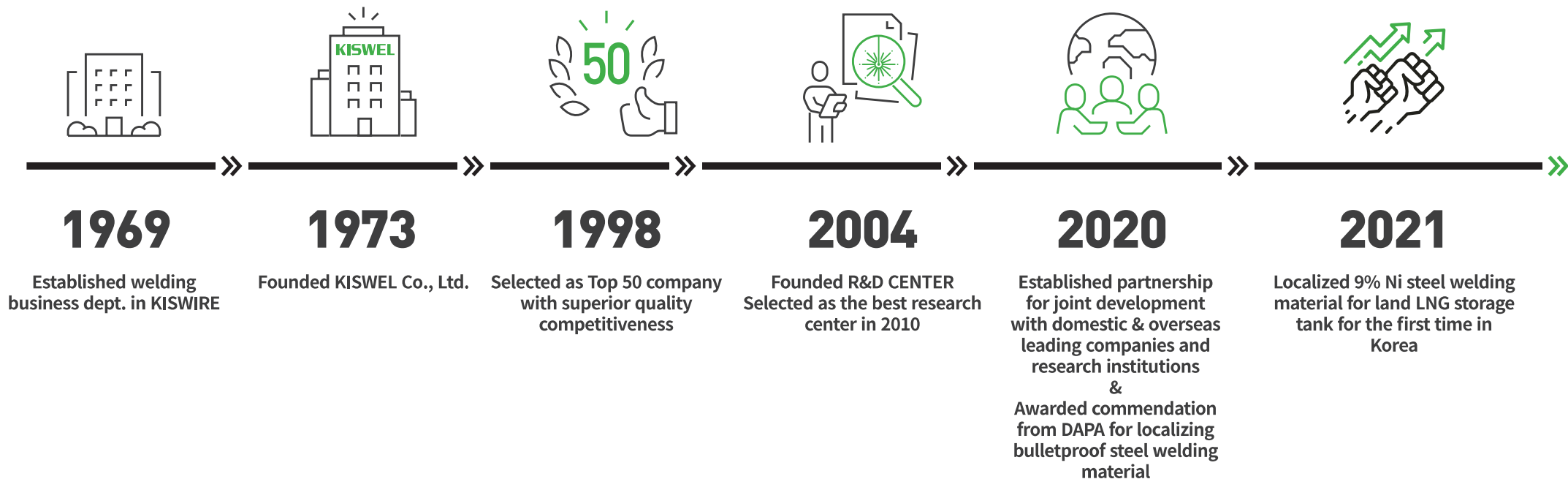
**CONNECTING THE WORLD!  
FOR THE GREAT VALUE,  
KISWEL**

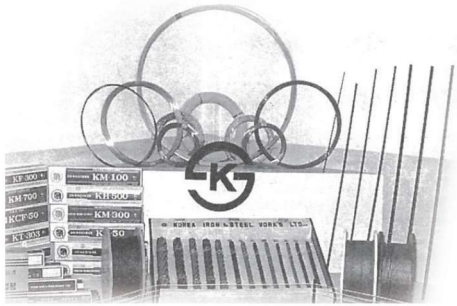
# KISWEL HISTORY

KISWEL launched as Korea Welding Rod Co., Ltd. in 1973 has been achieving records of being 'new,' 'the first,' and 'the best' for the past 50 years.

To become KISWEL standing shoulder to shoulder with global leading corporations, we will not forget that the shared growth with our customers is the source of our competitive edge, and devote ourselves to add our know-how accumulated over the years to our new technologies.

## The path taken 1960 - Present





KISWEL product produced in 1973

## 1960 - 1970

### Farther than others, getting ahead of others

Established foundation for localization of welding rods and industrial growth of Korea

KISWEL, born from establishing the welding business department in KISWIRE in 1969, has been working hard to develop products and control quality to cement the foundation for the industrial growth of Korea along with the localization of welding rods.

### 1969

- Established welding rod business dept. in KISWIRE

### 1973

- Founded KISWEL Co., Ltd.
- Introduced in-line equipment for the first time in East Asia

### 1981

- Acquired Japanese Industrial Standard (JIS) approval (for the first time as a foreign welding material)

### 1989

- Established Japanese branch (KISWEL JAPAN)

### 1996

- Awarded industrial medal for \$50 million Export Tower on Trade Day (For the first time in welding material industry)

### 1999

- Established US branch (KISWEL USA, INC)

### 1971

- Certified by classification societies in the UK (LR), France (BV), and the US

### 1978

- Pioneered export market

### 1987

- Awarded industrial medal of \$10 million Export Tower on Trade Day
- Established R&D center (Ministry of Science and Technology Reg. No. 379)

### 1997

- Established plant in Malaysia

### 1998

- Selected as top 50 company with superior quality competitiveness
- Established European branch



## 1980 - 1990

### Pushed ahead with technology independence

Establishment of quality management system and advancement in quality

KISWEL has been growing steadily as the company was awarded an industrial commendation for \$50 million Export Tower on Trade Day for the first time in the welding industry and selected as the top 50 company with superior quality competitiveness due to its constant efforts to enhance quality with the belief that quality creates a safe everyday life and a convenient world.



Nov. 30, 1987 Awarded commendation for achieving \$10 million in exports on Trade Day



May 2004 Opening ceremony of R&D center

## 2000 - 2010

### As a global specialty company

Expansion of exports and global networks

KISWEL has broadened its distribution network by expanding the global networks to get closer to our customers at home and abroad. We have also opened a R&D center to concentrate more in R&D of products. Due to such efforts, we have been awarded the industrial medal of \$100 million Export Tower on Trade Day and selected as the world class 300 company.

### 2002

- Awarded 'Bronze Tower Medal of Industry' in commemoration of National Taxpayers' Day

### 2004

- **Opened R&D CENTER**
- Activated plant in China (KISWEL DALIAN LTD.)

### 2007

- Established Dubai branch

### 2009

- Established Ho Chi Minh branch
- Established Bangkok branch

### 2016

- **Selected as World Class 300 (~Present)**

### 2020

- Signed agreement of joint development of specialized steel welding material for each industry with POSCO
- Signed agreement for joint development of total welding solution with KOMATSU (Japan)
- Signed agreement for joint development of bulletproof steel welding material with Defense Agency for Technology and Quality
- Localized raw material of bulletproof steel for ROK Army Cavalry Fighting Vehicle & awarded medal from DAPA



### 2003

- Awarded 'Export Award' from Busan city

### 2006

- Established US manufacturing corporation (KISWEL INC.)

### 2008

- Awarded Steel Tower Medal of '\$100 Million Export'

### 2017

- Awarded Presidential commendation for contribution to the capital goods industry

### 2021

- Signed agreement for joint development of low slag welding material with AUTOTECH ENGINEERING (GESTAMP) of Germany
- Localized 9% Ni steel welding material for LNG storage tank for the first time in Korea



May 2004 Dalian

## 2020 - Present

### Establishment of foundation for solution partnership

Creation of future of sustainable symbiosis

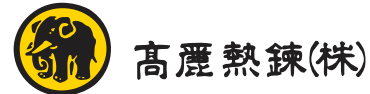
KISWEL is bearing the responsibility of Korean welding materials by doing its best to establish a systematic response system with the best companies in the domestic and foreign area, and develop welding materials tailor-made to customers and provide solutions for shared growth with our customers in the diversifying industrial scene.



Selected as World Class 300 (~Present)



## KISWEL FAMILY



SamHwa Steel Co., Ltd.

Heung Kuk Steel Wire Co., Ltd.

Korea Heat Treatment Co., Ltd.

Korea Omega Co., Ltd.

IHTW

[Induction Heated, Quenches and Tempered Wire]

FCW

[Flux Cored Wire]

Prestressed Concrete  
Steel Wire

Investment  
Consultation Services

ESW

[Energy Saver Wire]

## AFFILIATED COMPANIES



KISWIRE Co., Ltd.

KOS Co., Ltd.

Jisan Resort Co., Ltd.

ET Land Co., Ltd.

Wire Ropes  
Steel Tire Cord  
Bead Wire

Stainless Wire Products

Leisure (Golf/Ski)

Distribution of  
Electrical Appliance

# GLOBAL NETWORK

KISWEL is drawing closer to worldwide customers based on 7 local and overseas production bases and research center, and 19 operation points.



7

Production bases



1

Technology R&D center



5

Sales branches



19

Sales offices

## Thailand

Sales office (Bangkok)

## Europe

Sales office (Luxembourg, Germany)

## Middle East

Sales office (Dubai)

## Vietnam

Sales office (Ho Chi Minh)

## Indonesia

Sales office (Jakarta)

## Malaysia



Production base / Sales branch (Pasir Gudang)

## China



Production base (Dalian)

Sales branch

Sales office (Shanghai, Dalian, Nantong)

## Korea



Production base (Busan, Changwon, Pohang 1, Pohang 2)

Technology R&D center (Changwon)

Sales branch (Seoul)

Sales offices (Seoul, Busan, Geoje, Pohang, Gwangju)

## Japan

Sales office (Tokyo, Fukuoka)

Sales branch (Osaka)

## US



Production base (Kentucky)

Sales branch

Sales office (Florence)

## Mexico

Sales office (Monterrey)

# DOMESTIC PRODUCTION PLANTS

We have established and are running domestic production plants in Changwon, Busan, and Pohang.



COUNTRY	ADDRESS	MAJOR PRODUCT
KOREA	<b>Changwon Plant</b> 704 (Sungju-dong), Gongdan-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea	Solid Wires / Flux Cored Wires / SAW Wires&Fluxes / MIG Wires / TIG Rods
	<b>Busan Plant</b> 70 (Hackjang-dong), Saebyeok-ro 63beon-gil, Sasang-gu, Busan, Korea	Electrodes
	<b>Pohang plant</b> 70 Jangheung-ro 39beon-gil, Nam-gu Pohang-si, Gyeongsangbuk-do, Korea	Flux Cored Wires

# OVERSEAS PRODUCTION PLANTS

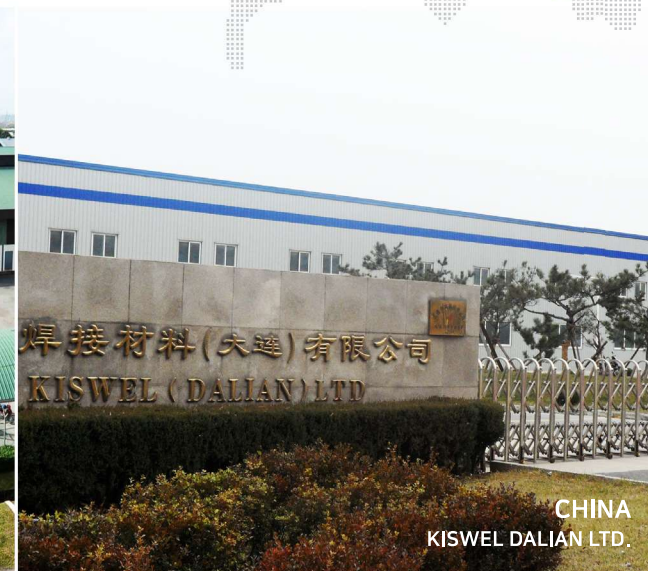
Our overseas production facilities include local plants in Malaysia, the US, and China. And we are responding to the demands for localization of each market in the world.



U.S.A  
KISWEL INC.



MALAYSIA  
KISWEL SDN BHD.



CHINA  
KISWEL DALIAN LTD.

COUNTRY	ADDRESS	MAJOR PRODUCT
U.S.A	<b>KISWEL INC.</b> 7950 Dixie Hwy Florence, KY41042, U.S.A	Flux Cored Wires / MIG Wires
MALAYSIA	<b>KISWEL SDN BHD.</b> PLO 63, Jalan Keluil 2, Pasir Gudang, Malaysia	Electrodes / Solid Wires / Flux Cored Wires / MIG Wires
CHINA	<b>KISWEL DALIAN LTD.</b> #73, Zhenpeng Industrial Area, Dalian, China	Flux Cored Wires

A welder is shown in profile, working in a dark environment. The scene is illuminated by a bright blue glow and a central point of intense light where sparks are being emitted. The welder's hands and the tool they are using are visible in the foreground, partially obscured by the bright light and sparks.

**KISWEL**

**FOR THE CUSTOMER'S SUCCESS,  
ALWAYS WITH YOU.  
KISWEL**

# PRODUCT LINE-UP

Various products of KISWEL are used every day in diverse business areas as the basic materials of all metal industries.

## Product

### SMAW



### GMAW



### SAW



### FCAW



### MIG / TIG



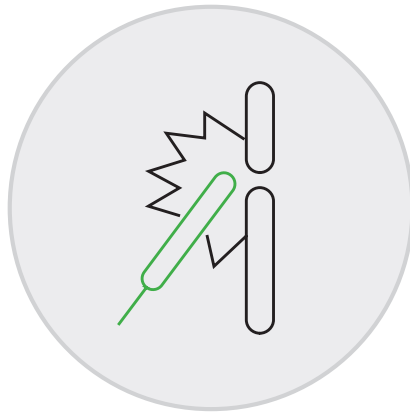
### Special Alloy



# TOTAL SOLUTION PARTNER, KISWEL

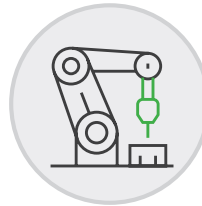
KISWEL provides 'Total Solution Marketing' to satisfy customers with values beyond just supplying welding materials.

## Welding consumables



**Welding technology**  
Technical Solution

## Customer needs



Robot  
automation system



Highly efficient  
welding  
technology



Quality  
certification



Eco-friendly  
material  
development



Future-oriented  
new steel  
customized  
development

**Joint business/agreement signing**  
Commercial Solution



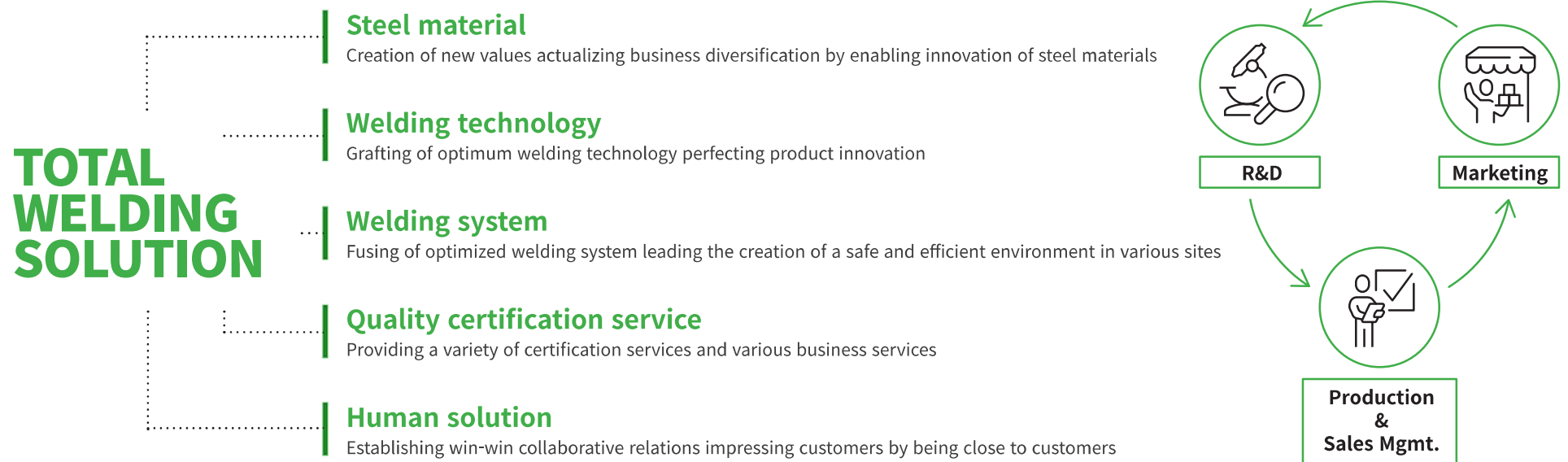
**Establishment of win-win  
collaborative relations**  
Human Solution

**Creation of values beyond** welding materials

**Creation of the Future** integrating high quality welding materials with customized solutions.

# TOTAL WELDING SOLUTION

KISWEL provides 'Total Solution Marketing' to satisfy customers with values beyond just supplying welding materials.



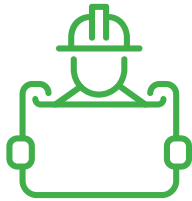
## Customer's





# RESEARCH AREA

## Research on Welding Metallurgy & Eco-friendly Materials



### Welding metallurgy research

Cryogenic toughness and CTOD characteristics

Welding technology and optimized materials for LNG tanks

-196°C cryogenic STS metallurgical properties

Welding material for high-alloy power generation boiler

Research on high/low temperature crack generation factors

Defect and fracture damage study



### Eco-friendly welding material development

Fume generation factor analysis and low fume welding material

Slag-free high efficiency MCW materials

Welding technology for low spatter generation

Welding material for nuclear waste CASK container

Welding material for non-preheating high strength-high toughness welding material

Minimum generation of SAW Flux fine powder and improved recovery rate



### Industry-university-institute joint research

Porosity-free galvanized steel welding material

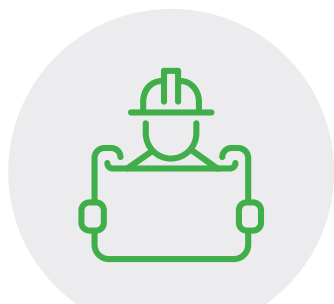
Welding material for corrosion-resistant sulfuric acid complex corrosion steel

Welding material for bulletproof and wear resistant steel

Fitting A860-70 SAW welding material

# RESEARCH AREA

## Research on welding technique, production technology & new material



### Development of high efficiency-high performance welding material

High-strength EGW and ESW welding technology

Super TIG "C-type" filler development and welding automation

Welding material for super-strength automotive steel plate

High-alloy surface hardening welding material

Study of High strength & toughness on Self-shield FCAW

Hybrid welding material for high speed welding



### Research on production technology and product surface control

Study of Wire surface properties  
(Chemical / electroplating, oxide coating, electrical conductivity etc)

Bright annealed heat treatment, surface roughness and residue control technology

Development of surface coating control technology and coating additives

Kink-free high-capacity packaging technology and eco-friendly Pack research

Research on raw material properties such as flux, strip, wire rod and so on

New material and wire processing technology



### New material - new technology development

3D WAAM welding material and build-up technology

Processing Lab. Optimization welding parameter research

High-strength aluminum and non-ferrous metals

Development of high purity Ti, Ti-6Al-4V alloy powder

# R&D

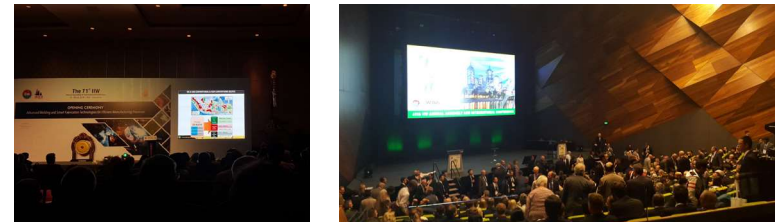
In 1987, KISWEL established the Central Technology R&D Center, a research center specializing in welding materials as a corporate affiliated research center for the first time in the welding material industry to realize knowledge management for customer satisfaction.

Researchers specializing in each field is striving to conduct joint development in industry-university-institute collaboration and R&D for general purpose/special/eco-friendly/high value-added welding materials such as MAG/FCW/SMAW/MIG/TIG/SAW.

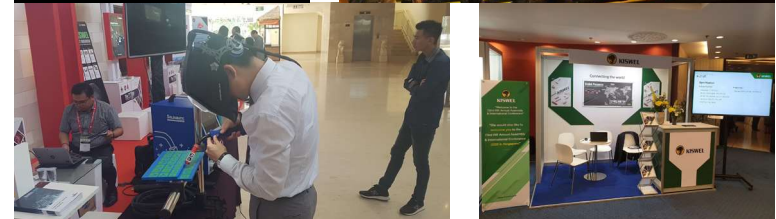
The R&D center is conducting research on special welding related to the energy industry and maritime being recently spotlighted, contributing to the development of the Korean welding society by participating in the academic conference of the International Institute of Welding as a sponsor. The center is working hard to lead the global welding material market.

## Expansion of the base

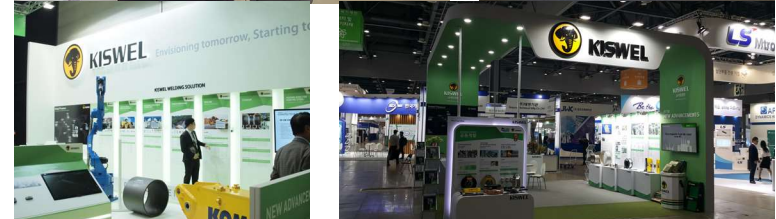
**Sponsored International Institute of Welding(IIW) academic conference for 8 consecutive years (2014-Present)**



**Sponsored welding function competition for 21 consecutive years (2000-Present)**



**Participated in domestic & overseas exhibitions for 21 consecutive years (2000-Present)**



# RESEARCH EQUIPMENT

## Welding test equipment

Measurement/test equipment capable of evaluation of various welding characteristic

- Manual electrode welding
- MIG/MAG Welding
- Cored wire welding
- Tig welding
- Submerged-arc welding
- Submerged-arc Multi-wire welding
- Automated Robot welding
- Welding fume measurement system
- High-speed camera
- Arc monitoring system

## Chemical analysis equipment

Various analysis equipment needed for chemical component analysis and structure test

- CP-OES  
(Inductively coupled plasma optical emission system)
- ICP-MS  
Inductively coupled plasma mass spectrometry)
- Spark E/S (Spark optical emission spectrometer)
- XRF-WDX (X-Ray Fluorescence Spectrometer)
- N/O (Nitrogen/Oxygen Analyzer)
- FE-SEM&EDS  
(Field Emission Scanning Electron Microscope)
- SEM&EDS (Scanning Electron Microscope)
- Nitrogen & oxygen determinator
- RC-612 (Multiphase C, H, H<sub>2</sub>O Determinator)
- Oil Contents Analyzer
- Sieve Shaker
- Particle Size Analyzer
- Constant temperature and humidity and Water bath
- Portable XRF (X-Ray Fluorescence Spectrometer)

## Material test equipment

Test equipment specialized for research on mechanical properties of deposited metal and welding metallurgical structure analysis

- PVR (Programmable Deformation Cracking Test)
- Creep (Creep & Stress Rupture Tester)
- CTOD (Crack-Tip Opening Displacement)
- Universal Testing Machine + High Temp. Furnace System
- Rotate welding machine (GMAW) & Arc monitoring System



# KISWEL

ALWAYS WITH YOU  
SINCE 1969

We create ordinary life you face every day,  
and connect the world safely even though we're unnoticeable.  
Since welding is the basis as well as the fundamental of all metal industries,  
with the belief that we are providing a convenient world and protecting a safe everyday  
life with the materials we've created and the thought that innovation of materials is the  
innovation of the industry,

**We connect the world from a place  
that is closest to you even today.**



## Contact us



Website

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