



CEJN  
Innesti Rapidi  
Conessioni aria compressa



 HYDRAULIC  
COMPONENTS  
& FLUID CONTAMINATION  
CONTROL



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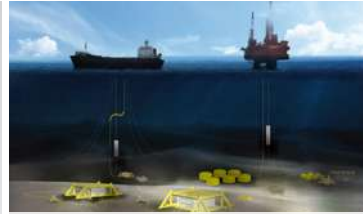
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# Engineering Solutions

- Using Quick Connect Technology



**A special Multi-X**  
A Multi-X with cooling, pneumatic and electrical connectors for press hardening and welding operation.



Tough challenges for Multi-X at 3000m depth.



[YouTube](#) CEJN offshore ROV connection.



**Multi-X Quattro**  
A Multi-X in aluminium and stainless steel (AISI 316) for offshore and industrial applications.

## Engineering by CEJN

CLOSE TO YOUR BUSINESS, FAST TO RESPOND

For us, close cooperation with the customer is essential for a successful project. CEJN's skilled Application Experts translate customer needs into viable product solutions, while the Design Engineer is the source for custom-made prototypes, small batch runs and special materials. Then, the vision is transformed into a physical product using our ultra-modern CNC machines, followed by stringent testing in our laboratory before delivery to you. The quality of tools has a direct link to the quality of the work they perform. Since 1955, that fact has been the driving force behind CEJN's commitment to providing customers with pneumatic tools that are a real standout in performance, craftsmanship and durability.

CEJN's wide range of standard quick connect products together with our 60 years of experience provides you with invaluable resources – all under one roof. Following initial contact we'll put you in touch with our Engineering department at one of our Design Centers. Your project will have a designated Design Engineer and Application Expert who will work closely with you throughout the development process: from idea to finished product.

**Multiple quick connect STAB plate**  
Multiple quick connect plate with hydraulic connectors for ROV operated deep sea applications.



## The process from idea to finished product



### Customer Request

Product features, application environment and other important variables are specified.



### Design and Prototype

CEJN engineers and application experts work closely with customers during product design. A prototype is produced for review and ongoing development.



### Testing

CEJN's field testing takes place in tough environments and test results are then compared to CEJN's laboratory tests before being approved for production.



### Quality Control

Routine audits as well as functional tests are frequently conducted for each project to guarantee safety and quality.

## In-house laboratory for product testing and verification



Flow test stands for hydraulic oil and water, capacity up to 300 l/min.




Impulse pressure test stand up to 4000 bar.



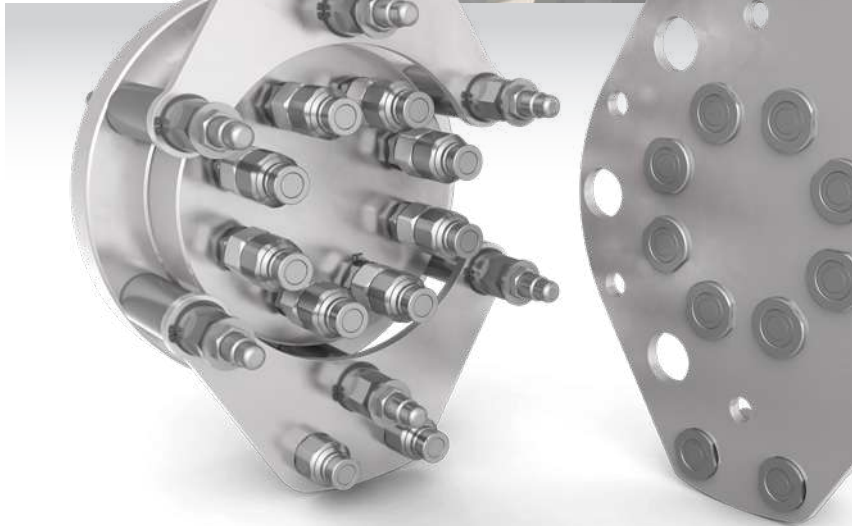
Climate chamber for temperature test.




 Auto-coupling engine testing.



**Coupling Bracket**  
Produced using rapid prototype technology for small batch production.



 **Multi-Coupling for Paper Machines**  
Manual plate to connect 8 x Series 665 and 4 x Series 565. The couplings are made of stainless steel.



**DN 3 Auto-Coupling**  
CEJN's smallest coupling for electronic cooling.



**Multi-Coupling Pressplate**  
For hydraulics and cooling water in press hardening applications.



**Auto-Coupling Manifold**  
Stainless steel manifold of quick connect couplings with an integrated filter for cooling of welding robots.



**P8 Multi-Coupling**  
Multi-Coupling used to connect hot water, compressed air and electricity supply to parked vehicles.



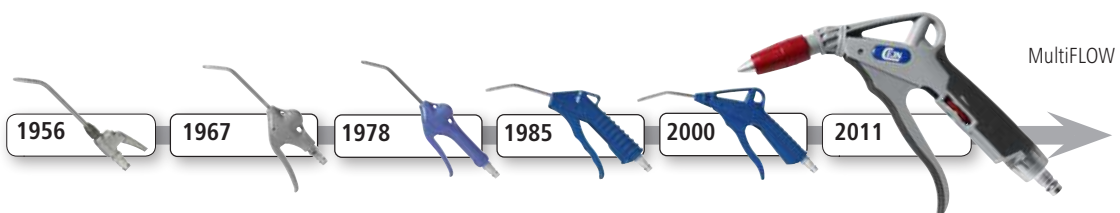
# Pneumatic Products

*Synonymous with quality, high performance and safety*

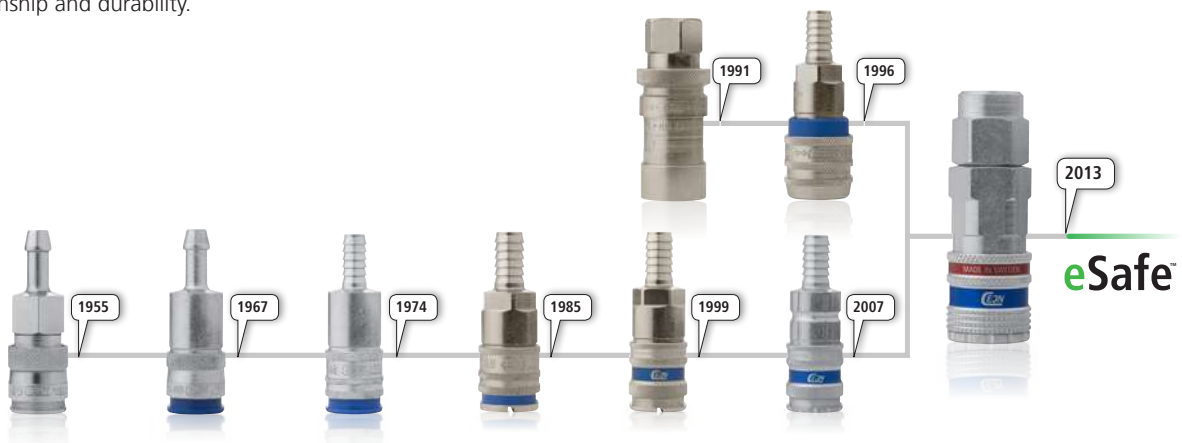
Designed and produced in Sweden, CEJN pneumatic products are the high quality choice for industries and workshops that want the best professional option on the market. Our pneumatic products result in significant reduction in energy consumption and secured tool performance. The functional design is based on genuine usability conditions, exacting standards, long service life and low maintenance costs.

## ALWAYS AT THE TOP

At CEJN we have produced pneumatic products for over 60 years and our product line includes the world's best performing products such as quick connect couplings and nipples, air and fluid guns, polyurethane hose, lightweight and heavy-duty hose, hose and cable reels and accessories. Our modernized hose reel range was released in 2010 and we are confident that it is our constant strive to improve that keeps us on the top.



The quality of tools has a direct link to the quality of the work they perform. Since 1955, that fact has been the driving force behind CEJN's commitment to providing customers with pneumatic tools that are a real standout in performance, craftsmanship and durability.



**Series 291** (ISO 6150 C, 5.5 mm)

- Vented safety function
- High flow capacity
- Strong and durable

DN 5.5 mm (7/32"). Flow capacity of 1090 l/min (38.5 CFM). Max working pressure 12 bar (174 PSI). Made of zinc-plated steel/brass. ISO 6150 C Standard. Complies with safety standards ISO 4414.



eSafe™

**Series 300** (ARO 210 Standard, 5.5 mm)

- Vented safety function
- High flow capacity
- Strong and durable

DN 5.5 mm (7/32"). Flow capacity of 1050 l/min (37.1 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. Complies with safety standards ISO 4414 and EN 983.



eSafe™

**Series 310** (ISO 6150 B, A-A 59439 5.3 mm)

- Vented safety function
- High flow capacity
- Strong and durable

DN 5.3 mm (7/32"). Flow capacity of 950 l/min (33.6 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. ISO 6150 B Standards, A-A 59439 (former U.S Standard MIL C 4109 1/4"). Complies with safety standards ISO 4414 and EN 983.



eSafe™

**Series 315** (Asian standard, 7.5 mm)

- Vented safety function
- Extremely high flow capacity
- Strong and durable

DN 7.5 mm (5/16"). Flow capacity of 1950 l/min (68.8 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. Asian standard profile with a wide range of connections. Complies with safety standards ISO 4414 and EN 983.



eSafe™

**Series 320** (CEJN Original, Eurostandard 7.4 mm)

- Vented safety function
- Extremely high flow capacity
- Strong and durable

DN 7.6 mm (5/16"). Flow capacity of 2250 l/min (79.5 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. CEJN original standard, Eurostandard 7.6 (7.4) Complies with safety standards ISO 4414 and EN 983.



eSafe™

**Series 381** (ISO 6150 C, 8.0 mm)

- Vented safety function
- High flow capacity
- Strong and durable

DN 8 mm (5/16"). Flow capacity of 2450 l/min (86.5 CFM). Max working pressure 12 bar (174 PSI). Made of zinc-plated steel/brass. ISO 6150 C Standard. Complies with safety standards ISO 4414.



eSafe™

**Series 410** (CEJN Original, Eurostandard 10.4 mm)

- Vented safety function
- Extremely high flow capacity
- Strong and durable

DN 10.4 mm (13/32"). Flow capacity of 4000 l/min (141.3 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. CEJN original standard 7.6 (7.4), Eurostandard 10.4. Complies with safety standards ISO 4414 and EN 983.



eSafe™

**Series 430** (ISO 6150 B, A-A 59439 8.2 mm)

- Vented safety function
- High flow capacity
- Strong and durable

DN 8.2 mm (5/16"). Flow capacity of 2500 l/min (88.3 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. ISO 6150 B Standards, A-A 59439 (former U.S Standard MIL C 4109 3/8"). Complies with safety standards ISO 4414 and EN 983.



eSafe™

**Series 471** (ISO 6150 C, 11 mm)

- Vented safety function
- High flow capacity
- Strong and durable

DN 11 mm (7/16"). Flow capacity of 3890 l/min (137 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. ISO 6150 C Standard. Complies with safety standards ISO 4414.



eSafe™

**Series 550** (ISO 6150 B, A-A-59439 11 mm)

- Vented safety function
- One hand operated
- Extremely high-flow capacity

DN 11 mm (7/16"). Flow capacity of 4050 l/min (143.0 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. Standards ISO 6150 B and A-A-59439 (former U.S. Standard MIL C 4109 1/2"). Complies with safety standards ISO 4414 and EN 983.



eSafe™

**Series 141** (CEJN Original 2.5 mm)

- Extremely small external dimensions
- One-hand operated
- Suitable for several media

DN 2.5 mm (3/32"). Flow capacity of 86 l/min (3.0 CFM). Max working pressure 10 bar (150 PSI). Made of chrome-plated brass. Suitable for compressed air, fluid and vacuum applications!



Standard

**Series 220** (CEJN Original, 5 mm)

- High flow capacity
- Small external dimensions
- One-hand operated

DN 5 mm (3/16"). Flow capacity of 580 l/min (20.5 CFM). Max working pressure 35 bar (510 PSI). Made of nickel-plated steel. Suitable for compressed air, fluid and vacuum applications.



Standard

**Series 315** (Asian Standard, 7.5 mm)

- Extremely high flow capacity
- Low connection force
- One-hand operated

DN 7.5 mm (5/16"). Flow capacity of 1950 l/min (68.8 CFM). Max working pressure 16 bar (230 PSI). Made of zinc-plated steel/brass. Asian standard profile with a wide range of connections. Couplings with high flow and low connection force.



**Multi-Link Systems**

- Compact multiple outlets
- Pre-assembled units, no assembly necessary
- Safety function to reduce noise and prevent recoil accidents

The Multi-Link integrated quick connect couplings come in units of 1 to 5 outlets. The units can also easily be connected to create more access points. Ideal for uncluttering existing work areas or to create new flexible work stations. The integrated couplings provide flexibility and high performance, the design allows for a large number of outlets without restricting the flow with T-connections, bends or elbows. Combine with our high quality polyurethane hose to create a flexible high performance air distribution system.



eSafe™

- Series 300 eSafe
- Series 310 eSafe
- Series 315 eSafe
- Series 320 eSafe



**Female Adapter**

G 1/2" Female thread



CEJN reserves the right to make changes without further notification. Thread connections are listed according to ISO Standards. Other connections and sealing material on request. Check with an authorized CEJN distributor for availability and prices. Some part numbers may be subject to minimum order quantities. Please visit our website, [www.cejn.com](http://www.cejn.com), for general maintenance tips.

## Soft-Line Couplings

### Soft-Line

- Extremely high flow capacity
- Easy to connect
- Strong and durable

### eSafe™

300, 310, 315 & 320

CEJN Soft-Line "softens" the edges of quick connect couplings, making them non-abrasive and less likely to cause damage to surrounding components and surfaces. They also protect couplings from impact, prolonging the service life of the couplings.



### Soft-Line Accessories

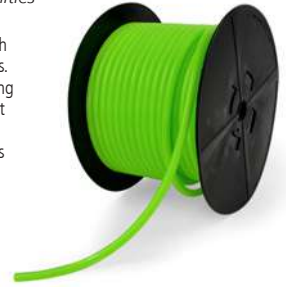
The accessory covers are designed to be added onto couplings to "soften" the edges of quick connect couplings, making them non-abrasive and less likely to cause damage to surrounding components and surfaces.



## Straight Hose – Hi-Vis PUR

- Light and flexible Hi-Vis safety hose
- Excellent resistance to oil, solvents, and other non-aqueous solutions
- Long service life with outstanding aging qualities

CEJN straight braided Hi-Vis hose is designed with high visibility color to prevent tripping accidents and injuries. The hose is an excellent choice for applications requiring a maximum working pressure up to 16 bar (232 PSI). It offers a wide temperature range and high tensile, tear, and impact strength. The hose easily springs back to its original form and has excellent abrasion resistance.



## Straight Braided PUR Hose

- Light and flexible
- Excellent resistance to oil, solvents, and other non-aqueous solutions
- Long service life with outstanding aging qualities

CEJN straight braided hose is an excellent choice for applications requiring a maximum working pressure up to 16 bar (232 PSI). It offers a wide temperature range and high tensile, tear, and impact strength. The hose easily springs back to its original form and has excellent abrasion resistance.



## Straight Braided Antistatic Hose

- Dissipates electro-static discharge
- Excellent weather resistance
- Extreme flexibility

The electrically conductive hose is made of braided EPDM Rubber that dissipates electro-static discharge and minimizes errant sparks. Working pressure up to 12 bar (170 PSI)



## Straight Non-Braided PUR Hose

- Suitable for push-to-connect fittings
- Excellent resistance to oils, solvents, and other non-aqueous solutions
- Long service life with outstanding aging qualities

Light and flexible hose with working pressure of 10 bar. High tensile, tear and impact strength. Made of FDA approved ester-based polyurethane.



## Straight Braided Water PUR Hose

- Light and flexible
- Excellent resistance to oils, solvents, and both aqueous and non-aqueous solutions
- Long service life with outstanding aging qualities

Excellent choice for compressed air in damp and wet environments. The hose has high impact strength and is functional in a wide temperature range. It easily springs back to its original form and has excellent abrasion resistance. Working pressure of 10 bar (150 PSI).



## Straight Braided Anti-Spark PUR Hose

- Spark and scorch resistant
- Excellent resistance to oils, solvents, and other non-aqueous solutions
- Long service life with outstanding aging qualities

The hose is resistant to scorching and damage while exposed to sparks in welding or steel cutting environments. Working pressure up to 14 bar (200 PSI) (depending on hose dimension).





### Spiral Anti-Spark Hose

- Spark and scorch resistant
- Excellent resistance to oils, solvents, and other non-aqueous solutions
- Long service life with outstanding aging qualities

Spiral hose resistant to scorching and damage while exposed to sparks in welding or steel cutting environments. Working pressure of 10 bar (150 PSI). The hose is designed for compressed air and breathing air applications.



### Spiral Non-Braided PUR Hose

- Light and flexible
- Excellent resistance to oils, solvents, and both aqueous and non-aqueous solutions
- Long service life with outstanding aging qualities

Spiral hose with excellent recoil ability and crimp resistance. The hose is abrasion resistant and is suitable for applications in a wide temperature range. Working pressure 10 bar (145 PSI).



### Hose Kits

- Series 300, 310, 315, 320, 410 couplings and nipples
- Flexible PUR hose with long service life
- Pre-assembled and ready to use



### eSafe

#### Hose Kits with Series 300 eSafe

Pre-assembled Hose Kits with spiral or straight hose and Series 300 eSafe couplings and nipples.

#### Hose Kits with Series 310 eSafe

Pre-assembled Hose Kits with spiral or straight hose and Series 310 eSafe couplings and nipples.

#### Hose Kits with Series 315 eSafe

Pre-assembled Hose Kits with spiral or straight hose and Series 315 eSafe couplings and nipples.

#### Hose Kits with Series 320 eSafe

Pre-assembled Hose Kits with spiral or straight hose and Series 320 eSafe couplings and nipples.

#### Hose Kits with Series 410 eSafe

Pre-assembled Hose Kits with spiral or straight hose and Series 410 eSafe couplings and nipples.

### Antistatic Hose Kits

- Combined with couplings and nipples
- Flexible EPDM rubber hose that dissipates electro-static discharge
- Pre-assembled and ready to use

Pre-assembled Hose Kits with braided EPDM rubber hose and combined with couplings and nipples



### PUR Hose Kits

#### with Adapters and Accessories

- Hose kits in different configurations
- Light and flexible hose
- Pre-assembled and ready to use

Pre-assembled kits with hose, adapters and accessories.



eSafe

### Compressed Air Reels – Closed

- High flow and low pressure drop
- Slow, strong retraction
- Durable construction
- Soft stop-ball prevents tripping

Closed safety reels feature a PUR hose, available in many different lengths and dimensions. They provide an extremely high flow due to their smart internal design, using high quality components to withstand heavy wear and challenging conditions.



### Water Reels – Closed

- High flow and low pressure loss
- Anti-kink design
- Hose guide and slow retraction
- Soft stop-ball to prevent tripping

Closed safety reels feature a PUR hose, available in many different lengths and dimensions. They provide an extremely high flow rate due to their smart internal design, using components that withstand corrosive environments.



## Electrical Reels – Closed

- Safety stop-ball
- Cable guiding and slow retraction
- Cable protected inside robust housing
- Complies with IP44, SS-EN 61242 and SS-EN61316

The electrical safety reel keeps your workplace safe with its high safety standards. It complies with IP44, SS-EN 61242 and SS-EN61316. Available with Schuko or CH plugs. CEJN cable reels are CE certified.



## Compressed Air Hose Reels - Open

- Slow and strong retraction
- Robust and durable steel design
- Excellent performance

CEJN's open hose reels for compressed air feature a PUR hose, available in many different lengths and dimensions. The high quality steel design has a very durable powder coat finish, which makes the reel perfect in challenging environments. The reels are also available with a rubber hose and without a hose, as an option.



## Water Reels - Open

- Slow and strong retraction
- Steel design with powder coat finish
- PUR or rubber hose

CEJN's open hose reels for water are made of high quality steel with a very durable powder coat finish, which makes the reel suitable for most corrosive environments. It is available without hose, and with a PUR or rubber hose in different lengths and dimensions.



## Hoseless Reels - Open

- Controlled rewind system
- Steel design with powder coat finish
- Unique shaft for maximum stability

CEJN's hoseless open reels are made of high quality steel, with a very durable powder coat finish, to withstand harsh environments. With the hoseless reel, the customer can choose the hose that meets their individual needs best.



## Series 208 Air & Fluid Guns

- High blowing force
- Easily regulated infinite flow
- Ergonomic, comfortable controls

Blowgun with ergonomic controls. Suitable for both air and non-explosive liquids. Available in several styles, including standard full-flow, noise-reducing Star-Tip, and a pressure-regulated safety version.



## Series 210 MultiFLOW Air & Fluid Gun

- Unmatched blowing force
- Adjustable flow control
- Ergonomical, non-slip grip

CEJN's MultiFLOW blowgun effectively cleans surfaces with air or water with unparalleled blowing force. Precise flow is achieved by adjustable flow settings. Nozzle adjusts from narrow jet to wide beam. The MultiFLOW meets and exceeds OSHA safety standards when dead-ended.



## Air & Fluid Guns Accessories

- Removable nozzles
- Extension tubes in various lengths
- Safety versions diverts the air when dead-ended
- Noise reducing versions

Removable accessories for Series 208 and 210 blowguns. Various tubes and tips are available to meet specific application requirements.



## Air Treatment (FRL)

To get the most out of your compressed air tools, equipment and machinery, a key ingredient is clean air. By using FRL products, also called air treatment system, you will keep your air supply in top condition. CEJN's FRL assortment of filters, regulators, filter-regulators and lubricators are easy to assemble as well as maintain and can be top- or side-mounted. Designed to provide constant high-quality air to your compressed air system, our air preparation units are available as stand-alone components or in complete system packages.



## Accessories

Accessories available for CEJN Pneumatic products are adapters to create different hose connections, Compact Pressure Tester to spot-check pressure and Soft-Line Accessory Covers to protect the coupling and its surroundings from impact.

### Compact Pressure Tester

- Easy to use
- Convenient way to spot-check pressure
- Lightweight

The CEJN Compact Pressure Tester provides a safe and fast method to measure system outlet pressure and ensure air systems are working to specifications.



### Soft-Line Accessories

- Compatible with all eSafe 300 series, 400 series and 500 series
- Easy to install
- Non-abrasive to surrounding components
- Ideal for work on delicate surfaces

CEJN Soft-Line covers, designed for users working with quick connection safety couplings in environments that is fragile for rough edges and abrasive material. The Soft-Line covers making it less likely to cause damage to surrounding components and surfaces.



### Stream-Line Connections

- Fixed and swivel connections
- Available with kink protectors

CEJN Stream-Line connections are available with swivel and fixed adapters, both are offered with or without kink protectors.



### Connectors, Adapters, Bushings & Plugs

A wide range of hose connectors; male-to-male adapters; bushings; plugs; cross, T-, L-, and Y-pieces; and ball valves for maximum flexibility in a variety of applications..



### OSHA Gauge

- Easy to use
- A quick safety check for blowguns
- Works for all brands of blowguns and all safety regulations up to 4 bar (58 PSI)

The CEJN OSHA gauge provides a safe and fast method to measure blowgun outlet pressure and ensure a safe working environment.



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