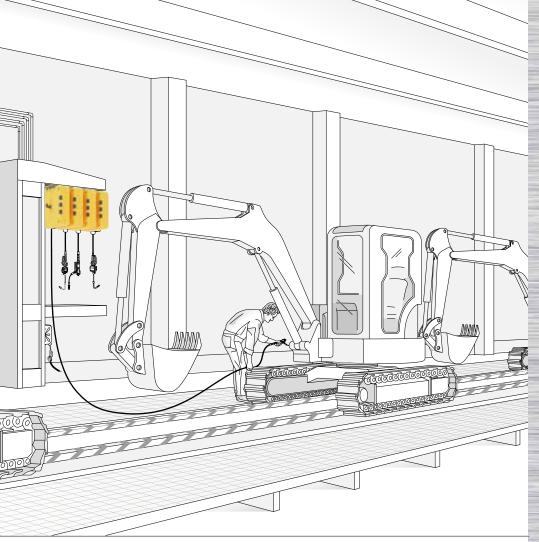


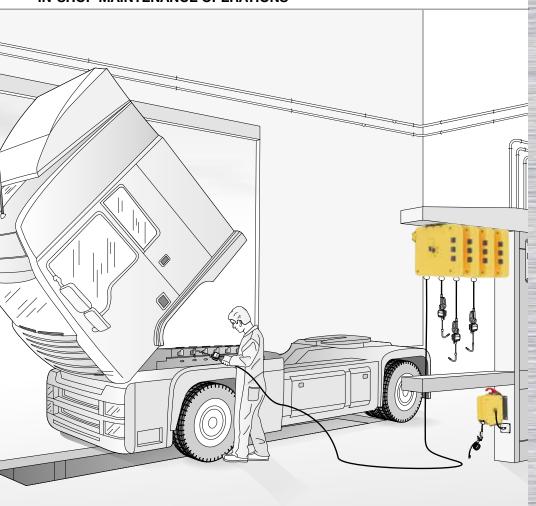
### **ENCLOSED HOSE REELS**





#### **GREASING EXCAVATORS ON ASSEMBLY LINES**

**IN-SHOP MAINTENANCE OPERATIONS** 



## EXAMPLES OF USE

**AUTOMOTIVE** 

LUBE TRUCKS AND INDUSTRIAL VEHICLES

MINING INDUSTRY

BUILDING AND ROAD CONSTRUCTION

RAILWAY TRANSPORT

...and much more



## SPRING OPERATED ENCLOSED HOSE REELS

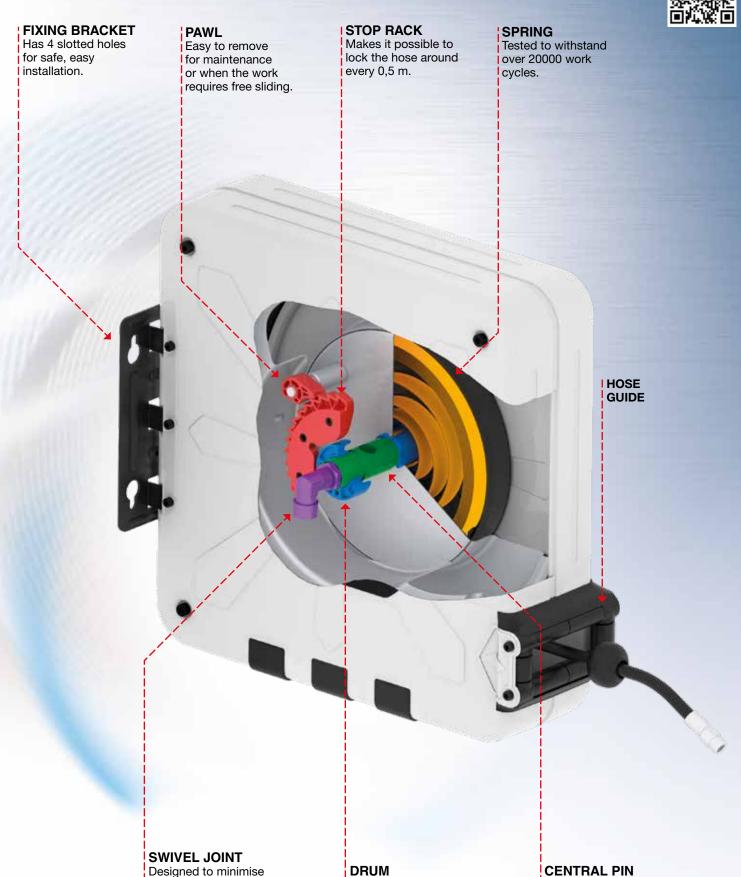
### STRENGTH POINTS

- Repeated spring stress-tests guarantees decades of life and efficiency.
- All models comply with the ATEX directive for use in environments with potentially explosive atmospheres.
- Hose guide with rollers on 4 sides, horizontal and vertical, standard on all models, designed to extend average hose life.
- Hose stop available for all standard models, even those supplied without hose.
- The spring force is both constant and adjustable. Thus use can be fine-tuned to the specific needs of each application.
- All sliding parts, such as bushing and the rack, are made of special technopolymers tested for long-term use.

### **TECHNICAL**

### Visit our website

### **CHARACTERISTICS**



**SUPPORT** 

**BUSHING** 

Made of self-lubricating

corrosion resistance.

technopolymer with excellent

load losses. Available

in different materials to

range of fluids.

ensure maximum chemical

compatibility with a wide

#### 50

Designed to minimise load

losses. Available in different

materials to ensure maximum

chemical compatibility with a

wide range of fluids.

Hose reel **ENCLOSED**  Pressure 20-150 400-600 bar Material

- PAINTED STEEL
- ABS





Enclosed hose reels are used for the following fluids:	Hoses	Connections	Seals	Swivel joint	Central pin
AIR-WATER 20 bar	black rubber	galvanized steel	Viton®	brass	galvanized steel
OIL AND SIMILAR 150 bar	black rubber	galvanized steel	polyurethane	galvanized steel	galvanized steel
FOR SUCTION OF OIL AND SIMILAR	black rubber	galvanized steel	Viton®	brass	galvanized steel
GREASE 400-600 bar	black rubber	galvanized steel	polyurethane	galvanized steel	galvanized steel
COVER COLOURS Painted					

0	verall dimens	ions (mm)	Se
Δ.	<u> </u>	<u> </u>	
		5	S

Series 450	Α	В	С	D	Е	F	G	Н	ı	Packaging (mm) W x D x H	
FIXED	217	177	180	236	217	140	485	495	485	600	620 x 290 x 620
SWIVEL.	208	162	118	164	208	140	485	575	485		620 x 290 x 620
	Aug. 1.11. 5. 1. 11. 1.1. 1.1.										

(W: width - D: depth - H: height)

	P	'N	Hose supplied	Conne	ection	Weight	
[	fixed	swivelling	nose supplied	inlet	outlet	fixed	swivelling

	RASSU	
w		







				AIR-WAT	ER 20 bar				
	8450.100	8440.100	without	hose *	G 1/2" (f)	G 1/2" (f)	22,2 kg	23,0 kg	
	8450.101	8440.101	12 m - 3/8"	(995.212)	G 1/2" (f)	G 3/8" (m)	24,7 kg	25,5 kg	
s. 450	8450.102	8440.102	18 m - 3/8"	(995.218)	G 1/2" (f)	G 3/8" (m)	25,4 kg	26,2 kg	
	8450.103	8440.103	10 m - 1/2"	' (996.210)	G 1/2" (f)	G 1/2" (m)	25,2 kg	26,0 kg	
	8450.104	8440.104	15 m - 1/2"	' (996.215)	G 1/2" (f)	G 1/2" (m)	26,1 kg	26,9 kg	
* Hose reel capacity		inner hose ø max. length	5/16" 20 m	3/8" 20 m	1/2" 16 m				
	9450.100	-	without	hose *	G 1/2" (f)	G 1/2" (f)	19,5 kg	-	
s. 450	9450.101	-	12 m - 3/8"	' (995.212)	G 1/2" (f)	G 3/8" (m)	22,0 kg	-	
ABS	9450.102	-	18 m - 3/8"	(995.218)	G 1/2" (f)	G 3/8" (m)	22,7 kg	-	
drum	9450.103	-	10 m - 1/2"	(996.210)	G 1/2" (f)	G 1/2" (m)	22,5 kg	-	
	9450.104	-	15 m - 1/2"	' (996.215)	G 1/2" (f)	G 1/2" (m)	23,4 kg	-	
* Hose r	eel capacity	inner hose ø max. length	5/16" 20 m	3/8" 20 m	1/2" 16 m				
			OIL AND SIMILAR 150 bar						
	8450.400	8440.400	without	hose *	G 1/2" (f)	G 1/2" (f)	22,2 kg	23,0 kg	
s. 450	8450.401	8440.401	10 m - 1/2"	(996.310)	G 1/2" (f)	G 1/2" (m)	26,4 kg	27,2 kg	
	8450.402	8440.402	15 m - 1/2"	' (996.315)	G 1/2" (f)	G 1/2" (m)	28,4 kg	29,2 kg	
* Hose r	eel capacity	inner hose ø max. length	5/16" 20 m	3/8" 20 m	1/2" 16 m				
s. 450	9450.400	-	without	hose *	G 1/2" (f)	G 1/2" (f)	19,5 kg	-	
ABS	9450.401	-	10 m - 1/2"	(996.310)	G 1/2" (f)	G 1/2" (m)	23,7 kg	-	
drum	9450.402	-	15 m - 1/2"	' (996.315)	G 1/2" (f)	G 1/2" (m)	25,7 kg	-	
* Hose r	eel capacity	inner hose ø max. length	5/16" 20 m	3/8" 20 m	1/2" 16 m				

	FOR SUCTION OF OIL AND SIMILAR									
s. 450 for suction	8450.401/AS	8440.401/AS	10 m - 1/2	" (996.310)	G 1/2" (f)	G 1/2" (m)	27,0 kg	27,8 kg		
* Hose reel capacity		inner hose ø max. length	5/16" 10 m	3/8" 10 m	1/2" 10 m					

GREASE 400-600 bar

<b>s. 450</b> 600 bar	8450.500	8440.500	without hose *	G 3/8" (f)	G 1/2" (f)	22,2 kg	23,0 kg
	8450.501	8440.501	12 m - 1/4" (993.512)	G 3/8" (f)	G 1/4" (m)	25,9 kg	26,7 kg
s. 450	8450.502	8440.502	18 m - 1/4" (993.518)	G 3/8" (f)	G 1/4" (m)	27,6 kg	28,4 kg
400 bar	8450.505	8440.505	10 m - 3/8" (995.710)	G 3/8" (f)	G 1/4" (m)	26,8 kg	27,6 kg
	8450.506	8440.506	15 m - 3/8" (995.715)	G 3/8" (f)	G 1/4" (m)	28,6 kg	29,4 kg
* Hose reel capacity		inner hose ø max. length	5/16" 3/8" 12 m 15 m				
s. 450 ABS drum	9450,500						
600 bar		-	without hose *	G 3/8" (f)	G 1/2" (f)	19,5 kg	-
	9450.501	-	12 m - 1/4" (993.512)	G 3/8" (f) G 3/8" (f)	G 1/2" (f) G 1/4" (m)	19,5 kg 23,2 kg	-
600 bar	9450.501 9450.502	- -		.,	(,	, 0	- - -
600 bar		- - -	12 m - 1/4" (993.512)	G 3/8" (f)	G 1/4" (m)	23,2 kg	- - -

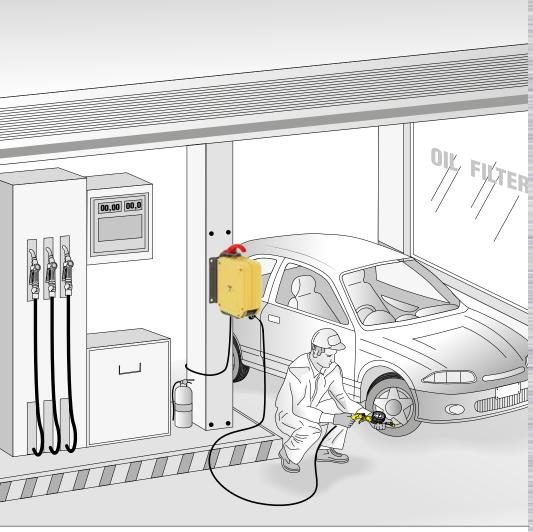
1/2"

16 m



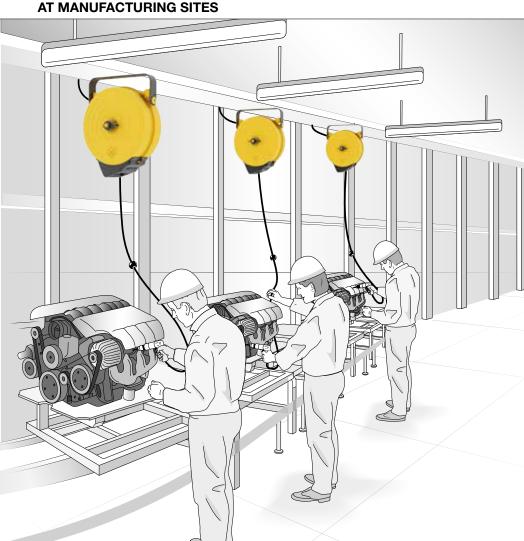
## HOSE REELS WITH POLYURETHANE HOSE





#### **RESTORE OPERATING PRESSURE IN SERVICE STATIONS**

POWERING PNEUMATIC EQUIPMENT AT MANUFACTURING SITES



## EXAMPLES OF USE

**AUTOMOTIVE** 

**CLEANING** 

SHIPPING AND OFFSHORE

MANUFACTUR-ING INDUSTRY

BUILDING AND ROAD CONSTRUCTION

...and much more



## HOSE REELS WITH POLYURETHANE HOSE



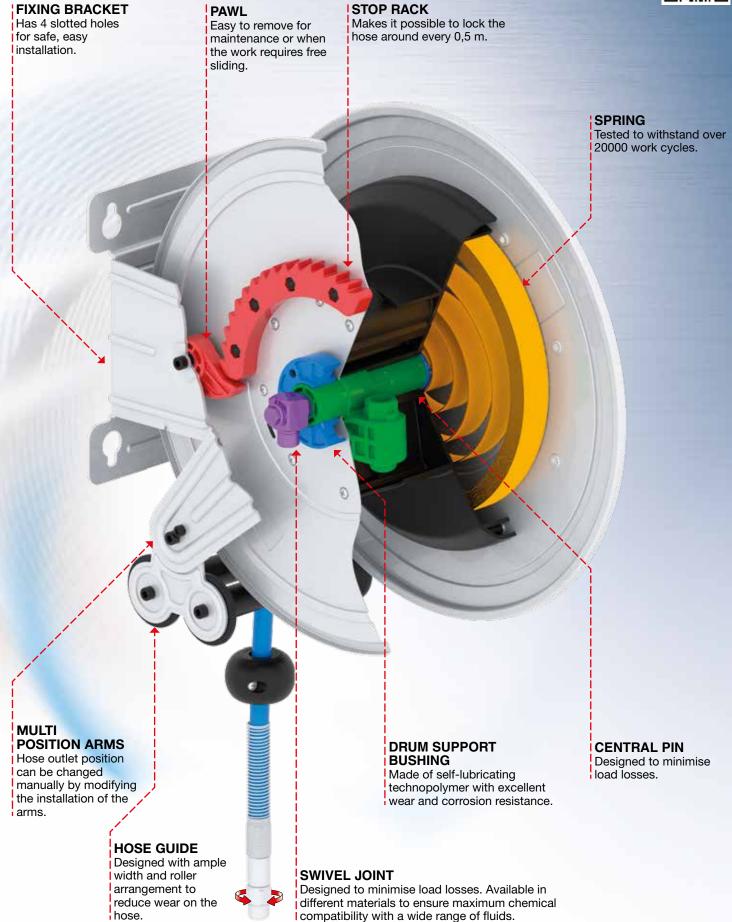
- Repeated spring stress-tests guarantees decades of life and efficiency.
- All models comply with the ATEX directive for use in environments with potentially explosive atmospheres.
- Hose stop available for all standard models, even those supplied without hose.
- The spring force is both constant and adjustable. Thus use can be fine-tuned to the specific needs of each application.
- All sliding parts, such as bushing and the rack, are made of special technopolymers tested for long-term use.
- Light, resistant polyurethane hose with metal spiral tips to safeguard durability and integrity.

### TECHNICAL

#### Visit our website



### CHARACTERISTICS



hose.

WITH SPRING

- PAINTED STEEL - ABS



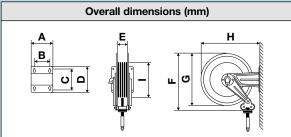


\* can be rendered swivelling (except for s. 250) by using the special bracket, see page 81.

	Hoses	Connections	Seals	Swivel joint	Central pin
S. 250		brass	Viton®	Delrin® - brass	Delrin®
S. 290-330-390	Atoxic polyurethane			brass	nylon PA6
S. 430				brass	galvanized steel
			0		

#### **DRUM COLOURS**

Painted



Series	Α	В	С	D	E	F	G	Н	ı	Packaging (mm) W x D x I	
250	186	140	196	225	90	-	255	282	110		330 x 200 x 300
290	186	140	196	226	98	330	300	339	135		470 x 260 x 490
330	186	140	196	226	98	390	350	365	155	B 883	510 x 260 x 520
390	186	140	196	226	98	410	390	410	155		580 x 280 x 590
430	186	140	197	226	97	450	415	456	264		580 x 280 x 590



(W: width - D: depth - H: height)

P/N	Hose supplied	Conne	Weight	
F/N	nose supplied	inlet	outlet	Weight



s. 250 ABS		HOSE REEL FOR SERVICE COLUMNS WITH STEEL BRACKET AND ABS DRUM										
	92438.101	12 m - 8 x 12 mm (971.112)	G 3/8" (m)	G 1/4" (m)	7,6 kg							
	92438.102	10 m - 10 x 14,5 mm (972.110)	G 3/8" (m)	G 3/8" (m)	7,8 kg							

Hose guide available as accessory, see page 83



	8288.100	without hose *	G 3/8" (m)	G 3/8" (f)	9,5 kg
	8288.102	13 m - 10 x 14,5 mm (972.113)	G 3/8" (m)	G 3/8" (m)	11,3 kg
s. 290	8288.103	15 m - 8 x 12 mm (971.115)	G 3/8" (m)	G 1/4" (m)	11,0 kg
	8288.104	10 m - 6 x 10 mm (971.010)	G 3/8" (m)	G 1/4" (m)	10,5 kg
	8288.105	15 m - 6 x 10 mm (971.015)	G 3/8" (m)	G 1/4" (m)	10,9 kg

\* Hose reel capacity

inner hose ø	8 x 12	10 x 14,5
max length	16 m	14 m



	8328.100	without hose *	G 3/8" (m)	G 3/8" (f)	10,1 kg
	8328.102	15 m - 10 x 14,5 mm (972.115)	G 3/8" (m)	G 3/8" (m)	12,1 kg
s. 330	8328.103	18 m - 8 x 12 mm (971.118)	G 3/8" (m)	G 1/4" (m)	11,8 kg
	8328.104	8 m - 13 x 19 mm (976.108)	G 1/2" (m)	G 1/2" (m)	12,0 kg
	8328.105	12 m - 13 x 19 mm (976.112)	G 1/2" (m)	G 1/2" (m)	15,9 kg

\* Hose reel capacity inne

1111161 11026 0	0 X 12	10 X 14,5	13 X 19	ł
max. length	18 m	16 m	12 m	



	8378.100	without hose *	G 3/8" (m)	G 3/8" (f)	13,5 kg
	8378.102	20 m - 10 x 14,5 mm (972.120)	G 3/8" (m)	G 3/8" (m)	18,2 kg
s. 390	8378.103	20 m - 8 x 12 mm (971.120)	G 3/8" (m)	G 1/4" (m)	15,4 kg
	8378.104	10 m - 13 x 19 mm (976.110)	G 1/2" (m)	G 1/2" (m)	16,6 kg
	8378.105	15 m - 13 x 19 mm (976.114)	G 1/2" (m)	G 1/2" (m)	17,0 kg

\* Hose reel capacity

el capacity	inner nose ø	8 x 12	10 x 14,5	13 x 19
elicapacity	max. length	18 m	16 m	12 m



	8430.100	without hose *	G 1/2" (f)	G 1/2" (f)	15,2 kg
s. 430	8438.101	10 m - 13 x 19 mm (976.111)	G 1/2" (f)	G 1/2" (m)	18,3 kg
	8438.102	15 m - 13 x 19 mm (976.115)	G 1/2" (f)	G 1/2" (m)	18,9 kg

\* Hose reel capacity —

inner hose ø	10 x 14,5	13 x 19	16 x 27
max length	20 m	16 m	14 m

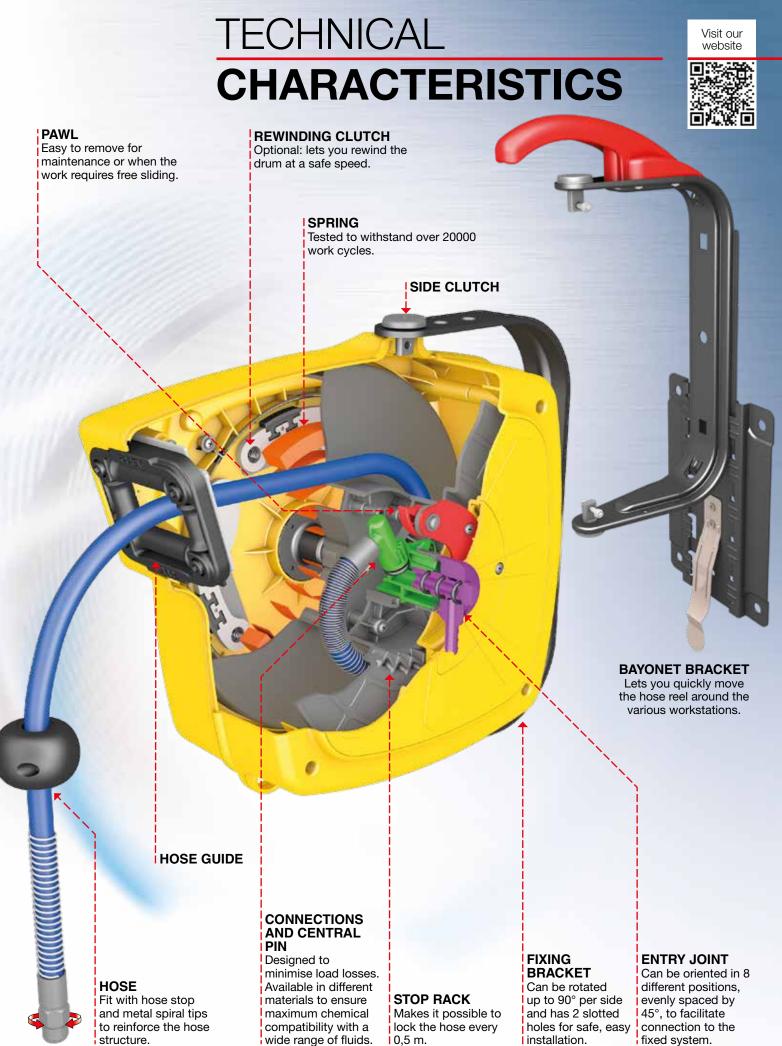


### HOSE REELS WITH TECHNOPOLYMER COVER AND POLYURETHANE HOSE



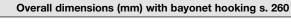
### STRENGTH POINTS

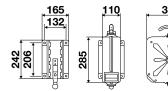
- Comes standard with polyurethane hose that can be used with aqueous or detergent solutions at up to 70 °C.
- Hose guide with rollers, horizontal and vertical, on 4 sides, designed to extend average hose life, as standard on all models.
- The hose reel comes with a 1,5 m section of hose for connection to the fixed system.
- The standard swivelling bracket, with slotted fixing holes, has special seals that act as a clutch. The bracket can also be locked in the upright position or rotated 90°.
- An optional rewind clutch is available, useful to protect against accidental, uncontrolled rewinding of the hose.
- An optional bayonet bracket, which lets you quickly move the hose reel around the various workstations, is also available.





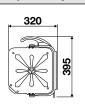






ABS s. 260

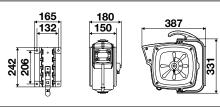
Polypropylene s. 280





**Packaging** (mm) W 470 x D 260 x H 490

#### Overall dimensions (mm) with bayonet hooking s. 280



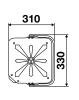


**Packaging** (mm) W 470 x D 260 x H 490

#### Overall dimensions (mm) without bayonet hooking s. 260









#### Overall dimensions (mm) without bayonet hooking s. 280









**Packaging** (mm) L 470 x P 260 x H 490





	WITH SWIVELLING WALL MOUNTED BRACKET WITH BAYONET HOOKING						
000	89010	11 m - 8 x 12 mm (971.111)	G 1/4" (m)	G 1/4" (m)	6,5 kg		
s. 260	89011	11 m - 6 x 10 mm (971.011)	G 1/4" (m)	G 1/4" (m)	7,3 kg		



	WITH SWIVELLING WALL MOUNTED BRACKET					
- 000	89109	11 m - 8 x 12 mm (971.111)	G 1/4" (m)	G 1/4" (m)	5,8 kg	
s. 260	89110	11 m - 6 x 10 mm (971.011)	G 1/4" (m)	G 1/4" (m)	5,6 kg	



	WITH SWIVELLING WALL MOUNTED BRACKET					
	92808.101	10 m - 8 x 12 mm (971.110)	G 3/8" (m)	G 1/4" (m)	8,2 kg	
s. 280	92808.102	14 m - 8 x 12 mm (971.114)	G 3/8" (m)	G 1/4" (m)	8,5 kg	
	92808.105	8+1 m - 10 x 14,5 mm (972.109)	G 3/8" (m)	G 3/8" (m)	8,6 kg	



	WITH SWIVELLING WALL MOUNTED BRACKET AND SPEED CONTROL					
	92848.101	10 m - 8 x 12 mm (971.110)	G 3/8" (m)	G 1/4" (m)	9,0 kg	
s. 280	92848.102	14 m - 8 x 12 mm (971.114)	G 3/8" (m)	G 1/4" (m)	9,3 kg	
	92848.105	8+1 m - 10 x 14,5 mm (972.109)	G 3/8" (m)	G 3/8" (m)	9,4 kg	



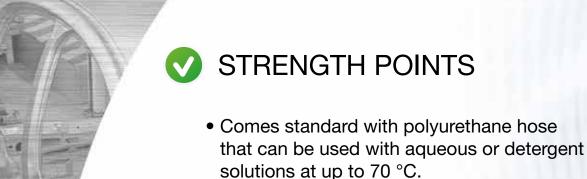
WITH SWIVELLING WALL MOUNTED BRACKET WITH BAYONET HOOKING									
	92818.101	10 m - 8 x 12 mm (971.110)	G 3/8" (m)	G 1/4" (m)	8,8 kg				
s. 280	92818.102	14 m - 8 x 12 mm (971.114)	G 3/8" (m)	G 1/4" (m)	9,1 kg				
	92818.105	8+1 m - 10 x 14,5 mm (972.109)	G 3/8" (m)	G 3/8" (m)	9,2 kg				



	WIIII SWIV	ELLING WALL MOUNTED BRACKET	WITH BATO	NET AND SP	EED CONTROL
	92858.101	10 m - 8 x 12 mm (971.110)	G 3/8" (m)	G 1/4" (m)	9,6 kg
s. 280	92858.102	14 m - 8 x 12 mm (971.114)	G 3/8" (m)	G 1/4" (m)	9,9 kg
	92858.105	8+1 m - 10 x 14,5 mm (972.109)	G 3/8" (m)	G 3/8" (m)	10,0 kg



# HOSE REELS IN STEEL WITH POLYURETHANE HOSE

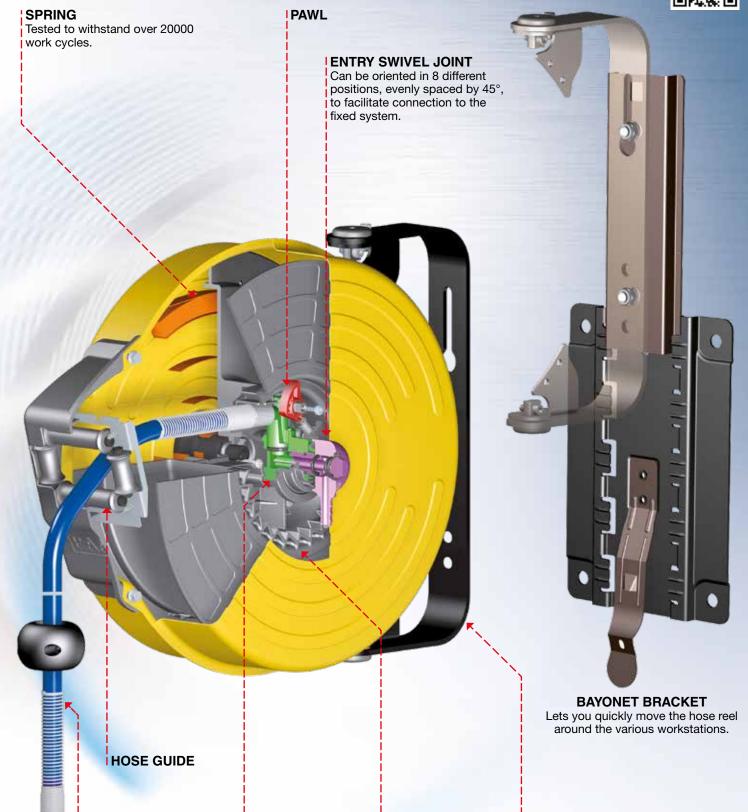


- In the versions with stainless steel cover, the hose fittings, spiral protections and swivel joint are supplied, as standard in AISI 304
- joint are supplied as standard in AISI 304 stainless steel.
- All models comply with the ATEX directive for use in environments with potentially explosive atmospheres.
- Hose guide with rollers, horizontal and vertical, on 4 sides, designed to extend average hose life, as standard on all models.
- The hose reel comes with a 1,5 m section of hose for connection to the fixed system.
- The standard swivelling bracket, with slotted fixing holes, has special seals that act as a clutch. The bracket can also be locked in the upright position or rotated 90°.

### **TECHNICAL**

Visit our website

### CHARACTERISTICS



#### HOSE

Fit with hose stop and metal spiral tips to reinforce the hose structure.

#### CENTRAL PIN

Designed to minimise load losses.

#### **STOP RACK**

Makes it possible to lock the hose around every 0,5 m.

#### FIXING BRACKET

Can be rotated up to 90° per side and has 2 slotted holes for safe, easy installation.

WITH SPRING

- PAINTED STEEL - AISI 304 S. STEEL







Painted

	Hoses	Connections	Seals	Swivel joint	Central pin
Painted steel	Atoxic polyurethane	brass	Viton®	Delrin <sup>®</sup> - brass	Delrin <sup>®</sup>
AISI 304 stainless steel	Atoxic polyurethane	AISI 304 stainless steel	Viton®	Delrin® - AISI 304 stainless steel	Delrin <sup>®</sup>
			0		

Ove	Overall dimensions (mm)					
	G					
<b>A</b>	H	<u>к</u> М				
1		N				

Series	Α	В	С	D	E	F	G	H	ı	L	М	N	Packaging (mm) W x D x H	
250	40	319	210	130	20	20	173	124	62	281	338	230	1 80°	370 x 200 x 370
300	40	319	210	130	20	20	173	124	62	333	416	308		385 x 200 x 415

(W: width - D: depth - H: height)



	P/N	Hose cumplied	Conne	Weight							
	F/IN	Hose supplied	inlet	outlet	Weigiit						
	PAINTED STEEL										
o 050	92608.101	12 m - 8 x 12 mm (971.112)	G 3/8" (m)	G 1/4" (m)	7,0 kg						
s. 250	92608.102	10 m - 10 x 14,5 mm (972.110)	G 3/8" (m)	G 3/8" (m)	7,3 kg						

s. 300	93108.102	12 m - 8 x 12 mm (971.112)	G 3/8" (m)	G 1/4" (m)	8,6 kg
	93108.103	15 m - 8 x 12 mm (971.116)	G 3/8" (m)	G 1/4" (m)	8,8 kg
	93108.104	20 m - 8 x 12 mm (971.121)	G 3/8" (m)	G 1/4" (m)	9,0 kg
	93108.105	12 m - 10 x 14,5 mm (972.112)	G 3/8" (m)	G 3/8" (m)	8,9 kg
	93108.106	15 m - 10 x 14,5 mm (972.116)	G 3/8" (m)	G 3/8" (m)	9,3 kg



	AISI 304 STAINLESS STEEL									
s. 250	92708.101	12 m - 8 x 12 mm (981.112)	G 3/8" (m)	G 1/4" (m)	7,0 kg					
	92708.102	10 m - 10 x 14,5 mm (982.110)	G 3/8" (m)	G 3/8" (m)	7,3 kg					

