

Assembly Solutions Division

Pneumatic Tools

Electrical Tools

Nut Runners & Servo Presses

Air Hoist, Air Balancer, Spring Balancers

Material Handling Systems

Couplings, Hose & Fittings

Innovations-Solutions-Success

TOTAL JAPANESE MANUFACTURING SOLUTIONS
Assembly Solutions Division
General Product Catalogue



Excluding Design



About us :

Arhan Technologies Pvt. Ltd is an integrated business enterprise having diversified engineering operations in the field of

- Marketing goods and Solutions in Assembly lines of Automotive, Engineering and White Goods
- Marketing and providing specialized solutions in Machine Tools & Equipments, Production Lines
- Japanese Mechatronics, Industrial Equipments Supply
- Automotive Parts Manufacturing with Japanese Joint Ventures

It would be our pleasure to serve you at your various business, solutions requirements.

Assembly Solutions Division

Total Support in Assembly Line Solutions

Our Assembly Solutions Division is closely working with most of Leading, Popular Japanese Tools, Equipments, Fittings, Consumables manufacturers and offer solutions for smooth, efficient production, economical quality assemblies in Automotive, Motorcycle, White Goods, Engine manufacturers, Various Engineering Industries, Electrical/ Electronic Equipments and assemblies total industries requirements.

Most of Automotive Vehicle, White Goods manufacturers are our satisfied customers. We provide One Window solution with Technical support.

We also manufacture material handling ergonomic solutions as per our customer needs. We offer Total Support from product selection to AMC, Spares supply and services as when required to our customers.

We Offer Total Assembly Line Solutions In

- Pneumatic Tools & Accessories
- Electrical Tools & Equipments
- AC Nutrunners, AC Servo Presses
- Tubing and Fittings
- Torque measuring and Analyzers
- Fastening Systems with Screw/ Bolt Feeders
- Ergonomic Material Handling and Suspension Systems
- Energy Saving Solutions

Great Advantages

- One Window – Total Assembly Solutions
- Economical Pricing
- Quick Deliveries
- Direct Yen Shipments from Japan
- Total Material Handling Solutions
- Total Support in Installation, Spares, Service,
- AMC, Equipment Calibration etc
- Japanese manufacturer's direct application support

Machine Tools Division

Reliable Solutions to Exceed Customer Needs

Our Machine Tools Division is associated with various leading Japanese and Taiwanese machine tools companies to provide diversified manufacturing solutions to our customers in Metal Cutting, Metal Forming, Metal Fabrication, ID/OD/Angular/ Orbital Grinding, Broaching, Honing, Gear Hobbing, Deburring, Chamfering, Drilling/ Tapping, Cold/ Hot Forging Presses, Automated lines and Large Drilling machines.

We look forward to your requirements to offer you suitable solutions from our business principles.

Customer Segments

- Automotive, Two/ Three Wheeler Industries
- Commercial Vehicles, Tractors, Farm Equipments Industries
- Diesel Engines & Locomotives Industries
- Power Generation & Heavy Industries
- Machine Tools & Infrastructure Industries

Our Principle Machine Manufacturers

DMG MORI **TAIYO KOKI**
THE GRINDING MACHINE COMPANY

Koyo **KONDO** **TOYO**
For the future of technology

JTEKT **HORKOS** **AMADA** **SII**
JTEKT CORPORATION Sanko Instruments Inc.

TAKEZAWA-SEIKI **TSUNE** **SNK**
Brings Innovation to Honing Process

WOODWAY **NAGASE** **IZK**
THE ULTIMATE MACHINING POWER OPTIMUM VALUE OPERATOR MANUFACTURE

AIDA **SANYO MACHINE**

We can maximize your profits !

India's No. 1 Source

Japanese Engineering Products



Arhan Technologies Pvt. Ltd.

Industry & Sourcing Division

One Window Solution ! Access to Many Japanese Manufacturers !!

Arhan is only Indian company having own sourcing office in Japan to cater to needs of our customers for numerous advantages and cost reduction. Our Japanese colleagues support our customers to meet their requirements. We offer better services over Japanese Trading houses by understanding Indian customer needs!

Great Advantages ! ... Never Before !!

- Single Window Solution! Various leading brands under one roof
- Arhan is supported by Japan's top Mechatronics parts supplier having 5000 Crores+ sales turnover and working with 600+ Manufacturers
- We also source products direct from manufacturers
- 100% Assurance of Original Japanese products
- Guaranteed cost reduction through Direct imports from Japan
- Single import process of various products reduces your import/ clearance costs drastically
- Quick Deliveries & Local service support
- We identify your correct needs to replace old parts, changed models through direct consultation with manufacturers
- Our customers save time, money and efforts of approaching various suppliers to take quotations and purchase process time

*When you have so many advantages,
Why to depend on old suppliers ?*



Product Segments

- Motors, Gear Motors, Gear Boxes, Servo Motors, Inverters
- Motion Control, Bearings, Guides, Bushes
- Chain, Drive Systems
- Belts, Gears, Couplings, Tensioner
- Machine Tool Accessories, Spare Parts
- Hydraulic & Pneumatic Equipments
- Electrical/ Electronic Products
- Automation related Parts, Peripherals
- Jigs, Fixture Modular Parts, Clamping Elements, Vise
- Consumable Parts, Abrasives

Customer Segments

- Automotive Manufacturers (Car, 2/3 Wheelers)
- Diesel Engine Manufacturers
- Automation Manufacturers
- Machine Tools Manufacturers
- White Goods Manufacturers
- Electrical, Electronics Industries
- Automotive & Diesel Engine Parts Manufacturers
- Energy & Power Generation Industries
- Locomotive Industries, Ship Building Industries
- Engineering & Infrastructure Industries
- Semiconductor & Precision Products Industries
- Food Processing Industries
- Oil & Gas Industries, Mining Industries



SAN-EI-SEIKI SEISAKUSHO Co. Ltd. Japan

Air Hoists

SAN-EI SEIKI is Japanese leader in Ergonomic and material handling systems manufacturing Air Hoist, Air Motors, Air Winch, Air Balancer, Hydraulic Motors etc. SAN-EI is well recognized name for manufacturing from tiny small air motors to special explosion proof/ Pneumatic cranes used for LNG pump handling at Gas / Oil fields.

SAN-EI SEIKI being manufacturer of heavy duty Vane, Radial Piston type air motors, these Air Hoist are extremely durable and gives trouble free operations in Automobile, Heavy Duty engineering industries, Fabrication shops, Casting and Auto parts manufacturing, Steel industries, Mines etc applications. These Air Hoists are economical with long life. They come with variable speed control and pendant operation. These hoists are popular for high durability, rugged construction and high speed operation. SAN-EI SEIKI offers state-of-the-art options such as Air motor trolley, Pendant Switches, Load sensors, Emergency Stop switches, Steel buckets, Longer lifts etc to suit all your requirements in material handling.

SAN-EI SEIKI High Efficient Air Hoists achieve Speedy and Safe work

SAN-EI SEIKI's V series Air Hoists can help users to improve work efficiency with the following features

- High Speed to Low Speed Control – Lift speed can be controlled from high to low speed to meet your specific work demand
- Simple Speed Controls – With the push button type, speed can be controlled by the touch applied to the button.
- Smoother Operability – The newly developed unique structure provides smoother operability, easier handling and quick response
- Compact and Light-weight Design – The weight is very less compared with electrical hoists of same capacity
- High Durability for Working in high Temperature and Humidity – Designed for usage in high temperature environments, Chemical fumes, inflammable gas
- Effective Braking – Durable pneumatic brake allows safe stopping
- Different Capacity Models – Ranging from 125 Kgs to 25 Tons
- Safety Features – Pendant models available with optional Emergency Stop Switch

VLX SERIES



Max. Lift Speed
VLX25, 50 : 20 m/min.
VLX100 : 10 m/min.
Longer Lift Option available

Trolley

Min. Radius of I-Beam	1500 mm
Air Motor Travelling Speed	10~20 m/min (adjustable)
I-Beam Size	75, 100, 125 mm



Capacity	Air Pressure		Lift Speed		Air Consumption	Lift	Lift Options					Model	Weight	
	kg.	MPa	M/Min	N-m/Min			m	String	Pendant	Plain Trolley	Geared Trolley			Air Motor Trolley
150	0.6	19.0	1.6		3	●	●					VLX15LP	15	
250	0.6	17.0	1.6		3	●	●					VLX25LC	21	
	0.5	15.0	1.3			●	●	●				VLX25LP	23	
	0.4	13.0	1.0			●	●	●	●			VLX25LC-PR	38	
						●	●	●	●	●			VLX25LP-PR	40
						●	●	●	●	●	●		VLX25LC-GR	45
500	0.6	12.0	1.6		3	●	●					VLX50LC	21	
	0.5	10.0	1.3			●	●	●				VLX50LP	23	
	0.4	7.0	1.0			●	●	●	●			VLX50LC-PR	38	
						●	●	●	●	●			VLX50LP-PR	40
						●	●	●	●	●	●		VLX50LC-GR	45
1000	0.6	6.0	1.6		3	●	●					VLX100LC	31	
	0.5	5.0	1.3			●	●	●				VLX100LP	33	
	0.4	3.5	1.0			●	●	●	●			VLX100LC-PR	41	
						●	●	●	●	●			VLX100LP-PR	49
						●	●	●	●	●	●		VLX100LC-GR	48
											VLX100LP-GR	56		
											VLX100LC-MR	48		
											VLX100LP-MR	57		

VMX SERIES

Max. Lift Speed
VMX100 : 20 m/min.
VMX200 : 10 m/min.
Longer Lift Option available

Trolley

Min. Radius of I-Beam	2000 mm
Air Motor Travelling Speed	10~20 m/min (adjustable)
I-Beam Size	100, 125, 150 mm

Capacity	Air Pressure		Lift Speed		Air Consumption	Lift	Lift Options					Model	Weight	
	kg.	MPa	M/Min	N-m/Min			m	String	Pendant	Plain Trolley	Geared Trolley			Air Motor Trolley
1000	0.6	5.0	1.6		3	●	●					VMX100LC	38	
	0.5	4.0	1.3			●	●	●				VMX100LP	40	
	0.4	3.0	1.0			●	●	●	●			VMX100LC-PR	54	
						●	●	●	●	●			VMX100LP-PR	56
2000	0.6	2.5	1.6		3	●	●					VMX200LC	43	
	0.5	2.0	1.3			●	●	●				VMX200LP	45	
	0.4	1.5	1.0			●	●	●	●			VMX200LC-PR	63	
						●	●	●	●	●			VMX200LP-PR	65
						●	●	●	●	●			VMX200LC-GR	70
						●	●	●	●	●	●		VMX200LP-GR	72
						●	●	●	●	●	●		VMX200LC-MR	72
						●	●	●	●	●	●		VMX200LP-MR	74

Air Motors

Air Winch

Air Balancer

Material Handling

VHX SERIES



Max. Lift Speed
VHX300 : 20 m/min.
VHX500 : 10 m/min.
Longer Lift Option available

Trolley

Min. Radius of I-Beam
2000 mm

Air Motor Travelling Speed
10~15 m/min (adjustable)

I-Beam Size
125, 150, 175 mm

Capacity	Air Pressure			Lift	String	Pendant	Plain Trolley	Geared Trolley	Air Motor Trolley	Model	Weight	
	MPa	M/Min	N-m/Min									Kg.
3000	0.6	3.5	3.1	3	●					VHX300LC	108	
	0.5	2.8	2.5		●	●				VHX300LP	110	
	0.4	2.0	2.0		●	●	●			VHX300LC-PR	173	
5000	0.6	1.9	3.1	3	●	●				VHX300LP-PR	175	
	0.5	1.5	2.5		●	●	●			VHX300LC-GR	178	
	0.4	1.1	2.0		●	●	●	●		VHX300LP-GR	180	
					●	●	●	●	●		VHX300LC-MR	183
					●	●	●	●	●	●	VHX300LP-MR	185
					●	●	●	●	●	●	VHX500LC	113
			●	●	●	●	●	●	VHX500LP	115		
			●	●	●	●	●	●	VHX500LC-PR	183		
			●	●	●	●	●	●	VHX500LP-PR	185		
			●	●	●	●	●	●	VHX500LC-GR	188		
			●	●	●	●	●	●	VHX500LP-GR	190		
			●	●	●	●	●	●	VHX500LC-MR	193		
			●	●	●	●	●	●	VHX500LP-MR	195		

Air Winch

SAN-EI is World class manufacturer of Air Winches for more than 5 decades. SAN-EI takes extreme care of High Quality, Workmanship and brand pride when building Air Winches. They are manufactured with great Japanese Quality control and customized specifications to meet individual application requirements. SAN-EI is the largest manufacturer of Air Winches and serves applications in Petrochemical, Shipbuilding, Marine, Metal Mines, Chemical Plants, Offshore Drilling, Construction, Heavy Machinery Manufacturing.



Special Winch for Shipyard

Benefits & Features

- Compact design with easy mobility
- Designed for easy and safe operation
- High durability for applications in harsh environments
- Spark resistant, Resistant to overheating damage and at overload capacity
- Continuous operation at full load
- Large drum diameter to prolong rope life
- Marine grade paint for harsh environment

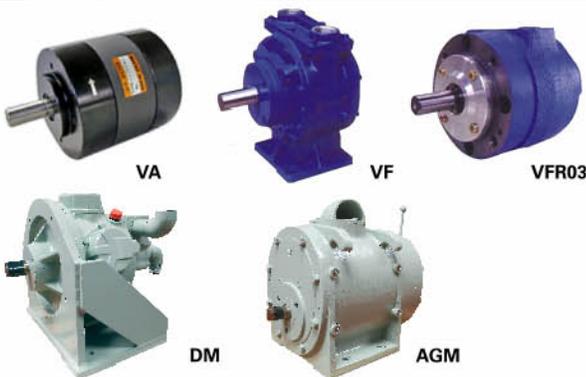


W-20-SAC-MB



10 Ton Winch

Air Motors



SAN-EI SEIKI's manufacture Vane Motors, Radial Piston Motors and Gear Turbine Motors with wide output range from 0.14 kW to 37.7 kW. Vane Motors are compact and lightweight motors. Motor speeds are available in middle and high range. Unique design maintains low speed and high starting torque. In case of extra low speed or the extra high torque, the optional reducer is available. San-Ei Radial Piston type Air motors are popular for long term know-how for its quality, high torque, low speed design. Widely used for air winch and direct pipe connection. Optional accessories Air brake, Reduction gear, Pneumatic equipment etc.

- Compact and Light Weight
- Wide range reducers are available 0.14 kw to 37.7 kw

Air Balancer

SAN-EI SEIKI designed load sensor (Patented) makes the one-hand balancer operation without adjustments. The load sensor memorize the hanging work position and to keep it on zero-gravity. The work can be easily moved to any level or any place by touching the work itself. Accurate handling of work has several applications in automobile parts, machine tool parts, engineering assemblies etc. operations.

Benefits & Features

- Easy and smooth operation for work handling up to 120 Kg
- Special designed load sensor for zero gravity work movement without any fatigue
- Various applications available

Model	Work Area	Lift Stroke	Force	Air Pressure
BTA 80A	Radial 2,060 mm	1,500 mm	80 Kgf.	0.3~0.6 MPa
BTA 120A	Radial 2,138 mm	1,500 mm	120 Kgf.	



Safety Spring Balancers



The Miyakawa brand spring balancers offer true zero gravity, safe operations with minimum fatigue to operators and longer operation life. They are designed with fully enclosed casing, eliminating any potential pinch points around the drum. Wear protection guide is provided to avoid damage to casing. This increases operation life of the balancer. High quality springs are enclosed in a cassette for safe and easy repair.

Features :

- Compact, lightweight yet rugged design
- True zero gravity allows suspending tool at desired position
- Tapered drum for optimum & constant torque build-up, quality springs and bearings provide smooth cable travel throughout the stroke.
- Longer spring and parts life. Minimum cost per operation.
- Great costs savings is achieved through increased productivity, long spring life, minimum maintenance and safe working environment
- External tension adjustment is easy and precise
- Improves work efficiency with world-class quality. Proven in Asian countries.
- Total support in parts supply & Service.

Models & Specifications

Model	MSB-9	MSB-15	MSB-22	MSB-30	MSB-40	MSB-50	MSB-60	MSB-70
Capacity (kg)	5~9	9~15	15~22	22~30	30~40	40~50	50~60	60~70
Stroke (m)	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5
Mass (kg)	3.7	3.7	8.3	8.3	9.7	10.1	11.1	11.4

Note: Additional cable stroke available

Zero Gravity Spring Balancers



The Miyakawa brand ratchet balancers have excellent cost performance ratio. They come with cast aluminum case and the ratchet system spring adjustment.

Features :

- Compact, lightweight yet rugged design
- Replaceable wire rope
- Fully enclosed housing
- Easy and Precise external tension adjustment
- Longer spring and parts life. Minimum cost per operation.
- Cost savings through increased productivity, minimum maintenance and safe working environment

Models & Specifications

Model	MSB-1.5	MSB-3	MSB-5	MSB-7
Capacity (kg)	0.5~1.5	1.5~3.0	3.0~5.0	5.0~7.0
Stroke (m)	1.3	1.3	1.3	1.3
Mass (kg)	0.65	1.8	1.9	2.0

Note: Additional cable stroke available

Air Hose Balancers



The Miyakawa brand MHB series Air Hose Balancers provide safer and more organized workplace by eliminating the need of air supply hose and separate spring balancer. Air Tool Balancers come with 8 mm ID urethane hose for unrestricted air tool operation. Durable, lightweight casings are made of high impact resin material. Additional hose travel is available on request.

Features :

- Compact, lightweight design
- Reduces operator fatigue
- High impact resin case
- Forged steel swivel hook
- Pressure rating: 10 MPa
- Designed for smooth travel

Working Conditions :

- Usage area: All types of industries.
- In-house as well as open air applications.
- Medium: Air
- Temperature range: -10 to +45°C
- Max. air pressure: 1.0 MPa (10 Kg/cm²)

Models & Specifications

Model	MHB-15	MHB-25	MHB-35	MHB-50	MHB-65
Capacity (kg)	0.5~1.5	1.5~2.5	2.5~3.5	3.5~5.0	5.0~6.5
Hose Travel (m)	1.3	1.3	1.3	1.3	1.3
Hose inside diameter (Ømm)	8.0	8.0	8.0	8.0	8.0
Mass (kg)	1.9	2.0	2.1	2.1	2.2

Note1 Additional hose length is available

Note2: All specifications are subject to change without notice by the manufacturer

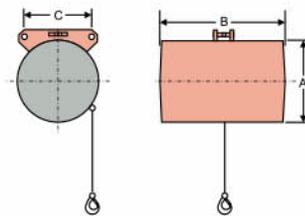


Arhan is the one of leading supplier in providing Ergonomic Total Solutions. Air Balancers provide very precise weight lifting capabilities, with more accurate positioning than can be achieved with an air hoist. Air Balancers are used for assembly and manufacturing lines where precision load positioning is required.

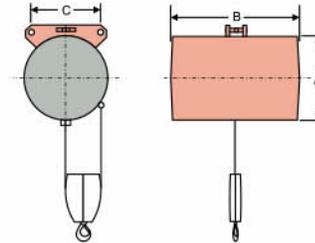
Features:

- Air balancer provides hoist and spring balance function at the same time (Float function)
- Hoisting is operated by the Up/ Down pendant, and the floating function provides weightless vertical movement of 300 mm.
- These air balanced hoists are ideal for handling fragile or awkward goods as the floating feature ensures superior control. This hoisting equipment also proves efficient for products that need to be lifted and then assembled to another part. However, the product's weight should be supported during this operation.
- These air balancer have very few moving parts, ensuring high reliability while keeping maintenance and air consumption at a minimum
- We provide variety of models from 60 Kg to 500 Kg load capacity
- Design allows fine float control features and load balancing at Zero Gravity
- The unit operates at very low noise
- Smooth speed control valve controls speed from 1 to 1000 mm/sec in both Up/Down directions
- The non-electric air drive is ideal for facilities that require explosion-proof equipment
- Excellent safety features

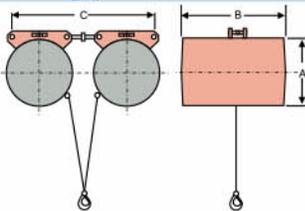
If the balancer is overloaded for any reason, an alarm will sound by discharging air, while the brake lock will stop the load from falling if the air supply should fail or be overloaded.

Single Type Balance


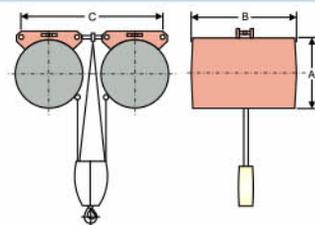
Model	Capacity kg	Stroke M	Weight kg	Dimension		
				A	B	C
MBH06020	60	2	25	165.2	412	160
MBH10020	100	2	37	216.5	412	220
MBH11036	110	3.6	45	267.4	412	220
MBH16020	160	2	45	267.4	412	220
MBH20030	200	3	54	267.4	570	220
MBH28020	280	2	64	355.6	430	220

Reeved Type Balance


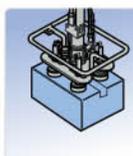
Model	Capacity kg	Stroke M	Weight kg	Dimension		
				A	B	C
MBH32010	320	1.0	48	267.4	412	220
MBH40015	400	1.5	57	267.4	570	220
MBH56010	560	1.0	67	355.6	430	220

Tandem Type Balance


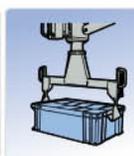
Model	Capacity kg	Stroke M	Weight kg	Dimension		
				A	B	C
MBH32020	320	2.0	90	267.4	412	590
MBH40030	400	3.0	108	267.4	570	590
MBH56020	560	2.0	128	355.6	430	630

Reeved Tandem Balance


Model	Capacity kg	Stroke M	Weight kg	Dimension		
				A	B	C
MBH64010	640	1.0	93	267.4	412	590
MBH80015	800	1.5	113	267.4	570	590
MBH100010	1000	1.0	131	355.6	430	630



Transportation of boxes



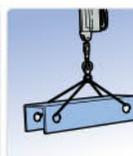
Transportation of plastic cases



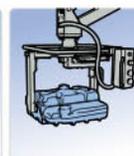
Transportation of rolls



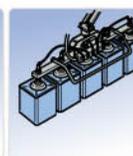
Transportation of flat boards



Use for lifting and as a jig



Clamp



Transportation of cans



Use for lifting of Shaft



- High Quality Couplings
- Economical
- Global Recognition

| Air Couplers

| Hydraulic Couplers

| Valveless Couplings

Arhan Yoshida brand couplings are World Standard, designed and manufactured in Japan. We have developed various models to suit application requirements in Pneumatic Tool, Air Supply Connections, Hydraulic Equipments/ machines, Air conditioning, Refrigeration equipments, Chemical Plants, Food beverage and medical equipments. Our couplings quality is comparable to any World top manufacturer and at the same time they are economical.

NL Series

For Low Pressure, Single Valve Construction

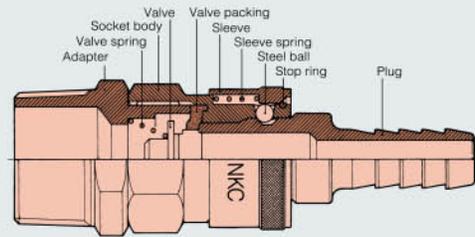
Wide Applications

Pneumatic tools and equipments air line connections

Long operation life, Rigid design

Features:

- The shut-off valve built into the socket opens when the plug is inserted and closes when the plug is removed. Fluid flow from socket to plug
- Both the socket & plug are available with male screw connection, female screw connection, or hose connection. Such connections can be combined as desired.
- Applications in factory pneumatic lines enhances life and saves air power consumption



NL Nut Series

For Low Pressure, Single Valve Construction

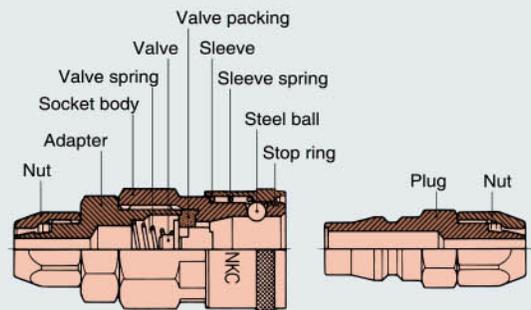
Wide Applications

Pneumatic tools and equipments air line connections

Long operation life, Rigid design

Features:

- The shut-off valve built into the socket opens when the plug is inserted and closes when the plug is removed. Fluid flow from socket to plug
- Both the socket & plug are available with male screw connection, female screw connection, or hose connection. Such connections can be combined as desired
- Applications in factory pneumatic lines enhances life and saves air power consumption



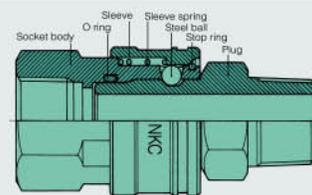
TS Series

For Medium, Low Pressure & Vacuum, Valveless Construction

Valveless Applications

Features:

- No valve mechanism in the socket and plug.
- Construction designed for low flow resistance to reduce pressure loss. This series is well suited to high viscosity fluids, steam
- Both the socket and plug available in male screw, female screw and hose connection



HP Series High Pressure Auto Coupling

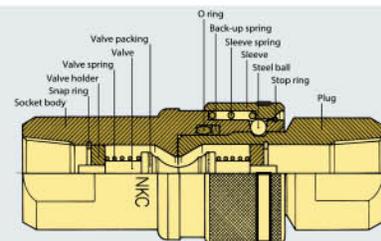
For High Pressure, Two-way Shut-Off Operation

Applications

Hydraulic Machines & High Pressure Gas Piping.

Features:

- Both the socket & plug of this twin valve coupling incorporate a shutoff valve. The moment socket & plug are disconnected the valves on the socket & plug sides contact the mating seat sections to completely seal the socket & plug sides.
- The body is made of S45C steel & harden to ensure high durability and a high resistance to abrasion.



Ergonomically Designed Couplings that Ensure Maximum Productivity and Profitability

| Hydraulic Couplers | Vacuum Couplers | Air Couplers | Pipe-Clamp Couplers |

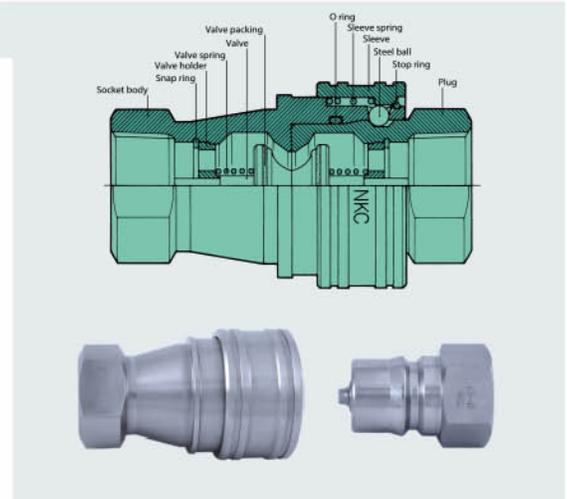
KS Series Hydraulic Coupling

For Medium & Low Pressure, Two-way Shut-Off Operation

Applications: Hydraulic Oil, Chemicals, Water, Steam, Air, High Pressure Gas.

Features:

- Both the socket and plug have twin valve shut-off valve. The moment the socket and plug are disconnected, the valves on the socket and plug sides contact the mating seat sections to completely seal the socket and plug sides of the coupling are completely sealed
- Special type of packing materials are used to suit applications in assembly lines, refrigerant charging lines and air conditioner final testing lines, Chemicals, Sea Water etc.



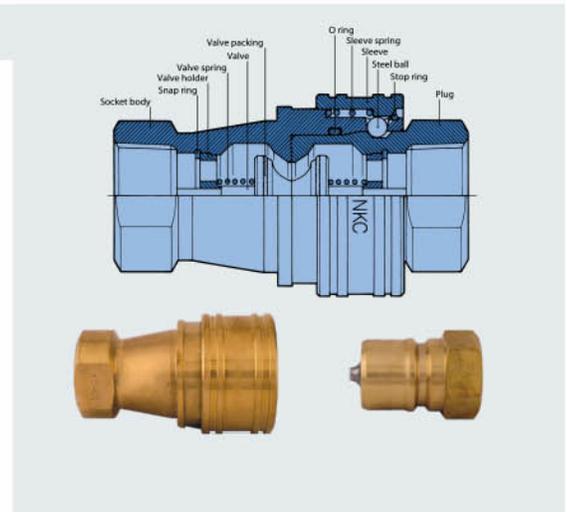
KS - V Series Charging Coupling

For Medium & Low Pressure, Two-way Shut-Off Operation

Applications: Refrigerant Gas, Air Conditioning Gas, Helium, Vacuum.

Features:

- Both the socket and plug have twin valve shut-off valve. The moment the socket and plug are disconnected, the valves on the socket and plug sides contact the mating seat sections to completely seal the socket and plug sides of the coupling are completely sealed
- Special type of packing materials are used to suit applications in assembly lines, refrigerant charging lines and air conditioner final testing lines, Chemicals, Sea Water etc.



YPC Series Pipe Clamp

Clamps Copper Pipe

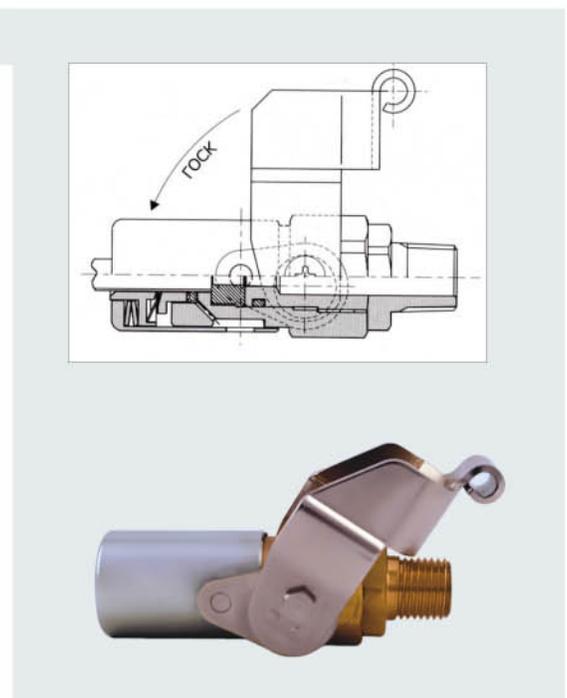
Applications: Air Conditioner & Refrigerator Charging, Vacuuming & Leak Testing

Directly clamping of straight copper pipe.

Double sealing construction

Features:

- One clamp operation simultaneously clamps and seals pipe automatically. Stainless steel chuck design enables longer operation life.
- Double seal clamp construction (Snug fit on end and pipe outside surface) withstands high vacuum resistance and ensures airtight mechanism with excellent sealing.
- When pipe is being inserted, the pipe does not touch 'O' ring. Thus construction restricts damage of 'O' ring.
- Packing materials available to suit fluids R-134a/R22, Helium/R-407c, R-410a, 600a.
- Easy and simple maintenance to replace O-rings and Chuck. Low maintenance costs.
- Longer product life.



Arhan Material Handling Solutions

| Rail System | Manipulator | Air Balancer Arm |



Japanese Design Concepts, Manufactured in India, Proven in Japanese Automotive Industries

Arhan design and manufacture various types of cost effective, efficient material handling systems. These solutions are proven in Japanese automotive and other engineering industries in India.

We manufacture and supply solutions in

- Manipulators
 - Column Mounted
 - Ovehead Type
 - Overhead Trolley – Mounted Type
- Different Types of Grippers
- Air Balancers
- Jib Cranes/ Jib Boom
- Vertical Telescopic Axis

We have total solutions in Rail Systems, Air Hoists, Air Balancers, Spring Balancers, Zero-Gravity work handling. We have delivered solutions in Engine, Tire, Seats, Engine Frames etc handling on assembly lines as well as automotive parts handling on machines as well as sub-assembly lines.



Arhan Material Handling Solutions

| Rail System | Manipulator | Air Balancer Arm |



Belt Conveyor

Roller Curve Conveyor

Slat Conveyor

Spiral Curve



Air Hose Reel

Gas Reel

Water Hose Reel



ARC-Welding Reel

Lubricating & Oil Reel

Electric Wire Reel





Japan's Leader in Multi-Spindle Attachments

Miyakawa Industries established in 1953 is a leading name and pioneer in bridge type large size drilling machines, Multi-drill attachments with various types of drilling/ tapping solutions for cost effective, high volume production. Most of Japanese automotive parts manufacturers use Miyakawa Multi-drill heads and solutions. Miyakawa large size drilling machines for structural steels are well used in all top Japanese infrastructure set-up companies who work in Ship building, Bridges, Roads, Tunnels, Sub-way (Metro) & Trains, Fabricator Shops etc.

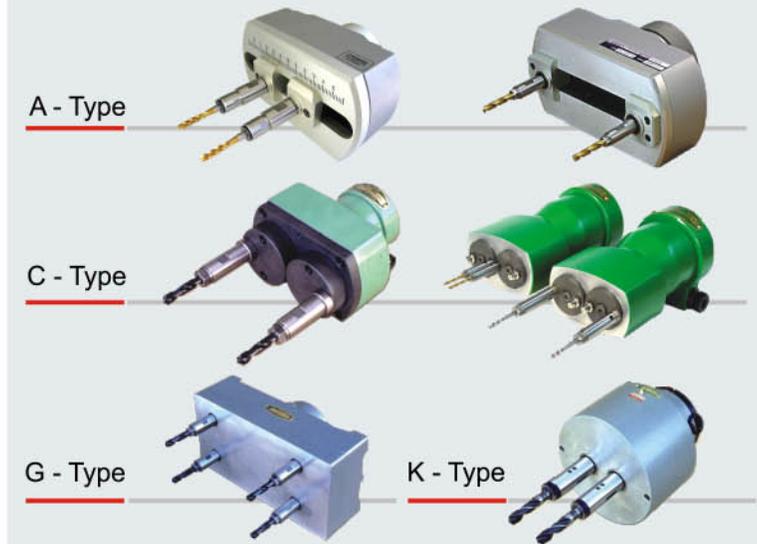
Miyakawa radius chamfering tools are worldwide popular in Ship building, Towers, Precision infra-structure requirements and fabrication shops to meet new radius global standards. They are considered as bench mark in these industries.

Miyakawa with its 50 years rich experience in Japanese industries have built business association with many leading Japanese brands, manufacturers. Miyakawa along with its business partners will support Industries in India to provide Japanese manufacturing solutions, Equipments from Japan, Equipments/ Machines produced in India with Japanese Design Support, Precision Parts from Japan.

Miyakawa has started India operations at Pune, India to bridge Japan India business. Miyakawa plans to support Indian industries in various ways for both sides business promotion

Multi-Spindle Drilling / Tapping Heads

- Wide range of spindle sets
- Used with SUGINO type Drilling/ Tapping feed units
- Popular in Japan for high precision, rigidity
- Designed to suit most of requirements
- Variable length drills available
- Linear slide heads available
- E-Type models (Eco Series) designed for Drilling 13 mm, M8 Tapping



- Patented design & globally proven for precision, rigidity
- Planetary adjustable direct gear driven mechanism
- Used with various types of Radial Drill Machines
- Easy positioning of spindles
- Extended spindles possible

Multi-Spindle Drilling/ Tapping Heads (Radial Drill)



- SUGINO Selffeeder & Synchro Tapper along with Miyakawa Multi-Drill attachments is ideal combination to increase productivity with precision drilling, tapping
- Miyakawa can offer total package of Sugino drill units with its Multi-Drill/Tapping attachments
- We can take total projects in Drilling, Tapping SPM manufacturing
- SUGINO Standrill along with Miyakawa multi-drills increases productivity drastically

SUGINO Selffeeder Drilling/ Tapper





For maximum material removal with minimum effort and high-quality finish, Yoshida Tools delivers robust, durable and lightweight easy-to-handle tools. Wide range of industrial Die grinders and Angle Grinders , available in straight, straight extended, and angle versions, they are the perfect tools for demanding industrial applications such as Die contouring, Deburring , Weld cleaning, Light chamfering , Aggressive contouring , cutting and sanding in the metalworking .

Die Grinders YG-13 | YG-23 | YG-38 Series



yg38-1L

- Light weight, Powerful and Durable
- Excellent rotation accuracy
- Low noise & Low working oscillation

Straight Grinders YG-3HA Series



- Light weight, Powerful and Durable
- Excellent rotation accuracy
- Low noise & Low working oscillation

High Power Straight Grinders YGL-38 Series



- Light weight, Powerful and Durable
- Excellent rotation accuracy
- Low noise & Low working oscillation

Straight Grinders YG-3H Series



- Light weight, Powerful and Durable
- Low noise & Low working oscillation

Straight Grinders YGL-4H Series



- Light weight, Powerful and Durable
- Low noise & Low working oscillation

Angle Grinders YA-2C | YA-3C | YA-4C Series



YA-2C-1F

- Compact, Light weight, Powerful and Durable
- Ideal for heavy grinding work, such as Shipbuilding, bridge construction, & finishing welded surface
- Ideal for sanding and brushing work.

Belt Sanders YBS Series



- Light weight, Powerful and Durable
- Low noise & Low working oscillation
- Free Head Rotation Provides versatile Solution for almost any application

Flux Chipper YFC | Needel Scaler YNS-1



YNS-1

- Light weight, Powerful and Durable
- High Blow frequency (90Hz)
- Low Air Consumption
- Providing high working efficiency
- Direction of Chisel is easily adjusted
- Chisel / Needles can be easily exchanged

Professional Tools for Assembling High-Technology Goods

| Electric Screw Drivers | Screw Fastening Counter | Torque Checker |

NITTO KOHKI make DELVO brand Electrical Screwdrivers are worldwide popular for Precise Torque Control, Longer Product Life, and Consistent Assemblies in Automobiles, White Goods, Computer, Electronics, Plastics industries.

Quick deliveries and direct shipment from Japan ensures we are lowest cost suppliers of these tools along with local service support with spares supply.

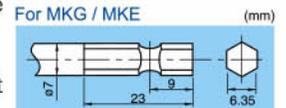
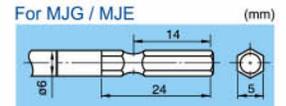
DLV30 / 45 / 70 Series



For Machine Screws (2.6~8.0 mm)

Eco-friendly electric screwdrivers with built-in brushless motors in a transformerless profile

- Torquerange from 0.4 to 7.0 Nm, Speed range from 650 to 2,000 min-1
- Both the Lever Start and Push to Start types of models are available
- Equipped with a torque adjustment ring cover.
- Design conforms to the RoHS Directive and thus appeals to the environmentally conscious user
- Models with CE marking are available
- Easily detachable Pistol Grip DLW2300 (TD00335) comes with the unit as a standard accessory (DLV45/70 series)



Model	Low Speed	Standard	High Speed	Low Speed	Standard	High Speed	Low Speed		Standard		High Speed		
	DLV30LL - MKG	DLV30SL - MKG	DLV30HL - MKG	DLV30LP - MKG	DLV30SP - MKG	DLV30HP - MKG	DLV45LL - MKG	DLV45LP - MKG	DLV45SL - MKG	DLV45SP - MKG	DLV70LL - MKG	DLV70LP - MKG	
Starting Method	Lever Start			Push to Start			Lever Start	Push to Start	Lever Start	Push to Start	Lever Start	Push to Start	
Free Speed (min ⁻¹)	650	1,200	2,000	650	1,200	2,000	650		1,200		650		
Input Voltage	230 V AC, 50/60 Hz												
Torque (N·m)	Low Torque Spring ²			0.4 - 1.6					2.0 - 4.5		3.8 - 7.0		
	High Torque Spring ³			1.2 - 3.0									
Power Consumption (W)	Approx. 45												
Screw Size(mm)	Machine Screw	2.6 - 5.0						4.5 - 6.0		6.0 - 8.0			
	Tapping Screw	2.5 - 4.0						4.0 - 5.0		4.5 - 6.0			
Mass (g)	700						870 (with Pistol Grip)						

DLV7104 / 8104 / 8204 Series

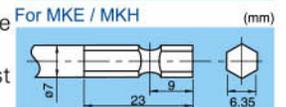
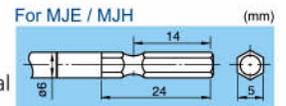


For Machine Screws (2.6~6.0 mm)

The most popular models have been redesigned

Equipped with bit grounding mechanism

- Long-life cam is utilized
- The clear plastic torque adjustment ring cover minimizes unintentional tampering of the preset torque
- The changeover switch enables operators to change forward/reverse rotation with a single hand
- The ergonomically designed grip can be held tightly to resist against tightening reaction force, resulting in reduced operator fatigue



Model	Standard						High Torque		High Speed		
	DLV7124 - MJE	DLV7134 - MJE	DLV7144 - MJE	DLV8124 - MJE	DLV8134 - MJE	DLV8144 - MJE	DLV8154 - MJE	DLV8224 - MJE	DLV8234 - MJE	DLV8244 - MJE	
Starting Method	Lever Start						Push to Start				
Input Voltage	230 V AC, 50/60 Hz										
Torque Adjustment	Stepless										
Torque (N·m)	0.25 - 0.75	0.5 - 1.70	1.2 - 3.0	0.25 - 0.75	0.5 - 1.70	1.2 - 3.0	2.0 - 4.5	0.35 - 0.7	0.5 - 1.7	1.2 - 3.0	
Free Speed (min ⁻¹)	900		600	900		600	400	2,000	1,800	1,100	
Power Consumption (W)	35						45				
Screw Size(mm)	Machine Screw	2.6 - 3.0	2.6 - 4.0	3.5 - 5.0	2.6 - 3.0	2.6 - 4.0	3.5 - 5.0	4.5 - 6.0	2.6 - 3.0	2.6 - 4.0	3.5 - 5.0
	Tapping Screw	2.3 - 3.0	2.3 - 3.5	3.0 - 4.0	2.3 - 3.0	2.3 - 3.5	3.0 - 4.0	4.5 - 5.0	2.3 - 3.0	2.3 - 3.5	3.0 - 4.0
Mass (g)	720			710			910	710			

Screw Fastening Counter

For prevention of human fastening errors and enhanced fastening management accuracy
Up to three sets screwdrivers can be connected to one counter

- Ideally suited for the assembly lines of vehicles and electrical equipment requiring reliable screw fastening
- The controller receives signals from electric screwdrivers to provide highly reliable screw fastening control
- Count Return Function : When a screw is loosened, a reverse signal output from the electric screwdriver reverses the count by one
- The Count Correction Function does not count elevated screws or double fastening
- Link Connection Function : You can build up a simple sequential screw tightening system by connecting the DLR5040A-WE screw tightening counters in series without using any external controller such as a programmable controller
- Driver Lock Function prevents unexpected start of screwdrivers
- SPC type screwdrivers for DLR5040A-WE are designed on the basis of established transformerless screwdrivers

DLR 5040A-WE
DLR 5340-WE Series



We offer total screw feeding and fastening solutions

- Handy screw fastening
- Single axis/ Multi-axis screw fastening
- Upward screw fastening (tighten thread upward from bottom)
- XY screw fastening robot
- Bolt feeding system/ Distribution Unit
- Design and production of special screw fastening and field work including installation, etc. for system upgrade

Automatic Screw Feeder



Easy screw fastening with a single-hand operation

This hand-held automatic screwdriver offers you comfortable and efficient screw fastening with a single-hand operation. The screw feeder feeds screws to the driver chuck instantly by air pressure for efficient continuous fastening.

Features

Enabling fastening of Max 30 screws in one minute with a single-hand operation.

Widely used in the automobile industry and many other industries.

Hand-held Screwdriver



Multi Spindle Screw Feeder

Multiple screws can be fastened quickly at the same time

Simultaneous fastening significantly reduces the working time and realizes high-quality fastening without causing uneven fastening problems. They are also highly reliable as units in automated lines, and can fasten screws in a horizontal direction.

Features

Enabling fastening of two to six screws at the same time. Seven or more screws may be fastened at the same time depending on work conditions. Each screwdriver spindle is independently controlled, providing flexible work conditions.

Multi-Spindle Screwdriver



Screw Feeder - FF Series



Widely used as feeders for automatic machines

A forced horizontal rail feed system screws from getting jammed, ensuring reliable feeding and improved productivity.

Features

The reliable feeding and durability make the feeders suitable for use with an automatic machine.

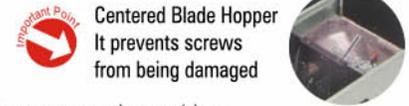
Compatible with commercial power supply voltage levels of the world (FF503H).

Supports CE marking (FF503H).

Proposal to reduce the cost of feeding parts
Consider switching from bowl feeders to FF feeders.

The FF feeders are applicable to feed not only screws but also other parts. They are used widely to feed rivets, nuts, pins, steel balls, and many other parts by pressure. Consider introducing the FF feeders, which are lower in cost and require a smaller space than bowl feeders.

Hand-held screwdriver



Supported screw diameter 2~8mm	Feed rate Max 50 screws per min.
--------------------------------	----------------------------------



Torque Supporting Arm

TA-300

TA-600

Model	TA-300	TA-600
Horizontal Stroke	300mm	600mm
Vertical Stroke	218mm	311mm

TOHNICHI Torque Wrenches and Testers

Tohnichi Torque wrenches are high durability, easy of use and even more important high accuracy.

We offer wide range of Industrial Quality

- Pre-set SP / RSP series Torque Wrenches
- QSP / QL Series Adjustable, Ratchet Torque Wrench
- DB / DBE Dial indicating Torque Wrenches
- RTD / LTD Rotary Slip Adjustable Torque Screw Drivers
- Digital Torque Wrenches & Testers
- Pokayoke, Error - Proofing system

Arhan offer direct import of TOHNICHI products from Japan

SP/SP-MH Open End Preset Torque Wrench



Various Sizes of open end heads fixed on wrench
Ideal for specific Bolt size application

RSP Ring Head Preset Torque Wrench



Various Sizes of ring heads fixed on wrench
Ideal for specific Bolt size application

QSP Ratchet Head Preset Torque Wrench



No External scale, Torque Value Set using key & tester
Ideal for mass production application

QL/QLE2 Ratchet Head Adjustable Torque Wrench



Basic adjustable click style with resin grip
Torque value easily set with external scale and knob

DB / DBE Dial Indicating Torque Wrench



Memory pointer for easy torque reading
Ideal for torque measuring and quality check applications.

RTD Rotary Slip Adjustable Torque Screwdriver



Ratcheting mechanism prevents over torque
Torque value easily set with external scale

CEM3-G Data Tork (Digital Torque Wrench)



Dual LED & LCD displays for optimal viewing
999 memory storage capacity
For Inspection and tightening.

DOE3-G Digital Torque Wrench Tester



Multiple units of measure through keypad setup
"Loading system" stabilizes wrench during calibration procedure for optimal results.
RS232C Output, Max. 99 measured data can be stored.

A/AC Semi-Automatic Airtork



Pneumatic Motor mounted on torque wrench
After provisional tightening by an air motor at high speed, final torque set is performed manually.
A: Low provisional torque type. AC : High provisional torque type

Torque Wrench with Limit Switch



Various types of torque wrenches with limit switch output
Limit switch counts the number of "Clicks"
Tool is connected to PLC or Tohnichi's Count Checker (CNA-4mk3)
Can be upgraded into wireless output system (FH256MC)
Ideal for torque verification assembly processes.

Assembly Solutions

- Total Assembly line solutions
- Genuine Tools, Spares Supply
- Direct import from Japan possible



- Jet Chisel
- Air Chipper
- Air Filer / Saw
- Beveller
- Belt Sanders
- Grinders / Sanders
- Polishers
- Drill & Tappers
- Ratchet Wrench



URYU

- Impact Wrench
- Screw Driver
- Oil Pulse Tools
- Torque Control Tools
- Grinders / Sanders
- Polishers
- Drill & Tappers
- Ratchet Wrench
- Torque Tester



- Air Riveter
- Blind Nut Riveter
- Cordless Riveter
- Electric Riveters
- Hand Riveters
- Air / Electric Nut Rivet Setters
- Cordless Rivet Setters



- Air Nipper
- Shot Hammer
- Plate Shear
- File Cum Saw
- Wire Twister
- Cable Stripper



- Nut Runner
- Servo Press



Junkosha
Creating Unsurpassed Value

- Anti - Spatter Tube
- Fluoropolymer Tube
- Polyurethane Air Hose
- Heat Resistance Hose
- Instant Fitting
- Brass Fitting
- Stainless Steel Fitting
- Speed Controller
- Nylon Coil Tube
- Shield Mechatro Tube



JOPLA

- Plastic Couplings
- Plastic Air Duster



ARHAN JAPAN

- Marking Torque Wrench
- Paint Torque Wrench
- Special Marking Sockets
- Marker Head, Refill Ink & Solvent



MK ELECTRONICS

- Digital Cable Stripper
- Rotary Endless Stripper
- Hand Cable Stripper
- Wire Stripper / Twister
- Cable Winding Machine
- Handy Type Stripper
- Shield Wire Loosening Machine
- Coil Winding Measurement Equipment



TONE
BOLTING SOLUTION COMPANY

- Shear Wrench
- Electronic Torque control Wrench
- Torque Multiplier



SONY
Quicher
NEJICCO

- Screw Feeder
- Bowl Feeder
- Parts Feeder



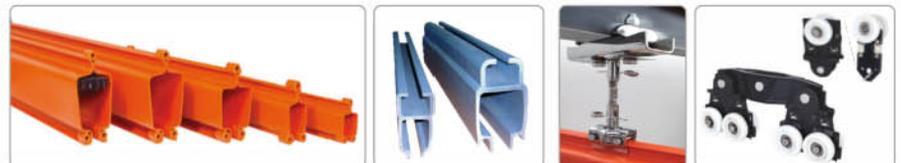
Yaesu

- Hyper Tape Dispenser
- Automatic Tape Dispenser
- Carousel Tape Dispenser



ARHAN Technologies

- Steel KBK Rail
- Aluminium KBK Rail
- Hangers & Trolleys



Servo Drives, Motors, Controllers

- Nidec Sankyo
- Panasonic
- Fuji Denki
- Mitsubishi
- Sanyo Denki Co. Ltd.

Pneumatic Device

- SMC Corporation
- Convum Ltd.
- TAIYO Ltd.
- Nihon Seiki
- New-Era Co. Ltd.
- Kondo Works Ltd.
- Nippon Seiki Co. Ltd.
- Myotoku Ltd.
- Bridgestone Industrial Ltd.
- Kogi Corporation
- Tick Corporation
- NITTA Corporation
- Iwata Works Ltd.

Gear Boxes Motor, Motion Drives

- Tsubaki E & M Co.
- Sumitomo Heavy Industries Ltd.
- Panasonic Corporation
- Mitsubishi Electric Corporation Co. Ltd.
- Hitachi Industrial Equipment Systems Co. Ltd.
- Hasegawa Machine Co. Ltd.
- Nidec-Shimpo Corporation
- Harmonic Drive Systems Inc.
- Nabtesco Corporation
- Fuji Electric Co. Ltd.
- Toshiba Industrial Products and Systems Corporation
- Sankyo Seisakusho Co.
- Sawamura Denki Ind Co. Ltd.
- Sakai Manufacturing Co. Ltd.
- Miki Pulley Co. Ltd.
- Sanyo Denki Co. Ltd.
- Minebea Co. Ltd.
- Shinano Kenshi Co. Ltd.
- Melec Inc.
- Nihon Bearing
- IKO (Nihon Thomson)

Fixture & Clamping Elements

- Nabeya (ERON)
- Kanetec
- Imao Corporation
- Tsudakoma Kogyo
- Yukiwa Seiko

Electronic Systems, Controllers

- Digital Electronics Corporation
- Fuji Electric Co. Ltd.
- Anywire Corporation
- Azbil Co. Ltd.
- Panasonic Industrial Devices
- SUNX Ltd.
- Omron Corporation
- Hokoyu Co. Ltd.
- Optex FA Co. Ltd.
- TDK-Lamda Corporation
- Patlite Ltd.
- NSD Corporation
- Nemicon Corporation
- Nidec Shimpo Corporation

Hydraulic Device

- Nachi Fujikoshi Corporation
- Nihon Oil Pump Co. Ltd.
- Daikin Industries
- Riken Kiki Co. Ltd.
- TAIYO Ltd.
- Horiuchi Machinery Co. Ltd.
- Nitta Corporation
- Sumitomo Riko Co. Ltd.
- Tokai Rubber Industries Ltd.
- Arhan-Yoshida
- SMC Corporation

Chain , Belt Conveyor

- Tsubakimoto Chain Co.
- Nabeya Bi-tech Kaisha
- Mitsuboshi Belting Ltd.
- Gates Unitta Asia Company
- Nitta Corporation
- Kensai Wire Netting Co. Ltd.
- Dymco Ltd.
- Intralox

Abrasives

- Mitsui Grinding Wheel
- Keihin Kogyosho
- FSK
- Nihon Resibon
- Daiwa Rabin

Bearings

- Nippon Thomson Co. Ltd.
- Nachi-Fujikoshi Corporation
- Nihon Seiko Co. Ltd.
- Minebea Co. Ltd.
- Shimizu Seiko Co. Ltd.
- TOK Bearing Co. Ltd.
- Nihoh Pillow Block Co. Ltd.
- Toho Co. Ltd.
- Imao Corporation
- Daido Metal Co. Ltd.
- Myoshi Kikai Ltd. (Joints)
- NOK Ltd.
- Iwasaki Sangyo Co. Ltd.

Pneumatic Tools

- Nitto Kohki Co. Ltd.
- SAN-EI Seiki Seisakusho Co. Ltd.
- Yoshida Mfg. Co. Ltd.
- Lobtex Co. Ltd.
- Tohnichi Mfg. Co. Ltd.
- Muromoto Tekko Co. Ltd.
- Uryu Seisaku, Ltd.
- Nakamura Mfg.Co. Ltd
- Vessel Co. Inc.
- Shinano Inc.
- Yutani

Electrical Tools

- Nitto Kohki Co. Ltd. (Delvo)
- Fujitec Co. Ltd.
- MK Electronics Ltd.
- Yaesu Keikogyo Co. Ltd.
- Tone Co. Ltd.

Please contact us for all Japanese Products.

Applications for Every Industry



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Email : ■ assembly.sales@arhan.co.in ■ mahesh@arhan.co.in