

# Hose and cable reels

*– Top performance, durable design and easy to use*





*For professional use in industrial environments.*

# Meeting the needs of professional working environments

*– Efficiency, ease of use and durability.*

CEJN is renowned worldwide for its quick-connect solutions. Within the pneumatic segment, we are probably best known for our high flow – low pressure drop products. Regardless of segment – pneumatics, hydraulics, fluids or breathing air – all our products are based on functional design and extensive testing based on genuine usability conditions, ensuring exacting standards, long service life and low maintenance costs.

With experience from different segments and a wide range of applications and their individual demands, we know what is needed in each case – from reliable equipment that helps improve efficiency to products that improve energy savings.

Our corner stones – functional, reality based design and thorough testing – are used for developing CEJN hose and cable reels to match the demanding requirements of a modern workplace.

The distinct blue color and the hexagon shape sends a clear quality signal of high flow rate, low pressure drop and a sturdy construction. Designed and produced in Sweden, CEJN Hose and cable reels are the high quality choice for industries and workshops that want the best professional option on the market.



CEJN reels for pneumatic hoses, water hoses and electric cables, available in a variety of sizes.



**CEJN**

**Encased housing for prolonged service life.**

**A low pulling force makes the hose easy to roll out.**

**IMPROVED FEATURE**

**Efficient tool use with high flow performance.**

**Keeps work places clean and tidy and the tools always handy.**



Easy to install.

Move around freely and perform work where it's needed.

Adjustable spring force.

# Development with industrial reality in mind

*– Making work spaces work better*

**Industrial working environments** are often tough. The pace is high and everything has to work at all times. Equipment must withstand wear and tear from continuous use while constantly performing at high efficiency to maintain optimal productivity. Our well balanced hose and cable reels offer many benefits in providing a clean and efficient work space.

# Our solutions

– *Quality in every detail*

## REEL AND SPRING ASSEMBLY

The reel and spring assembly is designed, dimensioned and tested to withstand continuous unrolling and retracting of the hose. The design also allows for the spring force to be adjusted and adapted to different weight and balance requirements.

## ANGULAR FEEDER HOSE CONNECTION

An optimized flow geometry in the new angular feeder hose connection provides a substantial increase in flow rate and minimizes pressure drop. The new design also features an improved hose attachment. The metal clip keeps the hose firmly in place while making it easier to attach and detach the hose when needed.

## HOUSING

The sturdy exterior housing, made in durable plastic, protects the hose and the reel mechanism from dirt and debris. The housing is designed to withstand repeated blows from the stop ball or other objects in the working environment. The wide opening of the housing makes retraction smooth and easy in all environments.



## KINK PROTECTOR

The kink protector protects the hose end from wear and tear. The non-corrosive spring is placed just where it's needed to make sure the operator is protected in case of hose rupture.

## AXLE AND SWIVEL

The improved flow geometry in the axle is the key for creating the significant improvement in flow rate. The new design of the axle and swivel means increased inner dimensions which together with the new hose connection design optimized the flow geometry.



## STOP BALL

The stop ball, which hinders the hose from retracting too far into the reel, can be placed anywhere to adapt to the mounting height, making the hose and tool easy to reach.



#### CEJN QUICK-LOCK

Easy and simple installation with the new quick-lock feature. Position the guide bolt in the bracket (1) and push the locking plate in place to secure the reel (2). To remove the reel just push the locking plate to its unlocked position and push down the guide bolt.



## Performance

Developed with top performance in mind, eliminating obstructions and improving the flow, the redesigned feeder hose connection, axle and swivel gives an improved flow rate. The result is an increased tool performance, which makes work more efficient, contributing to better economy. The improved flow could even allow for a smaller hose size, making the hose easier to handle, while the pressure stays the same and tool performance is secured.

## Durability

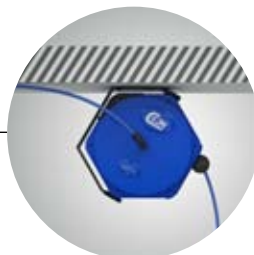
The housing for our reels is impact resistant and easy to keep clean. The reel and spring assembly is tested to endure hours of hard use, unrolling and retracting the hose, over and over again.

## Usability

Our reels swivel 300° making it possible to move around freely, performing all kinds of work. The reel only requires a low pulling force to adjust the hose to the position of the operator. The ability to adjust the spring force also contributes to efficient operation of the hose. The possibility to detach the reel from the mounting bracket makes installation and service quick and easy.

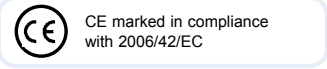
#### STREAM-LINE CONNECTION

The CEJN Stream-Line connections can be reused. Just dismount the Stream-line connection, cut the hose to the desired length and mount the air-tight connection back on again.



#### PLACEMENT

The reel is designed to be either wall or ceiling mounted.

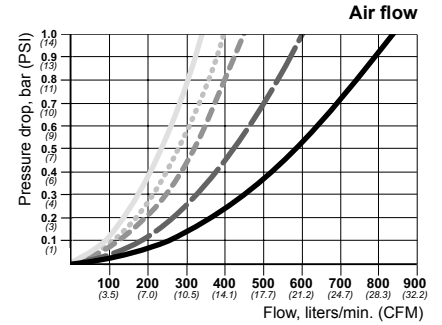


## Hose Reel – Compressed Air

### Technical Data

**Hose size (IDxOD mm)** ..... 6.5x10, 8x12, 9.5x13.5, 11x16  
**Hose** ..... Braided PUR  
**Reel diameter** ..... 330 mm, 430 mm  
**Feeder hose length** ..... 2 m (6.5 ft)  
**Max. working pressure** ..... Up to 16 bar (232 PSI)  
**Temperature range** ..... -20°C to +60°C (-4°F to +140°F)

- 19 911 501X
- 19 911 510X
- 19 911 10X0
- 19 911 512X
- 19 911 502X
- 19 911 513X



	Length	Part No.	Size ID x OD	Connection	Diameter	Weight	Working Pressure
Small reel	7 m	19 911 5020	8 x 12 mm	R 1/4"	330 mm	3.9 kg	16 bar / 232 PSI
	9 m	19 911 5010	6.5 x 10 mm	R 1/4"	330 mm	3.9 kg	16 bar / 232 PSI
Medium reel	10 m	19 911 1000	8 x 12 mm	R 1/4"	390 mm	5.5 kg	16 bar / 232 PSI
Large reel	10 m	19 911 5130	11.0 x 16.0 mm	R 1/2"	430 mm	6.6 kg	12 bar / 174 PSI
	14 m	19 911 5120	9.5 x 13.5 mm	R 1/4"	430 mm	6.6 kg	12 bar / 174 PSI
	16 m	19 911 5100	8 x 12 mm	R 1/4"	430 mm	6.6 kg	16 bar / 232 PSI
Large reel with anti-spark hose	14 m	19 911 5125	9.5 x 13.5 mm	R 1/4"	430 mm	6.6 kg	12 bar / 174 PSI

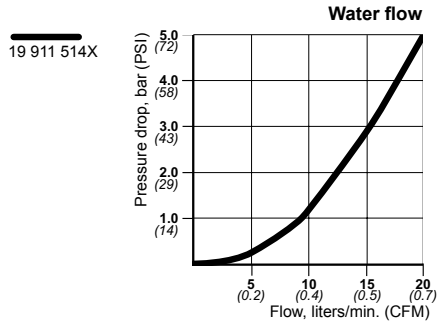
Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Working pressure is specified at 20°C (68° F). Thread connections are listed according to ISO Standards. Check with an authorized CEJN distributor for availability and prices.



## Hose Reel – Water

### Technical Data

**Hose size (IDxOD mm)** ..... 9.5x13.5  
**Hose** ..... Braided PUR  
**Reel diameter** ..... 430 mm  
**Feeder hose length** ..... 2 m (6.5 ft)  
**Max. working pressure** ..... 9 bar (130 PSI) at 20°C (68°F), 7 bar (102 PSI) at 60°C (140°F)  
**Temperature range** ..... +5°C to +60°C (+41°F to +140°F)



	Length	Part No.	Size ID x OD	Connection	Diameter	Weight	Working Pressure
Large reel	14 m	19 911 5140	9.5 x 13.5 mm	R 1/4"	430 mm	6.3	9 bar / 130 PSI

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Working pressure is specified at 20°C (68° F). Thread connections are listed according to ISO Standards. Check with an authorized CEJN distributor for availability and prices.

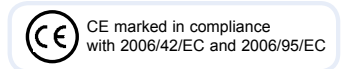




## Cable Reels - Electrical

### Technical Data

Cable.....	Rubber H07RN-F
Reel diameter.....	330 mm, 430 mm
Current.....	10 and 16 ampere
Voltage.....	230 V
Connections.....	Schuko and CH plug
Power output.....	1000 W (fully wound), 3500 W (fully unwound, 16 Ampere version)
Protection class.....	IP 23
Temperature range.....	+5°C to +60°C (+41°F to +140°F)



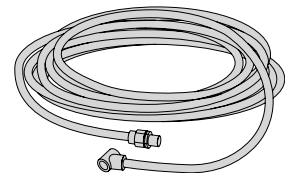
	Length	Part No.	Dimensions	Connection	Diameter	Current	Voltage	Weight
Small reel	10 m	19 911 5050	3 x 1.5 mm <sup>2</sup>	Schuko plug	330 mm	16 Amp	230 V	4.6 kg
		19 911 5052	3 x 1.5 mm <sup>2</sup>	CH plug	330 mm	10 Amp	230 V	4.6 kg
Large reel	17 m	19 911 5150	3 x 1.5 mm <sup>2</sup>	Schuko plug	430 mm	16 Amp	230 V	6.7 kg
		19 911 5152	3 x 1.5 mm <sup>2</sup>	CH plug	430 mm	10 Amp	230 V	6.7 kg

Check with an authorized CEJN distributor for availability and prices.

## Spare Parts Hose Reels

### Hose Assemblies

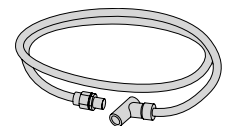
The hose in the compressed air and water reels can be replaced with new hose to further improve the service life of the reel.



ID x OD	Length	Suitable for	Part No.
6.5 x 10	9 m	19 911 5010	19 911 5220
8 x 12	7 m	19 911 5020	19 911 5219
		19 911 1000	19 911 5225
		19 911 5100	19 911 5218
9.5 x 13.5	14 m	19 911 5120	19 911 5216
		19 911 5125 - Anti-spark	19 911 5223
		19 911 5140 - Water	19 911 5232
11 x 16	10 m	19 911 5130	19 911 5221

### Feeder Hose

The feeder hose to the compressed air and water reels can be replaced with new hose to further improve the service life of the reel.



ID x OD	Length	Suitable for	Part No.
8 x 12	2 m	19 911 5010	19 911 5217
		19 911 5020	19 911 5217
		19 911 5100	19 911 5217
		19 911 1000	19 911 5217
9.5 x 13.5	2 m	19 911 5120	19 911 5215
		19 911 5125 - Anti-spark	19 911 5224
		19 911 5140 - Water	19 911 5231
11 x 16	2 m	19 911 5130	19 911 5222

# Complete your hose reel with other products from CEJN

By using CEJN only components throughout there will be no leakage and minimal pressure drop, simply because our components are designed to work together. The efficiency is improved and the compressor doesn't have to work as hard, resulting in a reduced energy consumption - which saves money and helps the environment too.

**CEJN Couplings** for connection, disconnection and operation without air loss, when connecting piping/hose, hose/reel and reel/tool.



Part no. Coupling	Description	Part no. Nipple	Description
10 320 1004	Hose connection 10 mm (3/8")	10 315 5152	R 1/4", Male thread
10 320 1155	R 1/2", Male thread	10 320 5155	R 1/2", Male thread
10 320 1205	G 1/2", Female thread	10 320 5202	G 1/4", Female thread
10 320 3155	Safety, R 1/2", Male thread	10 320 5205	G 1/2", Female thread
10 320 3205	Safety, G 1/2", Female thread		

**CEJN Hoses and Hose Kits** have extremely smooth internal surfaces, which contribute to a high flow rate. The use of polyurethane makes it possible to use a thin-wall design that increases the flow rate even more.



Part no.	Description
19 958 1200	Straight braided hose, 8 x 12 mm, 100 m per roll
19 958 1370	Straight braided hose, 9.5 x 13.5 mm, 50 m per roll
19 958 9904	Spiral hose kit with 320 coupling and nipple, 6.5 x 10 mm, 4 m
19 958 9912	Spiral hose kit with 320 coupling and nipple, 6.5 x 10 mm, 6 m

**CEJN Filtration, Regulation, and Lubrication (FRL) range** offers quality products for ensuring reliable, compressed air performance. The range includes filters, regulators, filter/regulators, lubricators and accessories. CEJN FRL products are offered in 1/8-inch through 1-inch thread connection sizes. They are easy to assemble and maintain and can be top- or side-mounted.



Part no.	Description
19 903 5605	Filter/regulator, 25 µm + Lubricator
19 903 5405	Filter/regulator, 25 µm
19 903 5205	Regulator
19 903 5510	Mounting brackets

**CEJN Multi-Link System** makes it easy to add more outlets in an orderly and compact fashion. For use in applications with multiple outlets, the modular air manifold system provides a neatly arranged system, ideal for both compressed air supply points in new setups and to clean up existing cluttered areas.



Part no.	Description
19 902 9932	2 outlets with Series 320 Safety couplings
19 902 9933	3 outlets with Series 320 Safety couplings
19 902 9912	2 outlets with Series 320 Standard couplings
19 902 9913	3 outlets with Series 320 Standard couplings

**CEJN Blowguns** generate a high blowing force. The blowguns have ergonomic controls and are 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.



Part no.	Description
11 208 0100	Blowgun with 90 mm fixed tube
11 208 3100	Blowgun with 90 mm fixed safety tube, Star Tip
11 208 0200	Blowgun with 90 mm removable tube



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



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For more technical information about the products and an overview of the complete product range go to [www.cejn.com](http://www.cejn.com)



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