



HONDA



TOYOTA



VINFAST

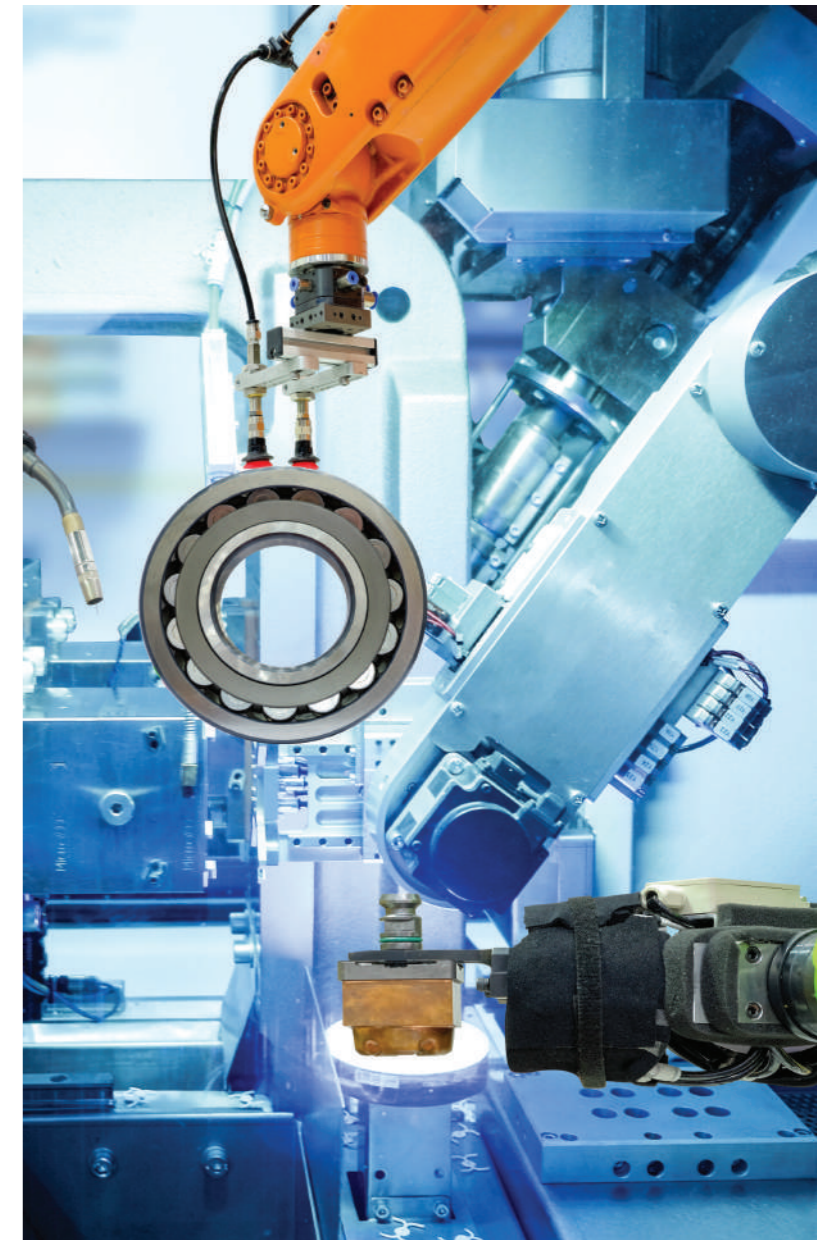


MIDRA AGENT CERTIFICATE



MIDRA VIET NAM COMPANY LIMITED

Catalogue TECHNICAL DOCUMENTS



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# OPEN LETTER

Midra Vietnam Company Limited was incorporated on December 4, 2012. It now becomes a reputational supplier of pneumatic, hydraulic equipment, shelves, wheels and many other parts to numerous FDI factories including Samsung, Hyundai, Ford, Panasonics, etc.

Becoming a partner of large factories from Japan, Korea, America, Europe, Midra Vietnam and many other Vietnamese enterprises has constantly made great efforts in learning, working, being dedicated and diligent to bring high added-value and benefits to our customers. We identify and try our best in every detail as we believe that we are contributing our part to promote the prestige of the Vietnamese people to international friends and to the development of the society in general.

Why many factories choose Midra as their supplier?

1. Midra Vietnam is the official representative of numerous world-famous brands including CEJN (Sweden), UKAI (Japan), IRAE TECH (Korea), etc.
2. Our inventories are highly available in Hanoi warehouse and Singapore warehouse.
3. We offer the most competitive price in the high-end segment.
4. We offer highly diverse product ranges which are continuously expanded.

With a team of honest, dedicated, qualified and experienced staff, Midra Vietnam has been highly successful in serving our customers and partners and meeting their requirements.

Contact us now for reliable products and excellent services for your factories!

Thay mặt toàn bộ công ty

**GIÁM ĐỐC**



**MIDRA VIETNAM IS ALWAYS RELIABLE!**

## HANDLER AND AUTOMATED ROBOT

Our **Handler machines and automated Robot** will help factories as follows:

1. Help save labor cost, some machines can help reduce the number of workers from 100 to 10 people.
2. Help factories save time, increase the accuracy and reduce the fault of finished products.
3. Tailor-made according to the requirements of factories and changes according to the demand varies from time to time.
4. Research, design and warranty team including 100% Korean engineers, production lines according to modern Korean technology, direct supervision and operating instructions in Vietnam.



**CAMERA MODULE COVER BONDING MACHINE**

Detailed description:

Function: Bonding glue the cover to the Camera  
Target product: Camera Module  
Machine size: 1500\*1500\*1600 (mm)



**AUTO WELDING MACHINE**

Detailed description:

Function: Automatic welding of contact points between Drive IC and IDEE  
Target product: DRIVE CICE  
Machine size: 4000\*1500\*1800 (mm)  
Performance : 5s



**MGT TITAN**

Detailed description:

Function: Insert and fix titan in magnetron into filament  
Target product: Magnetron  
Machine size: 1800\*800\* 1500 (mm)  
Performance : 5s



**G1F PRINTING INLINE**

Detailed description:

Function: Printing the function of the touchscreen on the phone's glass screen  
Product Target: Smartphone Glass  
Machine size: 7000\*1700\*1700 (mm)  
Performance : 15s

# FINISHED PRODUCT TESTING MACHINE

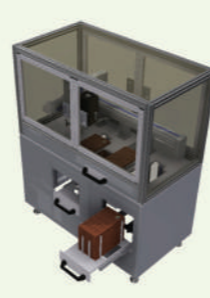
## Types of machines for inspecting Appearance and quality of the finished product:

1. If the handler and robot are like human hands, the inspection machine for inspecting the finished product's appearance and quality will be like the eyes to detect the defects of the product that accuracy to the micrometer. For example, a circuit board quality tester used in the electronics industry, after producing an electronic circuit board, will need a machine to check whether the microchips, chips, sets and connectors... are damaged, faulty or not before packing the finished products to move to another stage. In addition, the machinery that we design will check whether the electronic components in a mainboard are working properly or NG to have a solution to handle errors.



**CAMERA CHARACTERISTIC TESTER**

**IC DRIVE TESTER**



**FCT HANDLER 2.0**

**CAMERA MODULE VISION INSPECTION**

### Detailed description:

Function: Switch the camera module to the contact point to adjust the focus, and measure the length of the laser motion transmission mechanism to determine whether the product meets and does not meet the requirements. The failed products will be put into NG, mark the achieved products and send them back.

Target product: Camera Module

Machine size: 2000\*1200\*1600 (mm)

Performance: 55W

### Detailed description:

Function: Contact and test the DRIVE IC, evaluate and classify products that pass and fail to meet standards.

Target Product: DRIVE IC FPCB

Machine size: 1300\*1300\*1600 (mm)

Performance : 3s

### Detailed description:

Function: The system receives the classified RAM for testing . Give TEST orders, product coding to avoid duplication. Classify the defective products to put into NG buffer and PASS back to the following department. This is an upgraded version of FCT HANDLER 10, including 2 TESTER and more than twice as fast. Upgraded functions include serial duplication check and damage check

Target product: RAM CARD

Machine size: 2500\*2500\*2100 (mm)

Performance: 0.8s

### Detailed description:

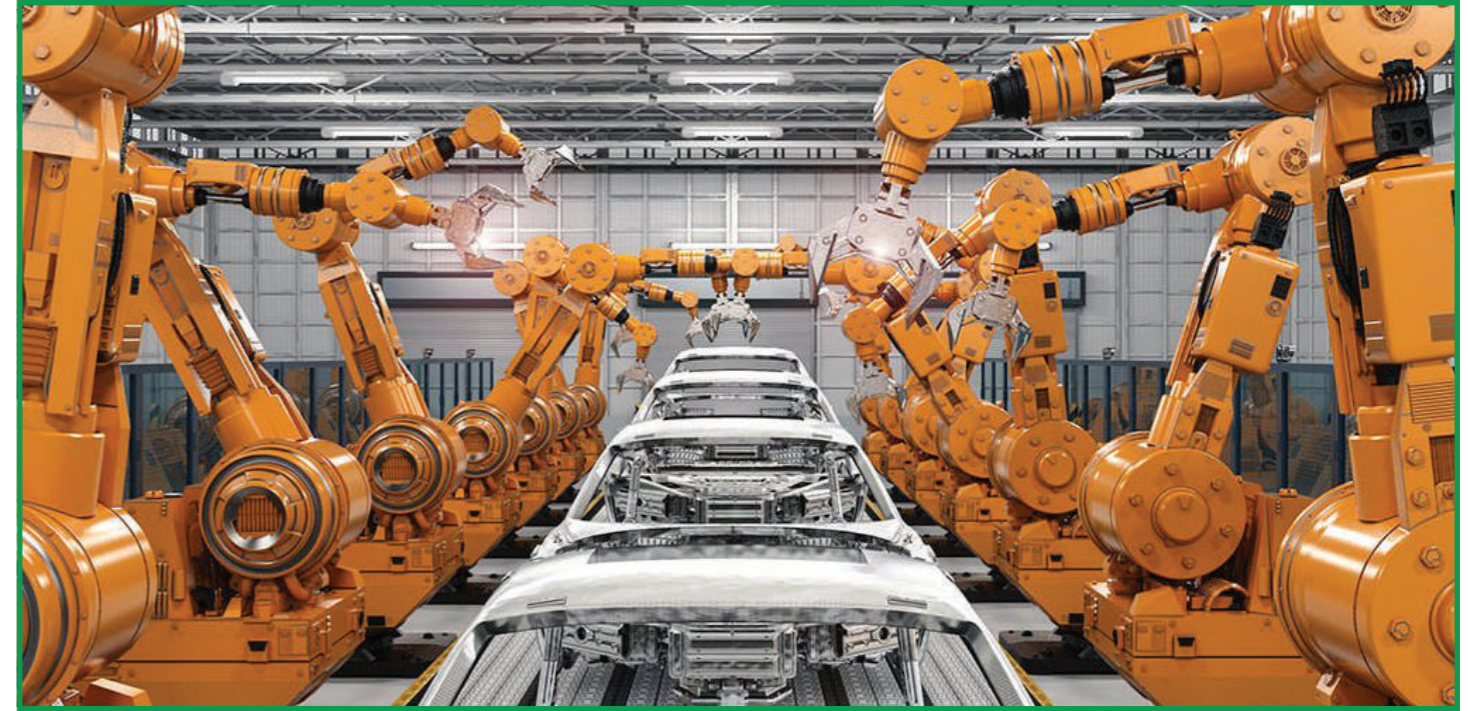
Function: As a system to check the external surface of the product, distinguish the shape, size, color... of the product compared with the set sample standard, non-standard products will be automatically removed later.

Target product: RAM CARD

Machine dimension: 1300\*750\*1500 (mm)

Performance : 4s/ea (TOP), 7s/ea (SIDE), 7s/ea (BOTTOM)

# TYPES OF INDUSTRIAL MACHINES



**BAND SAW MACHINE**

**DRILLING MACHINE**

**AIR COMPRESSOR MACHINE**

**HYDRAULIC POWER**

**HYDRAULIC VICE**

### Functions:

- Capacity: 310 mm x 260 mm.
- Cutting width: 145~190 mm.
- Cutting height: 30 - 130 mm.
- Speed: 20 - 100mm/min.
- Inverter is used
- Power: 3.7 Kw.
- Weight: 1750 Kg.
- Dimensions: LxW: 2170mm x 2100mm.

### Functions:

- Drilling stroke: 58 mm.
- Distance from drill bit to drill chuck: 300mm
- Diameter of drill bit: 1.5 - 13mm.
- Power: 0.5kw.
- Dimensions: 230 x520 x 810 mm
- Weight: 31 kg.
- Compact and safe structure

### Functions:

- Compressed air tank capacity: 40 liters.
- Engine power: 2.5 HP.
- Compressed air pressure: 110~135 Psi.
- Max pressure: 175 Psi.
- Double piston design, increase pneumatic efficiency.
- Compact structure, high performance.
- The machine works smoothly and saves energy.

### Functions:

- Synchronous design, integrated oil pump system assembly, oil tank and power valve assemblies.
- Pressure and flow can be adjusted.
- Has the function of displaying the source pressure and oil level in the tank.
- There is a function of filtering the oil to the tank.

### Functions:

- Max clamping force: 5000 kgf.
- Opening level: 0 - 300mm.
- Parallelism tolerance 0.01/100mm.
- Perpendicularity tolerance: 0.02/50mm.
- Cast iron material FCD60JIS: 45 HRC. Simple, gentle operation, tight clamping force.

## DESIGN AND SUPPLY JIGS AS REQUIRED



**BLOCK PLATE**



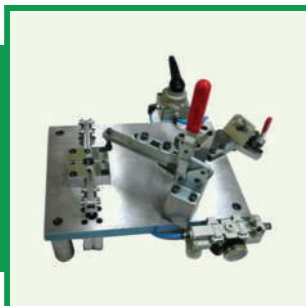
**SHAFTS/FLANGER**



**STAINLESS STEEL TROLLEY**

SUS304 - T01 Trolley - SUS304

Function:  
-SUS304 stainless steel material.  
-Solid construction, safe and easy to use.  
-Two wheels have brakes to ensure that the car does not drift.  
-Can be designed and manufactured according to customer requirements.



**INSPECTION JIG FOR PART J01**

Inspection Jig For Part



**WELDING JIG J02**

Welding Jig

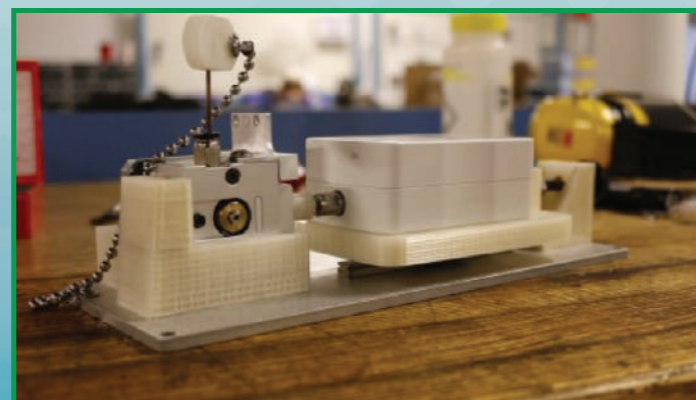


**INSPECTION JIG FOR PART J03**

Inspection Jig For Part



**DESIGN AND PRODUCTION WELDING JIGS FOR CARS**



## THE PROCESSING PRODUCTS ARE LOVED BY CUSTOMERS

This is a product that is processed by Midra according to the design requirements of a factory, we have helped them save a lot of costs and delivery time when products can be processed in Vietnam, helping the factory be very surprised when transferring a product imported from the US and Europe to process directly in Vietnam.

While customers are struggling to import 316 springs and have shipped from the US with a delivery time of 68 weeks, with 5-10 days of production we have delivered goods to help them save 50% on purchase costs.

**ACCUMULATOR PRESSURE BELT**

Stainless steel 316  
Model: MID-DS01



**SPRING**

Stainless steel 316  
Model: MID-LX01



**ACCUMMULATOR**

Model: MID-DS01

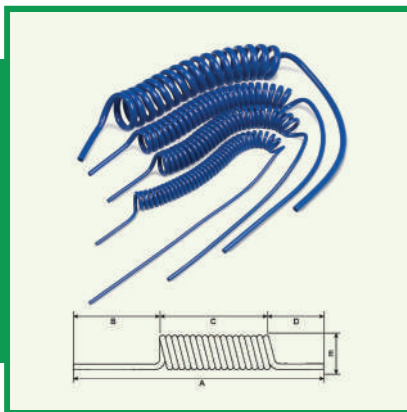


**HYDRAULIC OIL TANK & COOLER**

BENEFITS OF TA-MID-01-218 OIL TANK AND COOLER:  
1. Simple, very convenient to use.  
2. 24/24h cooling - even if the system stops working.  
3. High dust resistance  
4. Convenient in the process of cleaning and maintenance  
5. Can install new or replace the tanks of old hydraulic station  
6. Space saving.



## HOSE CEJN



SPIRAL HOSE

| HOSE    | Part No.    | Size IDxOD (mm) | Total Length (m) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
|---------|-------------|-----------------|------------------|--------|--------|--------|--------|--------|
| 2 meter | 19 958 5820 | 5 x 8           | 2.5              | 740    | 500    | 140    | 100    | 42     |
|         | 19 958 6020 | 6.5 x 10        | 2.5              | 740    | 500    | 140    | 100    | 52     |
|         | 19 958 6220 | 8 x 12          | 2.5              | 740    | 500    | 140    | 100    | 65     |
|         | 19 958 6620 | 11 x 16         | 2.5              | 720    | 500    | 120    | 100    | 95     |
| 4 meter | 19 958 5840 | 5 x 8           | 5.0              | 930    | 500    | 330    | 100    | 42     |
|         | 19 958 6040 | 6.5 x 10        | 5.0              | 930    | 500    | 330    | 100    | 52     |
|         | 19 958 6240 | 8 x 12          | 5.0              | 920    | 500    | 320    | 100    | 65     |
|         | 19 958 6640 | 11 x 16         | 5.0              | 880    | 500    | 280    | 100    | 95     |
| 6 meter | 19 958 5860 | 5 x 8           | 7.5              | 1120   | 500    | 520    | 100    | 42     |
|         | 19 958 6060 | 6.5 x 10        | 7.5              | 1120   | 500    | 520    | 100    | 52     |
|         | 19 958 6260 | 8 x 12          | 7.5              | 1100   | 500    | 500    | 100    | 65     |
|         | 19 958 6660 | 11 x 16         | 7.5              | 1040   | 500    | 440    | 100    | 95     |
| 8 meter | 19 958 5880 | 5 x 8           | 10.0             | 1300   | 500    | 700    | 100    | 42     |
|         | 19 958 6080 | 6.5 x 10        | 10.0             | 1310   | 500    | 710    | 100    | 52     |
|         | 19 958 6280 | 8 x 12          | 10.0             | 1280   | 500    | 680    | 100    | 65     |
|         | 19 958 6680 | 11 x 16         | 10.0             | 1210   | 500    | 610    | 100    | 95     |



STRAIGHT HOSE

| HOSE, ID x OD | Part No.    | Working Pressure | Length |
|---------------|-------------|------------------|--------|
| 4 x 6 mm      | 19 958 0702 | 10 bar (145 PSI) | 100m   |
| 5 x 8 mm      | 19 958 0802 | 10 bar (145 PSI) | 100m   |
| 6,5 x 10 mm   | 19 958 1002 | 10 bar (145 PSI) | 100m   |
| 8 x 12 mm     | 19 958 1202 | 10 bar (145 PSI) | 100m   |
| 11 x 16 mm    | 19 958 1602 | 10 bar (145 PSI) | 100m   |
| 13 x 18 mm    | 19 958 1801 | 10 bar (145 PSI) | 50m    |
| 16 x 21 mm    | 19 958 2100 | 10 bar (145 PSI) | 50m    |
| 19 x 24 mm    | 19 958 2400 | 10 bar (145 PSI) | 25m    |



ANTI-SPARK HOSE

| HOSE, ID x OD | Part No.    | Working Pressure | Length |
|---------------|-------------|------------------|--------|
| 8 x 12 mm     | 19 958 1230 | 14 bar (203 PSI) | 50m    |
| 9,5 x 13,5 mm | 19 958 1330 | 12 bar (174 PSI) | 50m    |
| 11 x 16 mm    | 19 958 1637 | 12 bar (174 PSI) | 50m    |

| SERIES 315       | Service Length | ID x OD (mm) | Standard    | Max Working Pressure |
|------------------|----------------|--------------|-------------|----------------------|
| Spiral           | 2 m            | 6.5 x 10     | 19 958 9370 | 10 bar (145 PSI)     |
|                  |                | 8 x 12       | 19 958 9374 | 10 bar (145 PSI)     |
|                  |                | 11 x 16      | 19 958 9378 | 10 bar (145 PSI)     |
|                  | 4 m            | 6.5 x 10     | 19 958 9371 | 10 bar (145 PSI)     |
|                  |                | 8 x 12       | 19 958 9375 | 10 bar (145 PSI)     |
|                  |                | 11 x 16      | 19 958 9379 | 10 bar (145 PSI)     |
|                  | 4 m            | 6.5 x 10     | 19 958 9372 | 10 bar (145 PSI)     |
|                  |                | 8 x 12       | 19 958 9376 | 10 bar (145 PSI)     |
|                  |                | 11 x 16      | 19 958 9380 | 10 bar (145 PSI)     |
|                  | 4 m            | 6.5 x 10     | 19 958 9373 | 10 bar (145 PSI)     |
|                  |                | 8 x 12       | 19 958 9377 | 10 bar (145 PSI)     |
|                  |                | 11 x 16      | 19 958 9381 | 10 bar (145 PSI)     |
| Straight Braided | 10 m           | 9.5 x 13.5   | 19 958 9201 | 16 bar (232 PSI)     |
|                  |                | 11 x 16      | 19 958 9203 | 12 bar (174 PSI)     |
|                  | 15 m           | 9.5 x 13.5   | 19 958 9202 | 16 bar (232 PSI)     |



HOSE KITS

## COUPLINGS AND BLOWGUN CEJN

| COUPLINGS       | IMAGE         | Part No.               | Connection    |
|-----------------|---------------|------------------------|---------------|
| Hose Connection |               | 10 315 2002            | 6.3 mm (1/4") |
|                 |               | 10 315 2043            | 7 mm (9/32")  |
|                 |               | 10 315 2004            | 10 mm (3/8")  |
|                 |               | 10 315 2005            | 13 mm (1/2")  |
| Male Thread     |               | 10 315 2152            | R 1/4"        |
|                 |               | 10 315 2154            | R 3/8"        |
|                 |               | 10 315 2155            | R 1/2"        |
|                 |               | 10 315 2452            | NPT 1/4"      |
|                 |               | 10 315 2454            | NPT 3/8"      |
|                 |               | 10 315 2455            | NPT 1/2"      |
| Female Thread   |               | 10 315 2102            | Rc 1/4"       |
|                 |               | 10 315 2104            | Rc 3/8"       |
|                 |               | 10 315 2105            | Rc 1/2"       |
|                 |               | 10 315 2202            | G 1/4"        |
|                 |               | 10 315 2204            | G 3/8"        |
|                 |               | 10 315 2244            | G 3/8"        |
|                 |               | 10 315 2402            | NPT 1/4"      |
|                 |               | 10 315 2404            | NPT 3/8"      |
|                 |               | 10 315 2405            | NPT 1/2"      |
|                 |               | Stream-Line connection |               |
| 10 315 2060     | 6.5 x 10 mm   |                        |               |
| 10 315 2062     | 8 x 12 mm     |                        |               |
| 10 315 2063     | 9.5 x 13.5 mm |                        |               |
| 10 315 2066     | 11 x 16 mm    |                        |               |

| NIPPLES                                    | IMAGE        | Part No.    | Connection    |
|--|--------------|-------------|---------------|
| Female Thread                              |              | 10 315 5101 | Rc 1/8"       |
|  |              | 10 315 5102 | Rc 1/4"       |
|  |              | 10 315 5104 | Rc 3/8"       |
|  |              | 10 315 5105 | Rc 1/2"       |
|  |              | 10 315 5402 | NPT 1/4"      |
| Male Thread                                |              | 10 315 5404 | NPT 3/8"      |
|  |              | 10 315 5151 | R 1/8"        |
|  |              | 10 315 5152 | R 1/4"        |
|  |              | 10 315 5154 | R 3/8"        |
|  |              | 10 315 5155 | R 1/2"        |
| Stream-Line connection with kink protector |              | 10 315 5452 | NPT 1/4"      |
|  |              | 10 315 5454 | NPT 3/8"      |
|  |              | 10 315 5455 | NPT 1/2"      |
|  |              | 10 315 5058 | 5 x 8 mm      |
|  |              | 10 315 5060 | 6.5 x 10 mm   |
| Hose Connection                            |              | 10 315 5062 | 8 x 12 mm     |
|  |              | 10 315 5063 | 9.5 x 13.5 mm |
|  |              | 10 315 5066 | 11 x 16 mm    |
|  |              | 10 315 5002 | 6.3 mm (1/4") |
|  |              | 10 315 5004 | 10 mm (3/8")  |
| 10 315 5005                                | 13 mm (1/2") |             |               |
| 10 315 5043                                | 7 mm (9/32") |             |               |

| BLOWGUNS                    | IMAGE | Part No.    | Tube               | Connection              | Air Flow               | Max. Working Pressure |
|-----------------------------|-------|-------------|--------------------|-------------------------|------------------------|-----------------------|
| Blowgun with 90mm tube      |       | 11 208 0100 | Fixed tube         | R 1/4"                  | 500 l/min (17.7 CFM)   | 16 bar (232 PSI)      |
|                             |       | 11 208 0150 | Fixed tube         | NPT 1/4"                | 500 l/min (17.7 CFM)   | 16 bar (232 PSI)      |
|                             |       | 11 208 0200 | Removable tube     | R 1/4"                  | 500 l/min (17.7 CFM)   | 16 bar (232 PSI)      |
|                             |       | 11 208 0250 | Removable tube     | NPT 1/4"                | 500 l/min (17.7 CFM)   | 16 bar (232 PSI)      |
| MultiFLOW Air and Fluid gun |       | 11 210 0100 | Straight Tube 90mm | 320 nipple              | 150 l/min - 1100 l/min |                       |
|                             |       | 11 210 0150 | Straight Tube 90mm | NPT 1/4"                | 150 l/min - 1100 l/min |                       |
|                             |       | 11 210 0400 | Adjustable Jet     | 320 nipple              | 200 l/min - 1200 l/min |                       |
|                             |       | 11 210 0450 | Adjustable Jet     | Adapter 1/4" NPT female | 200 l/min - 1200 l/min |                       |
|                             |       |             |                    |                         |                        |                       |



Bendable Extension Tube 400mm (11 208 0222)



Extension Tube (11 208 0219)



Rubber-tip Nozzle

|                  |             |
|------------------|-------------|
| ∅ 14 mm (1/2")   | 11 208 9956 |
| ∅ 25 mm (1")     | 11 208 9957 |
| ∅ 35 mm (1 1/3") | 11 208 9958 |



QUICK COUPLING  
Series 315



MULTIFLOW AIR AND FLUID GUN



BLOWGUN 208



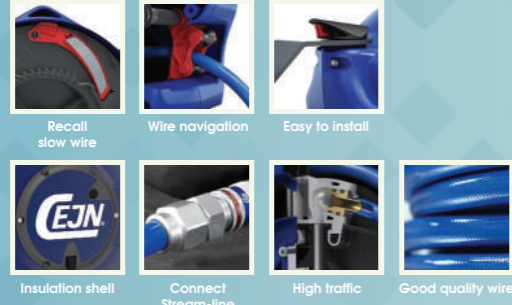
## SAFETY REEL AND FRL AIR TREATMENT

| SAFETY REEL                  | IMAGE     | Part No.                         | Description Class | ID x OD       | Connection Inlet     | Connection Outlet    | Max. Working Pressure |
|------------------------------|-----------|----------------------------------|-------------------|---------------|----------------------|----------------------|-----------------------|
| Small Reel                   |           | 19 911 2040                      | 5 meters          | 11 x 16 mm    | R 1/2" Male          | R 1/2" Male          | 12 bar (174 PSI)      |
|                              |           | 19 911 2041                      | 5 meters          | 11 x 16 mm    | 1/2" NPT Male        | 1/2" NPT Male        | 12 bar (174 PSI)      |
|                              |           | 20 911 2043                      | 5 meters          | 11 x 16 mm    | eSafe 315 nipple     | eSafe 315 coupling   | 12 bar (174 PSI)      |
|                              |           | 19 911 2022                      | 10 meters         | 8 x 12 mm     | R 1/4" Male          | R 1/4" Male          | 16 bar (232 PSI)      |
|                              |           | 20 911 2023                      | 10 meters         | 8 x 12 mm     | Outlet 1/4" NPT Male | Outlet 1/4" NPT Male | 16 bar (232 PSI)      |
|                              |           | 21 911 2083                      | 10 meters         | 8 x 12 mm     | eSafe 315 nipple     | eSafe 315 coupling   | 16 bar (232 PSI)      |
|                              |           | 19 911 2020                      | 7 meters          | 8 x 12 mm     | R 1/4" Male          | R 1/4" Male          | 16 bar (232 PSI)      |
|                              |           | 20 911 2021                      | 7 meters          | 8 x 12 mm     | 1/4" NPT Male        | 1/4" NPT Male        | 16 bar (232 PSI)      |
| Medium Reel                  |           | 19 911 2150                      | 8 meters          | 13 x 18 mm    | R 1/2" Male          | R 1/2" Male          | 10 bar (145 PSI)      |
|                              |           | 19 911 2151                      | 8 meters          | 13 x 18 mm    | 1/2" NPT Male        | 1/2" NPT Male        | 10 bar (145 PSI)      |
|                              |           | 19 911 2140                      | 10 meters         | 11 x 16 mm    | R 1/2" Male          | R 1/2" Male          | 12 bar (174 PSI)      |
|                              |           | 19 911 2141                      | 10 meters         | 11 x 16 mm    | 1/2" NPT Male        | 1/2" NPT Male        | 12 bar (174 PSI)      |
|                              |           | 19 911 2143                      | 10 meters         | 11 x 16 mm    | eSafe 315 nipple     | eSafe 315 coupling   | 12 bar (174 PSI)      |
|                              |           | 19 911 2130                      | 14 meters         | 9,5 x 13,5 mm | R 3/8" Male          | R 3/8" Male          | 16 bar (232 PSI)      |
|                              |           | 19 911 2131                      | 14 meters         | 9,5 x 13,5 mm | 3/8" NPT Male        | 3/8" NPT Male        | 16 bar (232 PSI)      |
|                              |           | 19 911 2163                      | 14 meters         | 9,5 x 13,5 mm | eSafe 315 nipple     | eSafe 315 coupling   | 16 bar (232 PSI)      |
|                              |           | 19 911 2120                      | 17 meters         | 8 x 12 mm     | 1/4" NPT Male        | 1/4" NPT Male        | 16 bar (232 PSI)      |
|                              |           | 19 911 2121                      | 17 meters         | 8 x 12 mm     | 1/4" NPT Male        | 1/4" NPT Male        | 16 bar (232 PSI)      |
|                              |           | 19 911 2120                      | 17 meters         | 8 x 12 mm     | eSafe 315 nipple     | eSafe 315 coupling   | 16 bar (232 PSI)      |
|                              |           | Medium Reel with Anti-spark Hose |                   | 19 911 2132   | 14 meters            | 9,5 x 13,5 mm        | R 3/8" Male           |
| 19 911 2133                  | 14 meters |                                  |                   | 9,5 x 13,5 mm | 3/8" NPT Male        | 3/8" NPT Male        | 12 bar (174 PSI)      |
| 19 911 2173                  | 14 meters |                                  |                   | 9,5 x 13,5 mm | eSafe 315 nipple     | eSafe 315 coupling   | 12 bar (174 PSI)      |
| Small Reel with Hi-Vis Hose  |           | 19 911 2028                      | 10 meters         | 8 x 12 mm     | R 1/4" Male          | R 1/4" Male          | 16 bar (232 PSI)      |
| Medium Reel with Hi-Vis Hose |           | 19 911 2138                      | 14 meters         | 9,5 x 13,5 mm | R 3/8" Male          | R 3/8" Male          | 16 bar (232 PSI)      |

### SAFETY REEL



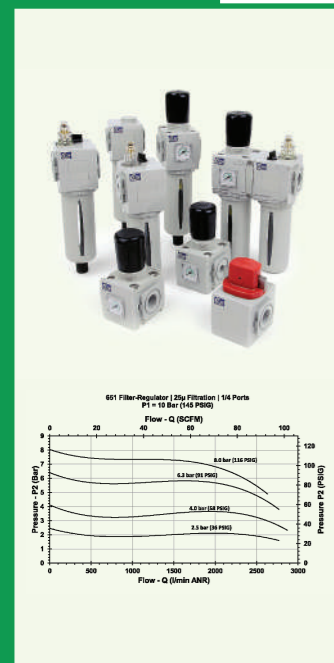
#### Efficiency = Energy Efficiency



#### Hose Reel's outstanding features:

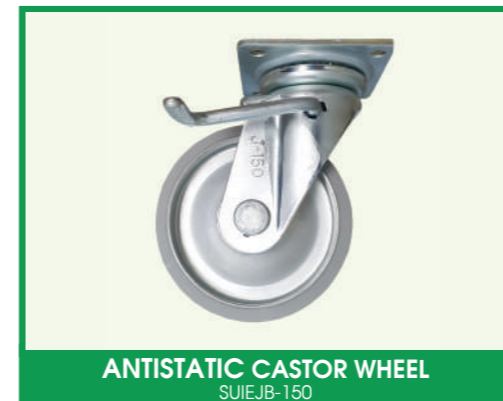


### FRL AIR TREATMENT



| FILTER  | IMAGE | Part No.    | Connection | Filtration | Max Flow    |
|---|-------|-------------|------------|------------|-------------|
| Filter/Regulators Model 651                               |       | 19 503 1401 | G 1/8"     | 25 µm      | 730 l/min   |
|   |       | 19 503 1402 | G 1/4"     | 25 µm      | 2300 l/min  |
|   |       | 19 503 1412 | G 1/4"     | 5 µm       | 2200 l/min  |
| Filter/Regulators Model 652                               |       | 19 503 5404 | G 3/8"     | 25 µm      | 5420 l/min  |
|   |       | 19 503 5405 | G 1/2"     | 25 µm      | 5500 l/min  |
|   |       | 19 503 5414 | G 3/8"     | 5 µm       | 4450 l/min  |
| Filter/Regulators Model 653                               |       | 19 503 5415 | G 1/2"     | 5 µm       | 4490 l/min  |
|   |       | 19 503 2407 | G 3/4"     | 25 µm      | 9000 l/min  |
|   |       | 19 503 2409 | G 1"       | 25 µm      | 10000 l/min |
| FRL Systems Model 653 Filter/Regulator & Lubricator       |       | 19 503 2607 | G 3/4"     | 25 µm      | 9000 l/min  |
| Filter, Regulator & Lubricator                            |       | 19 503 2627 | G 3/4"     | 25 µm      | 4700 l/min  |
| Shut-off valve (lockable) + Filter/Regulator + Lubricator |       | 19 503 2767 | G 3/4"     | 25 µm      | 9000 l/min  |

## UKAI CASTER WHEEL



| UKAI CASTER WHEEL MODEL | CASTOR WHEEL MATERIAL |
|-------------------------|-----------------------|
| SK                      | Rubber                |
| SJ                      | Rubber                |
| SJB                     | Rubber                |
| SUIK                    | PU                    |
| SUIJB                   | PU                    |
| SUIJ                    | PU                    |
| PK                      | Plastic               |
| PJ                      | Plastic               |
| PJB                     | Plastic               |
| UWBK                    | MC Nylon              |
| UWBJ                    | MC Nylon              |
| UWBJB                   | MC Nylon              |

| Model Number | Load (daN) | Model Number | Load (daN) |
|--------------|------------|--------------|------------|
| SK - 75      | 80         | SK - 200     | 250        |
| SJ - 75      | 80         | SJ - 200     | 250        |
| SJB - 75     | 80         | SJB - 200    | 250        |
| SUIK-75      | 120        | SUIK-200     | 400        |
| SUIJB-75     | 120        | SUIJB-200    | 400        |
| SUIJ-75      | 120        | SUIJ-200     | 400        |
| PK-75        | 100        | PK-200       | 250        |
| PJ-75        | 100        | PJ-200       | 250        |
| PJB-75       | 100        | PJB-200      | 250        |
| UWBK-75      | 120        | UWBK-200     | 420        |
| UWBJ-75      | 120        | UWBJ-200     | 420        |
| UWBJB-75     | 120        | UWBJB-200    | 420        |

|           |     |           |     |
|-----------|-----|-----------|-----|
| SK - 100  | 130 | SK - 250  | 330 |
| SJ - 100  | 130 | SJ - 250  | 330 |
| SJB - 100 | 130 | SJB - 250 | 330 |
| SUIK-100  | 180 | SUIK-250  | 500 |
| SUIJB-100 | 180 | SUIJB-250 | 500 |
| SUIJ-100  | 180 | SUIJ-250  | 500 |
| PK-100    | 120 |           |     |
| PJ-100    | 120 |           |     |
| PJB-100   | 120 |           |     |
| UWBK-100  | 180 |           |     |
| UWBJ-100  | 180 |           |     |
| UWBJB-100 | 180 |           |     |

|           |     |          |     |
|-----------|-----|----------|-----|
| SK - 130  | 180 | SK - 300 | 350 |
| SJ - 130  | 180 | SJ - 300 | 350 |
| SJB - 130 | 180 | SUIK-300 | 600 |
| SUIK-130  | 250 | SUIJ-300 | 600 |
| SUIJB-130 | 250 |          |     |
| SUIJ-130  | 250 |          |     |
| PK-130    | 150 |          |     |
| PJ-130    | 150 |          |     |
| PJB-130   | 150 |          |     |
| UWBK-130  | 250 |          |     |
| UWBJ-130  | 250 |          |     |
| UWBJB-130 | 250 |          |     |

|           |     |  |  |
|-----------|-----|--|--|
| SK - 150  | 200 |  |  |
| SJ - 150  | 200 |  |  |
| SJB - 150 | 200 |  |  |
| SUIK-150  | 300 |  |  |
| SUIJB-150 | 300 |  |  |
| SUIJ-150  | 300 |  |  |
| PK-150    | 180 |  |  |
| PJ-150    | 180 |  |  |
| PJB-150   | 180 |  |  |
| UWBK-150  | 300 |  |  |
| UWBJ-150  | 300 |  |  |
| UWBJB-150 | 300 |  |  |

# COMBINED TUBE TYPES

# PROCESSING WORKING TABLES, RATINGS, TROLLS... ON REQUIREMENTS



## Plastic wheel conveyor

Uses and features:

- Used in shelves for goods
- Used for the stages of the conveyor belt
- Fit for carts
- Fit for the workbench
- Easy to install
- Poor heat resistance
- Anti-static type available



HJ - 1



HJ - 2



HJ - 3



HJ - 4



HJ - 5



HJ - 6



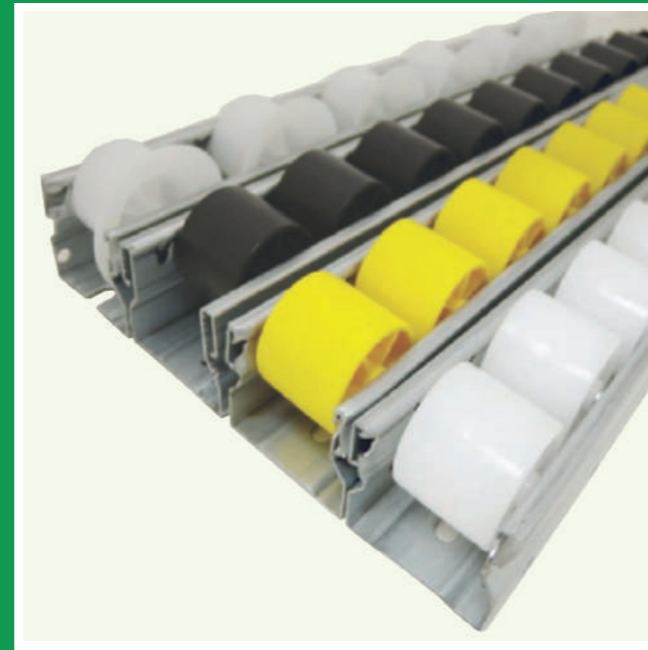
HJ - 7



HJ - 8



HJ - 13



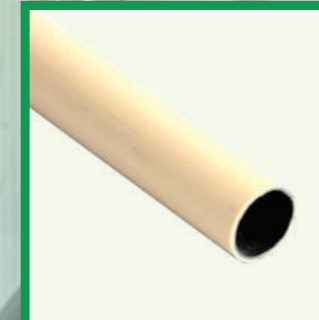
## ROLLER

## METAL COUPLING (BLACK OR GALVANIZED)

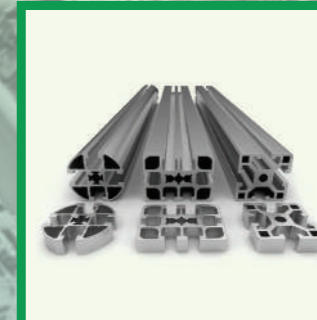
## COMBINED TUBE TYPES



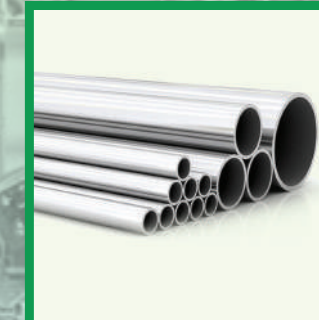
Plastic coated steel pipe



ABS pipes



Aluminum Profiles and Accessories



Stainless steel pipe

## WORKING TABLES, RATINGS, TROLLS...



Profiled aluminum working table



ABS pipe working table



Conveyor



Cart



Shelves



Nut



Connecting rod holder Placon A



Connecting rod holder Placon B



Adjustable kickstand



Wheel support



Aluminum joint



Matching nut bolt HJ

## OTHER ACCESSORIES

# HYDRAULIC HOSES

## SUPER HIGH PRESSURE HYDRAULICS CEJN



## HYDRAULIC FITTING TYPES



## HYDRAULIC HOSES PARKER/ YOKOHAMA



| Max. Working Pressure | DN         |
|-----------------------|------------|
| 70 Mpa                | DN 6/ DN10 |
| 72 Mpa                | DN 6       |
| 100 Mpa               | DN 6       |
| 140 Mpa               | DN 4       |
| 150 Mpa               | DN 4/ DN 5 |
| 180 Mpa               | DN 5       |
| 250 Mpa               | DN 5       |
| 300 Mpa               | DN 4       |
| 400 Mpa               | DN 5       |

\*Thông số kỹ thuật của Thủy lực áp suất siêu cao CEJN\*

| Part Number | Hose ID<br>Inch   mm | Hose OD<br>Inch   mm | Working Pressure<br>psi   Mpa | Minimum Bend Radius<br>Inch   mm | Weight<br>kg/m | Parkrimp<br>43 Series |
|-------------|----------------------|----------------------|-------------------------------|----------------------------------|----------------|-----------------------|
| 301SN-4     | 1/4   6.3            | 0.59   15.0          | 5800   40.0                   | 3.94   100                       | 0.39           | •                     |
| 301SN-5     | 5/16   7.9           | 0.65   16.6          | 5075   35.0                   | 4.53   115                       | 0.42           | •                     |
| 301SN-6     | 3/8   9.5            | 0.75   19.0          | 4775   33.0                   | 5.12   130                       | 0.55           | •                     |
| 301SN-8     | 1/2   12.7           | 0.87   22.2          | 4000   27.5                   | 7.10   180                       | 0.67           | •                     |
| 301SN-10    | 5/8   15.9           | 1.00   25.4          | 3600   25.0                   | 7.87   200                       | 0.77           | •                     |
| 301SN-12    | 3/4   19.1           | 1.15   29.3          | 3100   21.5                   | 9.45   240                       | 1.00           | •                     |
| 301SN-16    | 1   25.4             | 1.50   38.1          | 2400   16.5                   | 11.81   300                      | 1.49           | •                     |
| 301SN-20    | 1-1/4   31.8         | 1.87   47.5          | 1800   12.5                   | 16.54   420                      | 1.73           | •                     |
| 301SN-24    | 1-1/2   38.1         | 2.17   55.0          | 1300   9.0                    | 19.69   500                      | 2.14           | •                     |
| 301SN-32    | 2   50.8             | 2.64   67.0          | 1150   8.0                    | 24.80   630                      | 2.96           | •                     |

\*Thông số kỹ thuật của Dây thủy lực Parker\*



KOREA HYDRAULIC HARD TUBING



QUICK COUPLINGS HYDRAULIC

# PRODUCTS OF MIDRA VIETNAM



MIDRA VIETNAM IS ALWAYS RELIABLE!