

WEB HANDLING MAIN DEVICES



CONTENTS



PAT. PAT. PEND.
Special features

Suction Roll

Standard to micro suction holes
 Fixed/variable effective suction width





420°C heat resistance
 Mon-contact film transport

Air Turn Bar



PAT. PAT. PEND.

Special features

- Web tension distribution measurements
- Intrinsically safe explosion proof

Non-contact Web Tension Meter P8-9





Acid and alkaline resistance
 Non-contact transport in liquid
 SUS-304, 316, 316L, Titanium, Hastelloy

Liquid Turn Bar

P4-5

P6 - 7

CONTENTS



Quotation request form Confirm Specs and Uses

Suction Roll, Air Turn Bar, Non-contact Web Tension Meter, Liquid Turn Bar

About us

Company Profile

P18-19

P14-17

• History, customers, and a map to BELLMATIC

- While information herein is updated in a timely manner, the specifications and designs of the products are subject to change without notice for improvements.
 Reprinting or reproducing the contents herein without permission is prohibited.
- P 3

Suction Roll



PAT. PAT. PEND.

Special features

Standard to micro suction holesFixed/variable effective suction width

Suction Roll

Device overview

The Suction Roll takes in air through the holes on its surface and holds the base material by suction to carry it. The Suction Roll is designed for tension cutting (alternative to nip rolls) for the base material to carry or for use as a driving roll.

Special features

- Increased tension cutting force thanks to the wide suction area
- Small suction holes preventing marks (available in 3 types of surface profiles)
- Heat resistant (200°C)
- Stable tension cutting force even during high-speed rotation

Use

- Processing of Plastic films/Papers/Metal foils, and for the carrier line.
- Variety of Printers/Rolling mills/Coating machines/Calendaring machines/Slitter machines/ Laminating machines/Textile machinery/Packaging machines, Feed rolls/Pull rolls, also for Tension cutting

Examples of applicable base materials

- Resin films (e.g., PET, PP, TAC), optical foils, metal foils, rubber sheets, fabrics, and other non-porous base materials
- Water removal from unwoven fabric

Production specs

Diameter	: φ100~450 mm
Length	: 100~5800 mm
Materials	: Aluminum (Alumite process), S45C (plating), SUS-304
Roll surface	: SUS-304, SUS-316
Surface profile	: Standard/Middle hole/Micro hole
Structure	: Fixed suction width/Variable suction width

Suction Roll



- Can carry the material by adhering to one side of the material
- Causes no creases due to the material sticking to the entire roll surface
- Can hold the entire base material by suction to prevent it from slipping
- Requires caution because of the rotating body
- Does not need replacing unless the holes are clogged (it is recommended to replace the bearings regularly)



- Carries the material by adhering to both sides of the material Causes the rolls to bend due to the nip, leading to creases or scratches
- Foreign objects caught causes dents or scratches
- Poses a risk of becoming trapped in the rolls
- Causes dust or necessitates the replacement or adjustment of the rolls, due to the degradation of the rubber



Use: Dry film (standard spec)

Product lineup



Air Turn Bar



PAT. PAT. PEND.

Special features

- 0 to 180-degree angles
- 420°C heat resistance
- Non-contact film transport

Air Turn Bar

Device overview

The Air Turn Bar discharges air from the holes on its surface and raises the base material using the discharge pressure to carry it in a contactless manner.

Special features

- Non-contact, preventing scratches, creases and static electricity
- Capable of stably raising and carrying the material thanks to it being lifted only 1 to 2 mm on average
- Extremely low discharge airspeed of 1 to 5 m/sec, preventing twisting and fluttering
- Capable of continuous transport with extremely low tension
- Unaffected by the transport speed
- No need for bearings thanks to the non-rotating body, causing no mechanical loss
- Capable of working as a drying furnace by discharging hot air (420°C heat resistance)
- Capable of preventing scratches due to a difference in rotational direction between the base material and guide rolls during a directional change

Use

- Non-contact transport of non-porous base materials
- Heating/cooling
- Alternative to guide rolls

Examples of applicable base materials

• Resin films (e.g., PET, PP, TAC), optical films, metal foils, rubber sheets, fabrics, substrates, etc.

Production specs

Width of Turn bar	: 80~1000 mm
Length	: 100mm~6800 mm
Material	: SUS-304, SUS-316, Titanium
Surface	: Special perforated panel (patented)
Included angle	: 0~180 degrees (standard: 0, 90, 180 degrees)

Air Turn Bar





Non-contact Web Tension Meter



PAT. PAT. PEND.

Special features

- Angles from 90 to 180 degrees
- Tension display
- Web tension distribution measurements
- Intrinsically safe explosion proof

Non-contact Web Tension Meter

Device overview

The Non-contact Web Tension Meter is a device equipped with the Air Turn Bar that measures the air pressure in the gap with the raised base material and converts the air pressure into the tension to carry out tension measurement and tension distribution measurement in a contactless manner. It can also carry out the detailed measurement of slack in the base material.

Special features

- Non-contact measurement
- Fast response rate
- Ultra-low tension measurement
- Hot spot measurement
- Intrinsically explosion-proof construction
- Non-contact measurement in liquid

Use

- Non-contact tension measurement for films, paper, metal foils, rubber sheets, fabrics, and other non-porous base materials
- Tension distribution measurement (substrate width direction)

Main Unit

- Tension output Touch panel (graphs/numbers) or panel meter (numbers)
- Analog output 4~20 mmA/1~5 V
- Measurement precision ±1%, full scale (pressure sensor accuracy)
- Responsivity
 Within 20 ms
- Measurement availability 1~1000 N/m
- Measuring points
 Any points (minimum pitch: 40.5 mm)
- Included angle
 90~180 degrees (standard: 90, 180 degrees)

Non-contact Web Tension Meter

Diagram of the measurement principle

Pressure changes in the gap between the film raised by air and the surface of the turn bar are detected to display the tension.



Tension/distribution measurement

You can carry out tension distribution measurements at any specified point in the width direction.



Waveform with 20-ch measuring points placed

Liquid Turn Bar



PAT. PAT. PEND.

Special features

- Acid and alkaline resistance
- Non-contact transport in liquid
- SUS-304, 316, 316L, Titanium, Hastelloy

Liquid Turn Bar

Device overview

The basic structure is the same as that of the Air Turn Bar. The liquid in the tank is pressurized by a pump to raise the base material by the liquid pressure, and it is discharged into the tank for use in circulation.

Special features

- Non-contact, preventing scratches and creases
- Capable of stably raising and carrying the material thanks to it being lifted only 1 to 2 mm on average
- Capable of continuous transport with extremely low tension
- Unaffected by the transport speed
- Capable of reducing maintenance cost due to no need for bearings
- Heat resistant
- Enables non-contact tension measurement in the liquid (optional)
- Available as a washable type (optional)
- Compatible with strong acid/alkaline

Use

- Non-contact transport of non-porous base material in liquid
- Cleaning with pure water
- Chemical treatment

Examples of applicable base materials

• Resin films, metal foils, substrates, etc.

Production specs

: 100~1000 mm (washable type: 150 mm~)
: 100~6800 mm
: SUS-304, 316, 316L, Titanium, Hastelloy
: Special perforated panel (patented)
: 0~180 degrees (standard: 90, 180 degrees)

List of Demonstration/Test Machines

List of Demonstration/Test Machines



Device configuration

- Cross inverter
- Variable-width Suction Roll
- Non-contact Web Tension Meter (number of measuring points: 18 ch)
- Accumulator

Basic material width	: 300~1000 mm
Tension	: 10~40 N/1000 mm
Speed	: 5~30 m/min
Core size	: 3" or 6"
Core length	: 300~1050 mm
Winding diameter	: Max. φ 250



Surface profile
Length
Diameter
Basic material width
Included angle

: Standard/Middle/Micro : 1100 mm : φ200 : 1000 mm : 15~90°



Length	: 600
Width	: 200
Basic material width	: 500
Tension	: 100
Included angle	: 180°

600 mm 200 mm 500 mm 100 N/500 mm 180°

<image>

Length	: 400 mm
Width	: 120 mm
Basic material width	: 300 mm
Included angle	: 180°
Tension	: 30 N/300 mm
Number of measuring	a points: 9 ch

Drying furnace

				-	
	[[[[[[-
[[11	[[[

Length Basic material width Tension Temperature : 650 mm : 600 mm : 50 N/600 mm : 120°C Suction Roll

Non Fric Cylinder



Device overview

The Non Fric Cylinder controls the looseness and tension of the dancer roll while lowering mechanical loss by using air.

Special features

- Capable of operating by micro-pressure thanks to the reduced friction and mechanical loss by the air gap in the sliding part
- Operating cylinder is very light, made from CFRP (Carbon Fiber Reinforced Plastic).
- Long stroke production
- Low maintenance
- Simplified structure compared with conventional products prevents failure due to rubber getting caught.

Cleaned air

Unavailable

20°C~25°C/Under 50% RH

0.16 kPa for NFC-40-100

1 kPa for NFC-40-100

Use

- Dancer control device for web transport line
- Reeling machine touch roll

Specification

- Operating pressure range 0.01~0.3 MPa
- Gas used
- Temperature/Humidity
- Lubricant/Moisture
- Initial pressure
- Working pressure

Figure 1 Figur

> *For the Non Fric Cylinder and the Linear Guide Air Cylinder, thrust is calculated in the same manner.

Production specs

Cylinder diameter	: φ 20~100 mm (standard) Other sizes are also available (custom-made).
Stroke	: 50 mm pitch (see our website for details)
Inner cylinder material	: Aluminum (Hard-alumite process)
Outer cylinder material	: CFRP (Carbon Fiber Reinforced Plastic)

Precautions for use

- The device must be installed vertically when in use.
- It must not be used in parallel except for special purposes.
- For use in configurations other than vertical, use the Linear Guide Air Cylinder.

Linear Guide Air Cylinder



PAT.

Special features

Low friction
 Offset load resistance
 Capable of horizontal loading

Linear Guide Air Cylinder

Device overview

Like the Non Fric Cylinder, this device controls the dancer roll by using air, but it can be used in configurations other than vertical.

Special features

- Long stroke production with low friction, low mechanical loss and lightweight in the same manner as the Non Fric Cylinder
- High accuracy, high rigidity
- Extremely robust to unbalanced loads
- High loads can be added to the cylinder lot (Linear guide).
- The piston part is integrated with the linear guide using ball bush.

Use

- Dancer control device for web transport line
- Reeling machine touch roll
- Shock absorber

Specification

- Operating pressure range 0.01~0.3 MPa
- Gas used
- Temperature/Humidity 20°C~25°C/Under 50% RH

Cleaned air

- Lubricant/Moisture
 Unavailable
- Initial pressure
 0.2 kPa for LGAC-40-100
- Working pressure 1 kPa for LGAC-40-100

Production specs

Cylinder diameter	: φ 21~60 mm (standard) Other sizes larger than φ 60 mm
	are also available (custom-made).
Stroke	: 50 mm pitch (see our website for details)
Shaft material	: SUJ-2 (Hard chrome)
Outer cylinder material	: CFRP (Carbon Fiber Reinforced Plastic)

Precautions for use

- The device can be installed either vertically or horizontally when in use.
- It must not be used in parallel except for special purposes.

Dear Sir or Madam

Thank you very much for your continued patronage. We would like to ask you to fill out the form below and reply. Thank you again for your time.

					Date			
Comp	bany					TEL		
Depai	tmen	t				FAX		
Name)					E-mail		
S	•Ba	ase material type:				 Tensior 	n cutting amount: N/	mm
tion	•Base material thickness: µm				μm	•Temperature: °C		
fica	•Ba	ase material width	:		mm			
ecit	•Tr	ansport speed:			m/min	•Numbe	r of rolls:	
Sp	•Ba	ase material inclu	ded ang	le:	0	• Cleanlir	ness level:	class
SL	•Rc	oll diameter: φ			mm	•Roll sur	face length:	mm
pecificatio	•Su	iction method: _	- □Fixec widtł - □Varia suction	l suction bleVa width me	rying _ ethod:	Auto (non-explos	sion proof) Control xplosion proof) panel:	─ □ Required - □ Not required
s II	•Ro	oll surface profile:	Star	dard		Middle h	ole Micro hole	
	•Ro	oll material:	Alun	ninum (stanc	lard)		Other ()
ш.	•Sh	naft material:	S450	C (standard)		⊡Other ()	
ions	iired	• Piping length:		m (Piping ma he scope	aterial is outside of quotation.)	•Vacuum meter:	5
ificat	lot requ	•Operating environment:	□Indo	or 🗌 Outo	door		 Required Not Blower control panel 	required :
)ec		• Frequency:	□50 H	z 🗌 60 H	lz	□(Hz)	Required Not	required
er sp	luired	•Voltage:	200	√ □220	V	□(V)	●Inverter: □Required □Not	required
Blow	□Req	• Motor:	□Non □Pres □Incre	explosion p sure-resista ased-safety	roof nt explo explos	osion proof ion proof	 HEPA filter for exhau □Required □Not 	st required
Desir	ed de	elivery date		Place of de	elivery		Place of use	



Thank you. We will get back to you shortly. 387-1 Nihongi, Mizuho-machi, Nishitama-gun, Tokyo, 190-1201 Japan TEL: +81-42-556-1111 <u>https://bellma.com</u>

Quotation request form

To Sales Division, BELLMATIC LTD. FAX: +81-42-556-0011 E-mail: contact@bellma.com

Dear Sir or Madam

Thank you very much for your continued patronage. We would like to ask you to fill out the form below and reply. Thank you again for your time.





Thank you. We will get back to you shortly.

387-1 Nihongi, Mizuho-machi, Nishitama-gun, Tokyo, 190-1201 Japan TEL: +81-42-556-1111 https://bellma.com

form

Dear Sir or Madam

Thank you very much for your continued patronage. We would like to ask you to fill out the form below and reply. Thank you again for your time.

	5	0 ,					Date		
Comp	bany				TE	ΞL			
Depa	rtmen	ıt			FA	ΑX			
Name)				E	mail			
	•Ba	ase material type	:			•Temperat	ure:	°C	
SU	•Base material thickness: µm					Number of rolls:			
atio	Base material width: mm					•Cleanliness level: clas			
ific	•Tr	ansport speed:		m/mi	n	•Number o	of measuring points:	ch	
bec	•Te	ension: N/		mm	_	• Measuring	g pitch: mm (minimu	ım pitch: 40.5 mm)	
S	•Tu	ırn bar material: [ີSUS-304 (ຄ	standard)	sus	-316 🗆 Tit	anium 🗌 Other ()	
		1)90°		②180°			3Special angle_	<u>° (90°~180°)</u>	
Use		4 Cross inv	erter (to flip the	e product)		⑤Directi	ional change		
		1	- 20			<	Ontion		
ions	uired	Piping length:	r	(Piping r the scop	nater be of o	ial is outside quotation.)	Piping junction box:	5	
ficat	ot req	 Operating environment: 	Indoor	Outdoor			☐Required ☐Not r • Pressure gauge:	equired	
pecil	Ň	• Frequency:	□50 Hz	□60 Hz		(Hz)	 Required ONOT r Blower control panel: 	equired	
er sl	ired	Voltage:	□200 V	□220 V		(V)	□Required ⊡Not r ● Inverter:	equired	
Blow	□Requ	• Motor:	Non-expl Pressure-	osion proof resistant explos I-safety explosic	ion p on pr	oroof oof	□Required □Not r ●HEPA filter: □Required □Not r	equired equired	
Others	Tens pres	sion detection :	Required ⊡Not require	Tension indicator ed	۲ [:] ۲	- Required -	ed Indicator (dig	gital display)	
Desir		envery date		ace of delivery			FIACE OF USE		

Bellmatic[®]

Thank you. We will get back to you shortly.

387-1 Nihongi, Mizuho-machi, Nishitama-gun, Tokyo, 190-1201 Japan TEL: +81-42-556-1111 <u>https://bellma.com</u>

Quotation request form

To Sales Division, BELLMATIC LTD. FAX: +81-42-556-0011 E-mail: contact@bellma.com

Dear Sir or Madam

Dear Thanl	Sir oı < you	r Madam I very much for yo	ur continued patronage. W	e would like to asl	k you to fill out the form belo	w and reply.	
Ihani	k you	i again for your tim	1e.	Date			
Comp	oany			TEL			
Depa	rtmei	nt		FAX			
Name	Ð			E-mail	E-mail		
ations	Base material type:			•Tension:	N/	mm	
	•Base material thickness: µm			 Temperatu 	•Temperature: °C		
	Base material width: mm			Number of	Number of rolls:		
	•Transport speed: m/min			n •Liquid type	• Liquid type:		
Dec	•Base material included angle: °			•Liquid pH:	•Liquid pH:		
ク	•Turn bar material: SUS-304 (standard) SUS-316 SUS-316L Titanium Other ()						
Uses							
Others	Tension : Required Number of measuring points: ch Measuring pitch: mm (minimum pitch: 40.5 mm) Tension detection : Required Tension : Tension indicator : Required Indicator (Digital display)						
Pump specifications	Bequired Not required	 Operating environment: Frequency: Voltage: Motor: 	 □Indoor □Outdoor □50 Hz □60 Hz □200 V □220 V □Non-explosion proof □Pressure-resistant exp □Increased-safety explosion 	□(Hz) □(V) losion proof psion proof	• Filter:	ired ired ired ired ired	
Desired delivery date Place of delivery Place of use							



Thank you. We will get back to you shortly.

387-1 Nihongi, Mizuho-machi, Nishitama-gun, Tokyo, 190-1201 Japan TEL: +81-42-556-1111 https://bellma.com

Company Name Founded Established Sales Office/ Factory Capital Main bank(s)	 BELLMATIC LTD. February 16, 1989 September 1, 2002 Representative director: Shinobu Furuki 387-1 Nihongi, Mizuho-machi, Nishitama-gun, Tokyo, 190-1201 Japan TEL: +81-42-556-1111 (Main) FAX: +81-42-556-0011 10,000,000 yen Higashi-Ome Branch, Resona Bank Sales Department, Head office, Hanno-Shinkin Bank 				
History	1981 Apr. 1982 Feb. 1983 Mar. 1985 Oct. 1987 Dec. 1989 May. 1989 May. 1990 Jan. 1991 Mar. 1994 Dec. 1995 Mar. 1998 Dec. 1995 Mar. 1998 Dec. 1995 Jan. 2002 Sep. 2004 Jan. 2005 Feb. 2013 Dec. 2015 Dec. 2022 Dec.	Established the company Developed a powerful demagner in Japan and four other countries Developed a belt-conveyor-type Developed a 7-roll super calend Developed a 7-roll super calend Developed a magnetic gravure r and outside Japan Developed a continuous orientat to be certified under the Health, certification system) Developed and sold an air floatin Developed and sold a low-friction Developed and sold a low-friction Developed a magnetic roll press and patented it in five foreign co Successfully developed and pat Launched and patented the Suc Launched and patented the Air Developed a tube die coater hea Successfully developed a non-c Changed the company name to Developed a clean blaster, which Developed a non-contact accum Developed a non-contact web c	tizer for rare-earth magnets, and patented it s precision magnetic eraser for magnetic tape off or new-structure magnetic tape off or magnetic tape, and patented it in tion device for magnetic tape (the world's first Labor and Welfare Ministry's explosion proof ng guide roller (product name: BELLFROLLER) n cylinder (product name: NONFRIC CYLINDER) urizer (product name: MAGNAPOWER CALENDER), untries ented arc bearings tion Roll furn Bar ad, and patented it internationally (in five countries) ontact tension meter, which is patent-pending BELLMATIC LTD. (company split-off) er, which is patent-pending n is patent-pending n, which is patent-pending nulator, which is patent-pending ontroller, which is patent-pending r drying furnace tester		
Distributor	Sole distributor of the Non Fric Cylinder SHINKO CO., LTD. (+81-6-6552-3171)				
Main Product Lineup	Suction Roll Air Turn Bar Non-contact Liquid Turn B Non Fric Cylir Linear Guide	Web Tension Meter ar nder (low-friction cylinder) Air Cylinder	 Patented, Patent pending Patented, Patent pending Patent pending Patented, Patent pending Utility model Patent pending 		

Company Profile

Customers

- IHI Corporation
- Akatsuki Machina Co., Ltd
- · Asahi Kasei Corp.
- Ajinomoto Co., Inc.
- Arisawa Manufacturing Co., Ltd.
- THE ICHIKIN, LTD.
- IMURA & Co., Ltd.
- Ushio Inc.
- EIKO SOKKI Co., Ltd.
- AGC Inc.
- SKC
- ENEOS LC COMPANY, LIMITED
- LG Electronics
- Okura Industrial Co.,Ltd.
- Oji Tac Co., Ltd.
- OKAMOTO INDUSTRIES, INC.
- ORIENT SOGYO CO., LTD.
- Kao Corporation
- Kawakami Co.
- KYOCERA Corporation
- KUMAMOTO IDM CO.,LTD.
- Kuraray Engineering Co.,Ltd.
- Clean Technology Inc.
- GUNZE LIMITED
- National Printing Bureau
- KONICA MINOLTA OPTO, INC.
- Komori Corporation
- SUN TECTRO
- SANDO TECH, Inc.
- · Sanwa Machinery Co., Ltd.
- JSR Corporation
- JTEKT CORPORATION

- Shikoku Tohcello
- Shinohara Manufacturing Co., Ltd. TORAY ADVANCED FILM Co., Ltd.
- SHIBAURA MACHINE CO., LTD.
- ASAHI KASEI PAX CORPORATION Shin-Etsu Engineering Co., Ltd.
 - Sumitomo Metal Mining Co., Ltd.
 - Sumitomo Bakelite Co., Ltd.
 - Sumitomo Riko Company Limited
 - 3M Japan Limited

 - SEKISUI CHEMICAL CO., LTD.
 - · Cellolabel Ltd.
 - Sony Corporation
 - SOMAR CORPORATION
 - Taisei Laminator Co.,LTD.
 - Daicel Corporation
- ORC MANUFACTURING CO., LTD. Dai Nippon Printing Co., Ltd.
 - TAIFLEX Scientific Co., Ltd.
 - CHIBA MACHINE INDUSTRY CORPORATION
 - Chukoh Chemical Industries, Ltd.
 - CHUGAI RO CO., LTD.
 - DNP Engineering Co., Ltd.
 - TDK Corporation
 - TEIJIN LIMITED
 - DIC Corporation
 - Techno Smart Corp.
 - Dexerials Corporation
 - Toa Electronics Co., Ltd.
 - TOKYO OHKA KOGYO CO., LTD.
 - Toshin Co., Ltd.
 - Tonen Chemical Corporation
 - Toyo Technical Co., Ltd.
 - Toray Industries, Inc.
 - Toray Engineering Co.,Ltd.

Map of the area surrounding

BELLMATIC

Okuzu

LTD

BF

2 🛃

- DU PONT-TORAY CO., LTD.
- Toppan Inc.
- TOYOTA MOTOR CORPORATION

Suction Roll

Air Turn Bar

Non-contact Web Tension Meter

Liquid Turn Bar

List of Demonstration/ Test Machines

Non Fric Cylinder

Linear Guide Air Cylinder

Quotation request form

Company Profile

P19

Maxell Sliontec Ltd.

· Mitsui Chemicals, Inc.

MITSUBISHI CHEMICAL

• MusashinoKikai Co. Ltd.

Muraoka Co., Ltd.

MAYSUN Co.Ltd

UBE Corporation

• Ricoh Co., Ltd.

· Yazaki Parts Co., Ltd.

Unicharm Corporation

RAIZNEXT Corporation

Resonac Corporation

• YURI ROLL Co., Ltd.

Mazda Motor Corporation

• MARUTO SANGYO CO., LTD.

• Mitsui Chemicals Tohcello, Inc.

Mitsubishi Chemical Corporation

ENGINEERING CORPORATION

Mitsubishi Paper Mills Limited

• Murata Manufacturing Co., Ltd.

• Meiko Electronics Co., Ltd.

· Yasui Seiki Company, Ltd.

• YURI ROLL MACHINE Co., Ltd. RIKEN TECHNOS CORPORATION

• ROCK GIKEN KOGYO Co.,Ltd.

*Names are in Japanese alphabetical

To Higashiyamato

To Tanashi / Shinjuku

• JR Ome Line About 15 minutes by a taxi from Ozaku Station

JR Hachiko Line About 10 minutes by a taxi from Hakonegasaki Station

order (honorifics omitted).

Iruma Interc

Prefectu road 219

BELLMATIC LTD

Yokota Air Base

(Bv train)

East Exit

East Exit

- Nabtesco Corporation
- Nichiban Co., Ltd.
- NIPPON STEEL Chemical &
- Material Co., Ltd.
- Nitto Denko Corporation
- NITTOKU CO., LTD.
- NGK Insulators, Ltd.
- NIPPON CHEMI-CON CORPORATION
- The Japan Steel Works, Ltd.
- Nippon Paper Industries Co., Ltd.
- NIPPON STEEL CORPORATION
- Zeon Corporation
- Nippon Denkai, Ltd.
- NIPPON MEKTRON, LTD.
- NEWLONG INDUSTRIAL CO., LTD. NORITAKE CO., LIMITED
- High-Tech Corporation
- Panasonic Corporation
- PANAC INDUSTRIES, INC.
- · Via Mechanics, Ltd.
- Hitachi Zosen Corporation
- Hitachi Power Solutions Co., Ltd.
- TERAOKA SEISAKUSHO CO., LTD. HIRANO TECSEED Co., Ltd.
 - FUJI KIKAI KOGYO Co., Ltd.
 - FUJICOPIAN CO., LTD.
 - Fujishoko Co., Ltd.
 - FUJI TEKKO CO.,LTD.
 - FUJIFILM Corporation • FUJIMORI KOGYO CO., LTD.

· Maxell, Ltd.

To Higashi-Hanno To Hanno

To Haiiima

About 3 km or 10 minutes from Ome Interchange

About 5 km or 15 minutes from Iruma Interchange

*Parking is available on the premises.

To Haijim

Ome Interchang

BELLMATIC LTD.

LIQUID TURNBAR

387-1 Nihongi, Mizuho-machi, Nishitamagun, Tokyo 190-1201 TEL: 81-42-556-1111 FAX: 81-42-556-0011 https://bellma.com contact@bellma.com

NON FRIC CYLINDER

180° AIR-TURNORY

LINEAR GUIDE MR CAUNDER

00

WED

B TENSION METERS SUCTION ROLL

HAR ANNO STANK