

CEJN-Webinar: Multi-X

The innovative multiple coupling
for your hydraulic connections





CEJN has been manufacturing couplings for compressed air, hydraulics and fluid applications for over 65 years.

In 1955, Carl Erik Josef Nyberg founded his own company and started developing compressed air couplings.

Using his initials, he located his company CEJN in Skövde, Sweden – where our headquarter is still located.





Brazil

USA

Sweden

Germany

Switzerland

France

Singapore

Australia

China

South Korea

Japan





Compressed Air



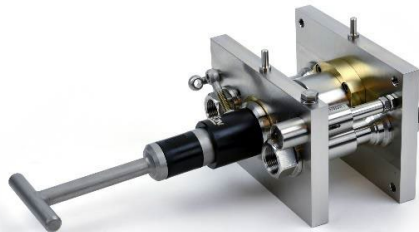
Breathing Air



Fluids



**Thermo-
management**



Multi & Auto



**Hydraulics
up to 500 bar**



**High-Pressure Hydraulic
from 700 to 4,000 bar**



Multi-X

The multiple coupling system
for maximum flexibility in your application!





Areas of application





Areas of application





	Duo					Quattro				Hexa
Nominal flow diameter	10	12,5	12,5/19	19	25	10	10/12.5	12.5	12.5/19	10
Connections Coupling side	WEO 1/2" G 3/8" BSP	WEO 1/2" G 1/2" BSP	WEO 1/2" + 3/4"	WEO 3/4" G 3/4" BSP	G 1" BSP	WEO 1/2" G 3/8" BSP	WEO 1/2" + 3/4" G 3/8" + G 1/2" BSP	WEO 1/2" G 1/2" BSP	WEO 1/2" + 3/4" G 1/2" + 3/4" BSP	WEO 1/2" G 3/8" BSP
Connections Nipple side	WEO 3/8" G 3/8" BSP	WEO 1/2" G 1/2" BSP	WEO 1/2" + 3/4"	WEO 3/4" G 3/4" BSP	G 1" BSP	WEO 3/8" G 3/8" BSP	WEO 3/8" + 1/2" G 3/8" + G 1/2" BSP	WEO 1/2" G 1/2" BSP	WEO 1/2" + 3/4" G 1/2" + 3/4" BSP	WEO 3/8" G 3/8" BSP
Material	Aluminium / Zinc / Nickel									
Working pressure	350 bar									
Temperature range	-30°C - +100°C									



Agricultural and municipal technology

Construction Machinery | Loading Cranes | Slope Mower
Automotive industry (hot forming)





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Interchangeable system with detachable ATLAS 120.2E

Applications:

- Fast drip-free lowering of the entire crane unit

Requirements:

- Clean drip-free connection
- Can be coupled under residual pressure
- Incl. electrical connection can be coupled in one step

Main reasons for decision:

- Can be coupled under residual pressure
- Quick connection
- Electric plug available

CEJN Hydraulic Coupling

10 932 5100 - Coupling Multi-X Quattro 12.5/19 incl. E-plug

10 932 5150 - Nipple Multi-X Quattro 12.5/19 incl. E-plug

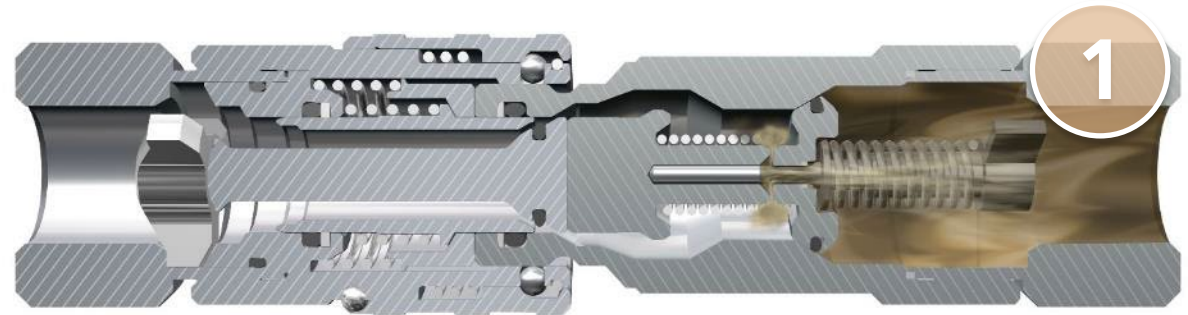




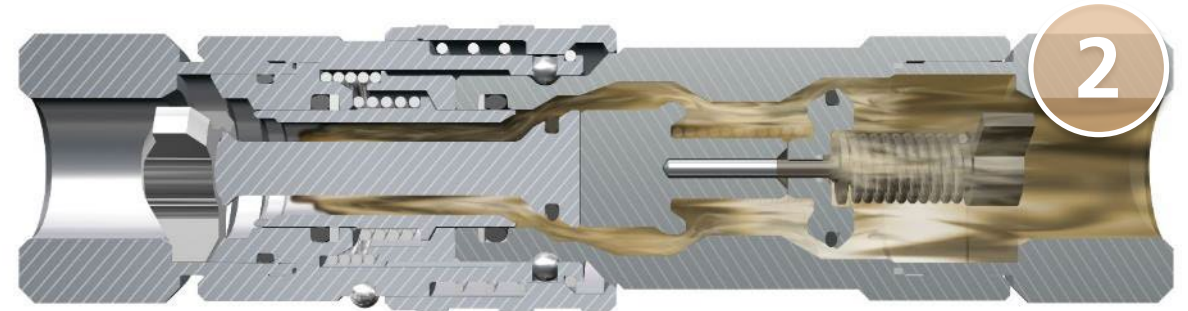


The integrated residual pressure eliminator and its function (Multi-X and X-64 series)

1. When connecting, the valve of the eliminator opens and drains the oil into the tank line. After that, the nipple is easy to connect.

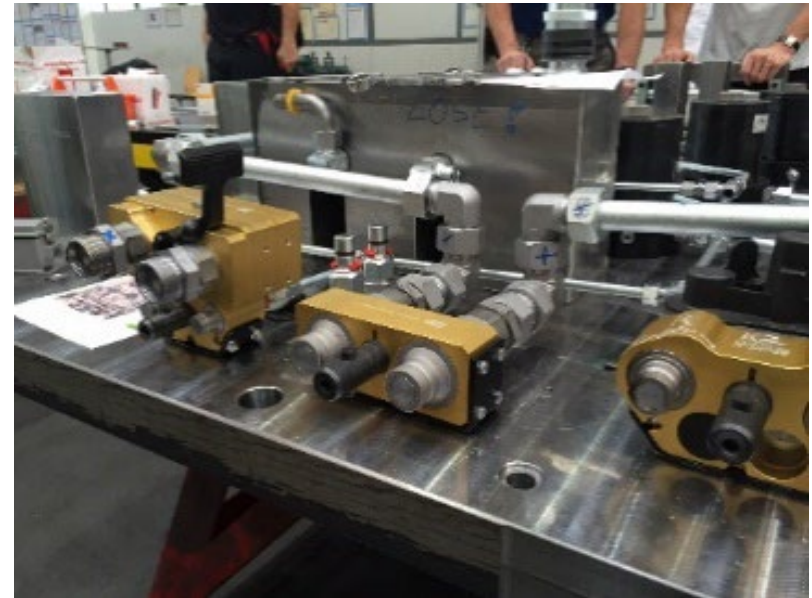
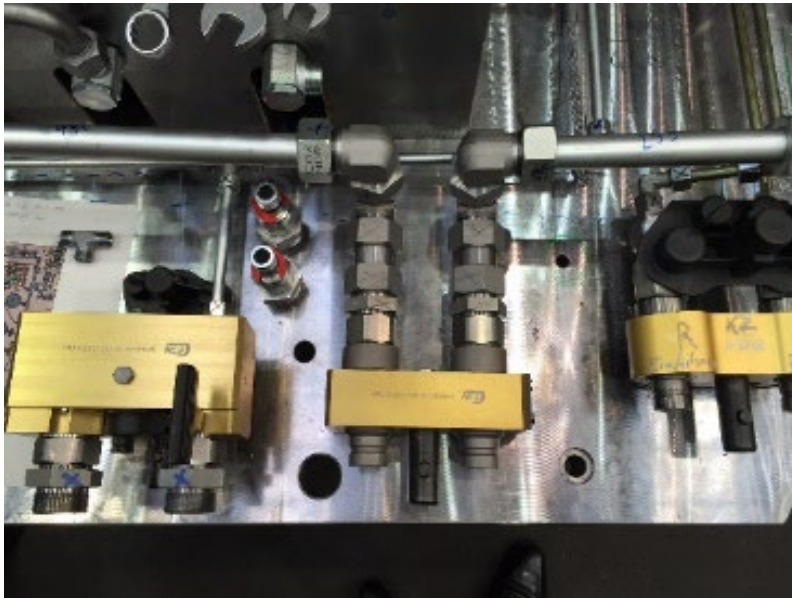


2. The coupling and the nipple are completely connected.





Agricultural and municipal technology
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Exchange system in hot forming

Applications:

- Fast and drip-free change of tools

Requirements:

- Clean drip-free connection
- Can be coupled under residual pressure

Main reasons for decision:

- Can be coupled under residual pressure
- Quick connection

CEJN Hydraulic Coupling

- 10 932 7001 - Coupling Multi-X Duo 25 with converted lever unit (nipple side)
- 10 932 7051 - Nipple Multi-X Duo 25 with converted lifting unit





How to choose the right Multi-X

Working pressure of the attachment or of the tool?

Flow of the attachment or of the tool?

Type and number of functions of the attachment or of the tool?

Type and number of attachments? (Grapple/ Ditching bucket/ Tool)

Space available for parking stations?

Your Multi-X





Unlike conventional coupling systems, there is no oil loss with flat-sealing systems.

Environmental pollution when changing implements is thus excluded.





Application

- Simple and safe operation
- Easy to maintain
- Flexible installation
- Can be coupled under residual pressure
- Compact design - little space required

Accessoires

- Extensive range of accessories and spare parts
- Optional electric plug can be retrofitted
- Extensive standard programm



Environment

- Environmentally friendly flat-face connections
- Durable and resistant to environmental influences
- High flow = energy efficiency

Features

- Torsion-free hose connection possible
- High working pressure - 350 bar
- Up to 6 connections can be coupled at once
- Flexible connection options



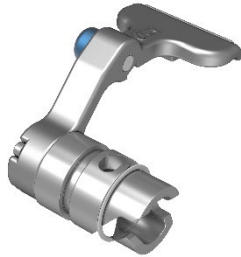
Aluminium Cover / Parking Station



Dust Caps



Coupling & Nipple Kits



Lever Set



Centering Pin



Slot Nut Kit



Mounting Brackets



Electric Connector Kit

....and more - on our website.



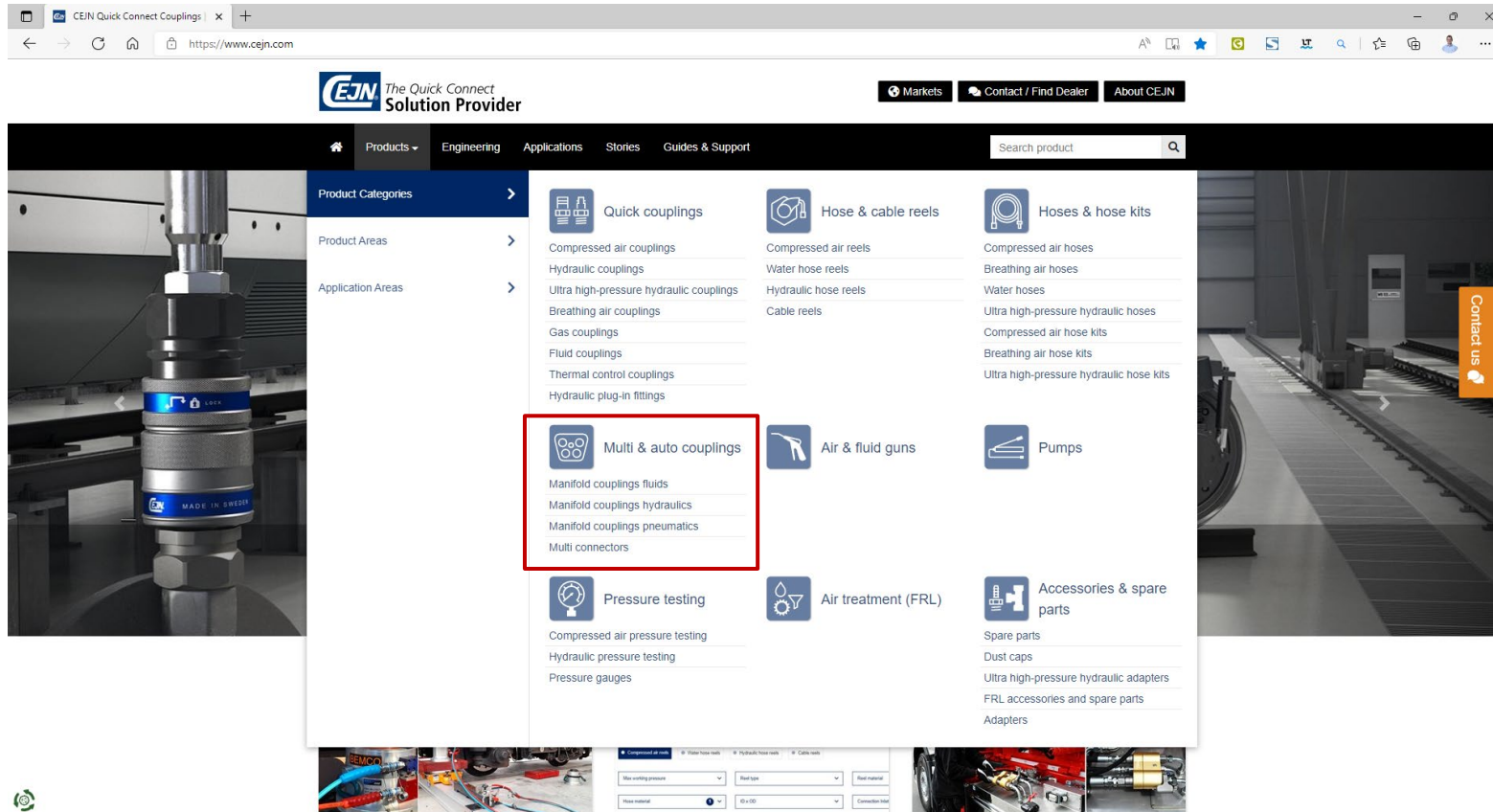
MX LIVE 2



Customer-specific solutions







CEJN hydraulics product portfolio on our website:
www.cejn.com/products/hydraulics





229 matching products



X-series couplings

Safety Lock | Flat Face | ISO 16028 | Stainless steel | Connection under pressure

Hydraulic flat-face couplings (ISO 16028) with or without pressure eliminator

86 matching products



TLX couplings

Screw to connect | Heavy duty | Flat Face | Safety Lock | Connection under pressure

Flat-face twist-lock couplings for hydraulics

8 matching products



ADX Auto-dock couplings

Heavy duty | Flat Face | Auto-dock | Connection under pressure

Flat-face couplings for auto-dock solutions

38 matching products



Multi-X couplings

Heavy duty | Connection under pressure | Flat Face

Hand-operated multi-connection plates for hydraulics

153 matching products



WEO plug-in fittings

Hydraulic push-to-connect fittings

42 matching products



Nordic series couplings

Safety Lock | Poppet Type Coupling | Stainless steel

Hydraulic poppet type couplings

28 matching products



Snap-Check test point system

Connection under pressure

Quick connect hydraulic pressure testing nipples

150 matching products



Press-Check test point system

ISO 15171-2 | Connection under pressure

Screw-to-connect hydraulic pressure testing nipples

15 matching products



Nordic series accessories

Accessories

Seal kits and dust caps for the Nordic series hydraulic couplings



The recording of this webinar and this presentation are available for download on this website:

[CEJN-Webinar-Multi-X-Hubpage](#)



There you will also find links to

- the Multi-X product range
- our other hydraulic products
- our brochures
- Information where to buy the Multi-X



Thank you for your attention!

If you have any questions, please do not hesitate to contact us and we would be happy to receive your feedback.

You are welcome to post your questions in the chat during the next 10 minutes or contact me later.



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