





Greetings

JAC Coupling Co., Ltd. has been supplying the high quality industrial power transmission couplings that are not only in the Korean domestic market but also in the major industrial countries in the world.

Our business philosophy is based on a long-term approach and we are dedicated to providing customer service and satisfaction.

Technical expertise is a key component of our business. Therefore, we take every measure necessary to provide the support required by our customers.

As you are a new partner, we will find the best possible solutions for all of your challenges that are related to utilizing couplings for your needs.



Summary of Company

Name

CEO

Foundation

Address

Contact number

Product

Main Item

Capital

Turnover of 2016

Export Amount 2016

Production Capacity

Employee

Web

Customer

JAC Coupling Co., Ltd.

Han, Baek-Sool

15 April, 1977

69, Saebyeok-ro, Sasang-gu, Busan, South Korea

Tel: +82-51-317-0822, Fax: +82-51-317-0855

Couplings

Gear/Grid/Jaw/Disc/Tire /Wind turbine Couplings

USD 500,000

USD 12,000,000

USD 1,200,000

150,000 Sets / year

55 people

www.jacoup.co.kr

POSCO, Hyundai Steel, Doosan etc,

Japan, Thailand, Singapore, Brazil, China, US, EU & Etc.

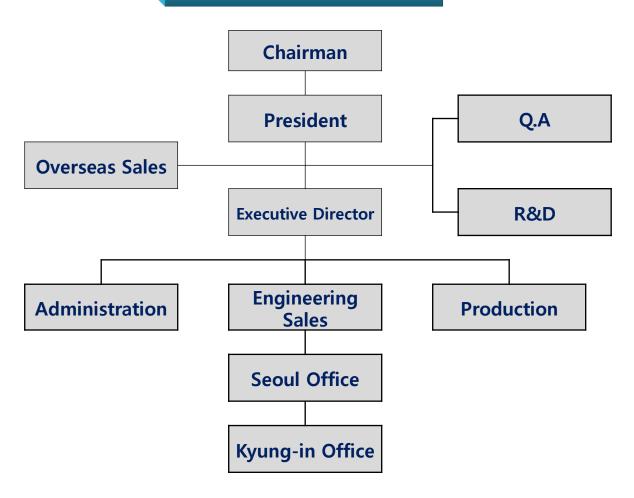


Company History

1977. 04.	Established (Spare Parts for Auto Mobil and Farming Machinery)					
1983. 03.	Developing JAW FLEXIBLE COUPLING					
1986. 09.	Developing FLEXBLE DISC COUPLING					
1989. 03.	Designated Cooperator with POSCO					
1995. 09.	Completed Second Factory					
2001. 02.	Obtained Certificate of ISO 9001, QS 9000 (KMICC)					
2001. 11.	Changed company name from Jungang-sa to JAC coupling Co.					
2006. 02.	Obtained Certificate of Part material worth (KOR, German TUV, France BV.)					
2006. 06.	Constructed Building for Head office and Factory					
2009. 06.	Authenticated Export Promising Enterprise (Small/Medium Business Administration)					
2009. 08.	Authenticated Innobiz Enterprise (Small/Medium Business Administration)					
2009. 12.	Authenticated Enterprise Research Center(Industrial Technical Promotion Association)					
2009. 12.	Corporation conversion: JAC coupling Co., Ltd.					
2010. 01.	Selected as Technical Leading Enterprise (Busan City)					
2010. 01.	Excellent Small/Medium Enterprise Honoring (Ministry of Knowledge & Economy)					
2011. 06.	Obtained Certificate of Venture enterprise					
2012. 05.	Selected as 3MW Offshore Wind Turbine Coupling Development Leading Enterprise (Ministry of Knowledge & Economy)					
2013. 07.	Grand Prix of Good Small/Medium Enterprise Businessman rewarded by Busan Metro City					
2013. 10.	Korea-Japan Industry Cooperative Prize Rewarded (Minister of MOTIE)					
2013. 11.	1 Million Export Tower Prize rewarded (Ministry of Trade, Industry & Energy)					
2016. 06.	Developing Composite Coupling of Cooling Tower					



Organization



CEO	Board Members	Managers	Engineers	Production	R & D	Q.A	Total
1	4	4	7	33	3	3	55



CUSTOMERS

Major Customers (Domestic)

COMPANY	ITEM
POSCO	Couplings
Hyundai Steel Mill	Couplings
Hyundai Rotem	Couplings
Hyundai Wia	Couplings
Doo San Heavy Industry	Couplings
Hyosung	Couplings
Kum O Heavy Industry	Couplings
Dong Bu Steel	Couplings
Shin Han Eng.	Couplings
Sam Sung Eng.	Couplings
And more than 200 customers	



Career & Reference

Special Equipment

North Korea Shinpo-ri 'LWR Nuclear Power Plant' Crane of nuclear transport

Steel Plant(Korea)

POSCO(Pohang)	#1,	#2,	#3	PLATE	MILL	PLANT
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POSCO(Pohang) #2 CGL PLANT

POSCO(Pohang) #1 HOT STRIP MILL Heating Furnace PLANT

POSCO(Pohang) #2 Yeonju Factory modification PLANT

POSCO(Gwangyang) #2 HOT STRIP MILL PLANT

POSCO(Gwangyang) TSMP FSB PLANT

POSCO(Gwangyang) #2 CCM Factory modification PLANT

POSCO(Gwangyang) #4, #5 COLD MILL PLANT

POSCO(Mexico) CGL PLANT

Hanbo Steel #1, #2 HOT STRIP MILL PLANT

Hyundai Hysco Yulchon Factory CGL PLANT

UNION STEEL #4 CCL PLANT

POSCO(Pohang) #3 STS HOT APL PLANT

POSCO(Pohang) STS CR PLANT

POSCO(Pohang) #1 Streamline construction billet, wire rod construction

POSCO(Pohang) #2 FINEX PLANT

POSCO(Gwangyang) CMCP PLANT

POSCO(Gwangyang) #2 MINI MILL PLANT

POSCO(Gwangyang) #1 CGL PLANT

POSCO(China) ZPSS PLANT

POSCO(Vietnam) CGL PLANT

Hwanyoung Steel PLATE MILL PLANT

UNION STEEL #4, #5 CGL PLANT

UNION STEEL PL-TCM PLANT



Career & Reference

Steel Plant(Korea)

Hyundai Steel(DangJin) PLATE MILL(Cooling phase) PLANT

Hyundai Steel(DangJin) PLATE MILL(COOLING BED) PLANT

Hyundai Steel(DangJin) PLATE MILL(Steel) PLANT

Dongbu Steel(DangJin) DBS UTSP PLANT

Dongkuk Steel(DangJin) PLATE MILL(Heating Furnace) PLANT

Hyundai Steel(DangJin) PLATE MILL(TABLE ROLLER) PLANT

Hyundai Steel(DangJin) PLATE MILL(Material) PLANT

Hyundai Steel(DangJin) CCM PLANT

Dongkuk Steel(DangJin) PLATE MILL(COOLING BED)
PLANT

Steel Plant(Foreign companies)

KAWASAKI(Japan) Dongbu Steel CGL PLANT

KAWASAKI(Japan) Turkey Iron Plant PLANT

VAI(France) China Iron Plant PLATE MILL PLANT

KAOHSING(Taiwan) Iron manufacture PLANT

KAWASAKI(Japan) Dongbu Steel KHI-APL PLANT

VAI(France) India Iron Plant HOT STRIP MILL PLANT

DANIELI(Italy) POSCO Iron manufacture PLANT

Paper Facilities

Hansol Paper Pakistan Factory Paper Facilities PLANT

Samyoung Paper Paper Facilities PLANT

Dongil Paper Paper Facilities PLANT

Youngpoong Paper Paper Facilities PLANT

Walsan Paper Paper Facilities PLANT

KEPPACK Paper Facilities PLANT

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Career & Reference

Crane Equipment

Indonesia JNPT Crane Equipment

Kuwait VAI/USIC Crane Equipment

Singapore PSA Crane Equipment

China DSME Co., Ltd.-China Crane Equipment

Incheon Port Crane Equipment

Malaysia SGT RMQC Crane Equipment

Egypt BESHAY Crane Equipment

Philippines Hanjin-Philippines Crane Equipment

Gwangyang Port Crane Equipment

Busan Port Step-3 Crane Equipment

Power plants

Boryeong Thermal Power Plant #3~#6 Coal PLANT

Muju pumping-up electric power station PUMP PLANT

Hadong Thermal Power Plant #5~#6 Coal PLANT

ETC

Hyundai Motors 5400 TON PRESS Facilities

KIA Motors Slovakia Factory 5400 TON PRESS Facilities







COMPOSITE COUPLING



WIND TURBINE COUPLING



GEAR COUPLING



JAW FLEXIBLE COUPLING



RUBBER FLEX COUPLING



GRID COUPLING



WIRE DRUM COUPLING



TIRE COUPLING



MUFF COUPLING



DISC COUPLING



COMPOSITE COUPLING

JAC-Composite Coupling is designed for installation in Cooling Tower.

- Long distance power transmission without bearing support.
- Overcoming the corrosive environment of the cooling tower.
- Improved lifetime of cooling system by light weight.
- Improved power efficiency.

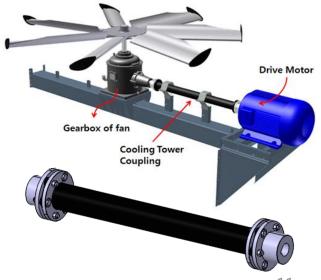


Specifications

Spacer Out Dia.: Ø210, Ø159, Ø108, Ø86, Ø70

Model No.

• JCT - 229, 171, 152, 133





WIND TURBINE COUPLING

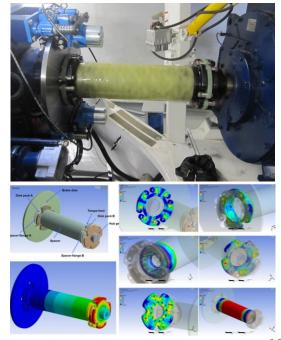
JAC-Wind Turbine Coupling is designed for installation in Wind turbine.

- Transmits power from the gearbox to the generator.
- Correct shaft misalignment.
- A torque limiter is installed to prevent overload.
- Insulation performance by applying composite material.



Specifications

- 0.75KW / 2MW / 3MW
- 5.5MW Short & Long Version





GEAR COUPLING

JAC-Gear coupling is basically conformable to the "Gear Type Shaft Couplings" specified by KS(Korea Standard) and other standards are further engineered to have them display higher performance by making the best use of its years of technical experiences and accumulated field experiments. With the capacity of handling heavy load, JAC gear coupling is much smaller and lighter than any other couplings. Noise or vibration is hardly produced even in high speed operation.



Specifications

- Double Engagement Gear Coupling : SSM, CCM, GD, GDL
- · Single Engagement Gear Coupling: SEM, CEM, GS, GSL

TYPE

- Gear Coupling with Space : SAM, CAM, GDS TYPE
- Gear Coupling with Floating Shaft: SHM, CHM, GFO TYPE
- · Gear Coupling with Brake Wheel: SSMB, SEMB, GDBW,

GSBW

Special Purpose Gear Coupling

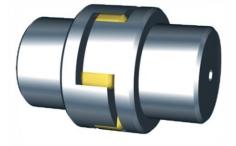
Model No.

- · SSM, CCM, SEM, CEM, SAM, CAM
- GD, GDL, GS, GSL, GDS, GDBW, GFO



JAW FLEXIBLE COUPLING

JAC-Jaw coupling is torsionally flexible and designed for positive torque transmission. It is puncture-proof. Operational vibration and shock are efficiently attenuated and reduced. Setting and repairing is easy.



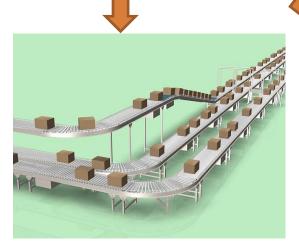
Specifications

• Bore Dia : Ø0.5 ~ Ø110mm



• CR 050 ~ 90100









RUBBER FLEX COUPLING

JAC-Rubber coupling is easy to install and fit by eliminating most vibration, it also eliminates most noises to improve working conditions and lengthen machine's service life. Even under severe conditions, it requires absolutely no lubrication. It simplifies the design especially in case where shaft vibration could be the particular problem.



Specifications

• Bore Dia : Ø100 ~ Ø700mm

Model No.

• RF







GRID COUPLING

JAC-Grid Coupling.

The movement of grid in the lubricated grooves accommodates parallel misalignment permits full functioning of grid – groove action in damping out shock and vibration. Under angular misalignment, the grid –groove design permits a rocking and sliding action.



Specifications

Horizontal Type : SH

Vertical Type : SV

Spacer Type : SAS, SFSBrake wheel type : SBW

Model No.

· 20S ~200S





WIRE DRUM COUPLING

JAC-Wire Drum Coupling is designed for installation in drum drive of crane and conveying system. The Wire drum coupling can be used in a very difficult and rough operating conditions of iron and steel works and continued heavy load operations in shore cranes



Specifications

• Bore Dia : Ø 40 ~ Ø470 mm

Model No.

• D 0.25 ~ 92





TIRE COUPLING

The biggest advantage of the JAC-MUFF Coupling is that it uses standard materaial FCD45(JIS) Instead of FC(JIS)

Muff Coupling is designed as a dividing structure, therefore, it is easy to assemble, disassemble and removal from shaft.

Muff Coupling(MC) is suitable to be installed for crain & hoist, conveyance agitator, sliuice, iron manufacturing works and to connect long length line shaft.

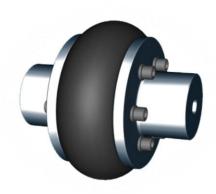


Specifications

• Out Dia : Ø100 ~ Ø700 mm

Model No.

• JAC-100 ~ 700





MUFF COUPLING

JAC-Tire Coupling uses natural compounds which makes couplings suitable for using in most conditions. Such as, handling combinations of parallel, angular and axial displacements. Installation is quick and easy. No special tools needed for reduced torsion vibrations. This also absorbs shock loads after installation and eliminates the need for lubrication.



Specifications

• Bore Dia: Ø25H8 ~ Ø120H8

Model No.

• J-M25 ~ J-M120





DISC COUPLING

Lubricating oil is unnecessary.

JAC-Disc Coupling has no sliding, frictional, or moving parts. Therefore, there is no friction or noise, and energy loss is low without dirty oil to cope with. Higher torsion and no backlash. For equipment such as machine tools with numerical controllers, indexing system, and printing machines requiring accurate shaft rotation and phase control, JAC-Disc Coupling is best suited because of their high torsion stiffness.



Specifications

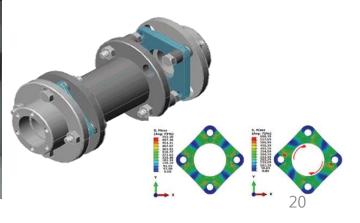
• A-Type(4Bolt) : A3, AX, A4, A5

• E-Type(6Bolt) : E4

G-Type(8Bolt): G4

Non- Standard

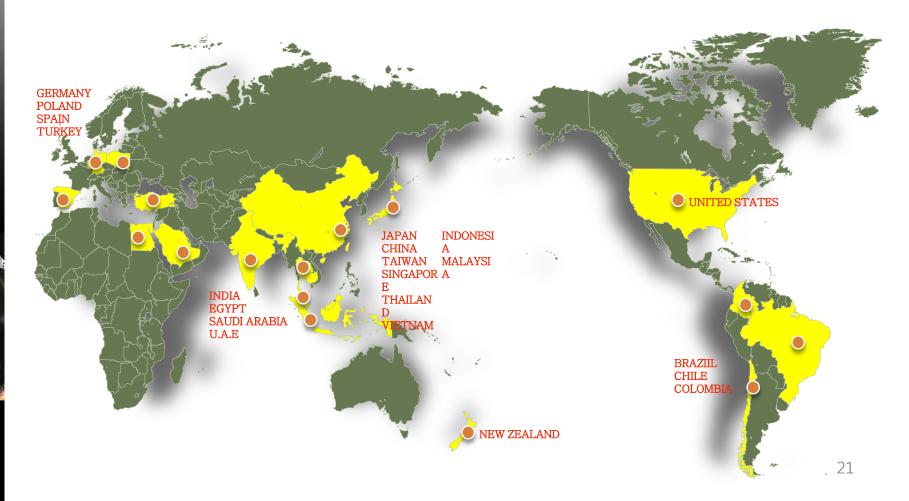
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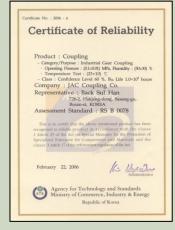
Customers around World

37 customers in 21 countries as of 2014, since 2008





Certificates



ATS



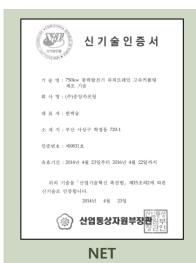
RINA



TUV













Top Quality



Gear Coupling Ø1,600

Briefing in front of President of Korea

Best Service

Trust



Booth in Exhibition



Member of Company 23



THANK YOU!



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