



Eng. version

**FLEXIBLE HOSE & BELLOWS**

TOTAL LINE UP CATALOGUE

OSAKA RASENKAN KOGYO CO., LTD. SINCE 1912

# 1. COMPANY PROFILE

# COMPANY PROFILE

## PROFILE

Name of company	Osaka Rasenkan Kogyo Co., Ltd.
President	Seiji Koizumi
Inauguration of business	March, 1912
Establishment of company	December, 1937
Capital	80 million yen
Location of head office, sales office and plants	
Head office and OSAKA plant	3-12-33, Himesato, Nishi-yodogawa-ku, Osaka 555-0025, Japan Tel: 06-6473-6151 Fax: 06-6473-6150
TOKYO sales office	2-20-4, 7F, Higashi-gotanda, Shinagawa-ku, Tokyo 141-0022, Japan Tel: 03-5423-2600 Fax: 03-5423-2611
FUKUROI plant	1700, Oyama, Fukuroi-city, Shizuoka 437-0056, Japan Tel: 0538-42-4103 Fax: 0538-42-0628
Main financing banks	
Mitsui Sumitomo Banking Corporation, Osaka Nishi Branch	Mitsui Sumitomo Banking Corporation, Sales Dept., Head Office
Mizuho Bank, Ltd., Nishinoda Branch	The Bank of Tokyo-Mitsubishi UFJ, Ltd., Utajimabashi Branch

## Major sites and buildings

Head office and OSAKA plant Site area	3,641m <sup>2</sup>
OSAKA plant 1st plant	1,041m <sup>2</sup>
2nd plant	2,382m <sup>2</sup>
FUKUROI plant Site area	37,382m <sup>2</sup>
1st plant	2,475m <sup>2</sup>
2nd plant	2,900m <sup>2</sup>
3rd plant	5,640m <sup>2</sup>

## Product line

- Flexible hoses
- Expansion joints (bellows)
- Vibration absorber
- Flexible hoses conforming to Fire Service Act
- Universal expansion joints conforming to Fire Service Act
- Teflon hoses
- Joint pipes
- Helical pipes

## Approvals

- |  |  |
|--|--|
| ● Welding qualification under Electricity Business Act | ● Welding qualification under Gas Business Act |
| ● Fire Equipment and Safety Center of Japan (FESC)     | ● Japan Water Works Association (JWWA)         |
| ● American Bureau of Shipping (ABS)                    | ● Registro Italiano Navale (RINA)              |
| ● Korean Register of Shipping (KR)                     | ● Central Research of Ships S.A. (CR)          |
| ● China Classification Society (CCS)                   | ● DNV GL AS                                    |
| ● Nippon Kaiji Kyokai (NK)                             | ● Lloyd's Register of Shipping (LR)            |
| ● Bureau Veritas (BV)                                  |  |

## Obtained certifications

- ISO9001
- ISO14001

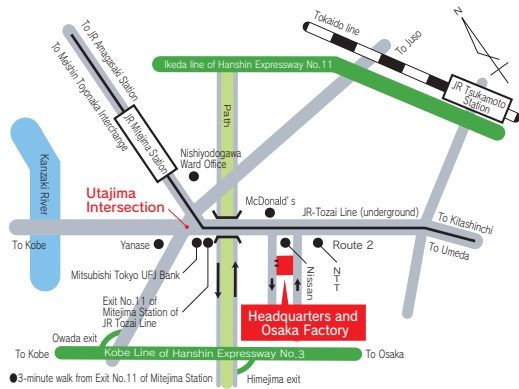
# COMPANY HISTORY

## HISTORY

Mar. 1912	Succeeded in domestically producing metallic flexible hoses and inaugurated production and sales at Minami-dori 5-chome, Shin-machi, Nishi-ku, Osaka
Dec. 1937	Established a company organization with capital of 300,000 yen.
Jan. 1938	Produced 80 percent of fuel hoses and electric conduits for military and naval aircrafts.
Apr. 1948	Relocated the head office at the present address and unified all the Plant.
Dec. 1965	The capital was increased to 20 million yen.
Jun. 1967	The capital was doubled to 40 million yen accepting a capital increase from the Osaka Small Business InvestmentCo., Ltd.
Nov. 1968	The then president Koizumi received an Academy Prize from International American Scientific Association.
Jun. 1969	Had a technical tie-up with Vulcan Australia Limited, and succeeded in domestic production of SIDEWINDER ducts.
Nov. 1969	Started construction of Fukuroi First Plant.
Mar. 1972	Started construction of Fukuroi Second Plant.
May. 1978	Became an authorized factory of American Gas Association.
Dec. 1980	Successfully Developed a highly flexible, ultra thin hose [ <b>Superfree</b> ]
Aug. 1982	At the head of the flexible hose industry, acquired type certification from the Japan Fire Protection Equipment and Safety center for products conforming to the Fire Service Act.
Jan. 1984	Developed the flexible hose and bellows for piping of vacuum apparatus.
Mar. 1986	Developed flexible hose [ <b>Hybridflex</b> ] and bellows [ <b>Hybrid bellows</b> ] consisting of metallic and Teflon components.
Jul. 1989	Developed [ <b>Megaflex</b> <sup>®</sup> ] a flexible hose with inner surface polished, and placed it on the market.
Sept. 1990	Developed formed bellows [ <b>Pressup bellows</b> <sup>®</sup> ] having the same sectional shape as welded bellows and high flexibility.
Feb. 1991	Succeeded in automatic brazing system for flexible hose by using welding robot.
Sept. 1991	Developed flexible hose [ <b>Hasty-22</b> ] using HASTELLOY C-22.
Jun. 1992	Completion of No.3 Fukuroi Plant. Achieved a mass production system for large size and long bellows.
Nov. 1992	Celebrated the company's 80th anniversary
Jun. 1993	The Tokyo sales office was moved to the present location.
Sept. 1993	The first private placement bond was issued.
Jan. 1995	Established a joint venture named "Beijing <b>BORK</b> Metal Hose Company Limited in Beijing".
Mar. 1995	The second private placement bond was issued.
Sept. 1996	Developed [ <b>Megaflex</b> <sup>®</sup> ], provided with inner surface polished and vacuum double-melted materials at both pipe end fittings.
Feb. 1997	BORK received ISO 9002 certification.
Mar. 1998	The Capital was increased to 80 million yen.
Apr. 1998	ORK Fukuroi plant (Shizuoka) acquired certification of ISO 9002 quality system.
Jun. 1998	Clean-room completed at Fukuroi plant.
Jan. 2000	Developed earthquake-proof piping system [ <b>Dodge<sup>3</sup>Joint</b> <sup>®</sup> ].
Mar. 2000	The third private placement bond was issued.
Apr. 2001	Developed the smallest flexible hose in the world [ <b>3A Super Mini Flex</b> ].
Oct. 2002	Beijing BORK Metal Hose Company Limited acquired certification of ISO 9001.
May. 2003	ORK comprehensively acquired certification of ISO9001. Fukuroi plant acquired certification of ISO14001
Jul. 2003	[ <b>Dodge<sup>3</sup>Joint</b> <sup>®</sup> ] acquired type certificate of Fire protection Equipment and Safety Center of Japan (FESC)
Apr. 2005	ORK comprehensively acquired certification of ISO14001
Dec. 2006	The fourth, fifth private placement bond were issued.
Sept. 2007	Started construction of the Second plant at the Head office, and completed clean rooms.
Dec. 2008	Implemented Fukuroi Plant with a vacuum heat-treating furnace.
Feb. 2012	Developed [ <b>Clear Flow Flex</b> ], turbulence suppressive low-vibration flexible hose.
Dec. 2013	The sixth, seventh private placement bond were issued.
Feb. 2014	Developed [ <b>Worm Free Flex</b> ], ultra flexible and long service life hose.
Nov. 2016	Begun operation of two types of FCV (Fuel Cell Vehicle) at Osaka head office and Tokyo sales office.
Jun. 2017	Begun operation of solar power (0.6MW) at Fukuroi plant.
Oct. 2017	Developed low reaction force, long service life, new type formed bellows [ <b>Light Free Bellows</b> ].

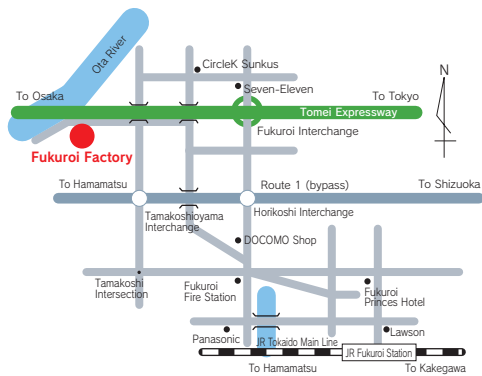
## ● Head office and OSAKA plant

3-12-33, Himesato, Nishi-Yodogawa-ku, Osaka 555-0025, Japan  
TEL:06-6473-6151 FAX:06-6473-6150



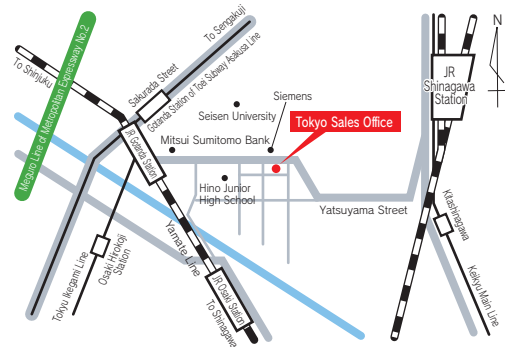
## ● FUKUROI plant

1700, Oyama, Fukuroi-shi, Shizuoka 437-0056, Japan  
TEL:0538-42-4103 FAX:0538-42-0628



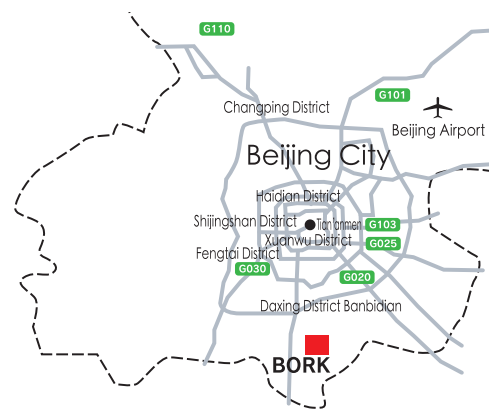
## ● TOKYO sales office

2-20-4, 7F, Higashi-Gotanda, Shinagawa-ku, Tokyo 141-0022, Japan  
TEL:03-5423-2600 FAX:03-5423-2611



## ● Beijing BORK Metal Hose Co., Ltd.

PO Box 1286 Banbian Daxing District, Beijing, China  
TEL:010-8923-1222~6 FAX:010-8923-1227



Head office and OSAKA plant



FUKUROI plant



Beijing BORK Metal Hose Co., Ltd.