

Series



500
manual



600
powered



700
manual



700
electric 24 V DC



700
electric 230 V AC
- 50/60 Hz



700
hydraulic



700
pneumatic



S. 617

S. 637

Resistant with the corrosion: all the components are painted (painting with epoxy powder coating, thickness min. 80µ), or finished with a galvanic treatment, ideal to work externally. Hose unwinding must be done manually by the operator, while hose rewinding is done by the hydraulic motor. A special device works as brake/clutch to regulate the speed of hose unwinding and rewinding.

Fluid - Pressure Part in contact with the fluid	S. 617 P/N	Connection		S. 637 P/N	Connection	
		Inlet	Outlet		Inlet	Outlet
Air - Water 20 bar - brass swivel joint - Viton® seals - central shaft galvanized steel	617/100	F 1" G	F 1" G	637/100	F 1" G	F 1" G
Water max 130°C 100 bar - s. steel AISI 304 swivel joint - Viton® seals - central shaft galvanized steel	617/200	F 1" G	F 1" G	637/200	F 1" G	F 1" G
Oil and similar 150 - 400 bar - galvanized steel swivel joint - PU seals - central shaft galvanized steel	617/400	F 1" G	F 1" G	637/400	F 1" G	F 1" G
Grease 400 bar - galvanized steel swivel joint - PU seals - central shaft galvanized steel	617/500	F 1" G	F 1" G	637/500	F 1" G	F 1" G
Diesel fuel 10 bar - brass swivel joint - Viton® seals - central shaft galvanized steel	617/600	F 1.1/2" G	F 1.1/2" G	637/600	F 1.1/2" G	F 1.1/2" G

Series 600

PNEUMATIC



S. 618



S. 638

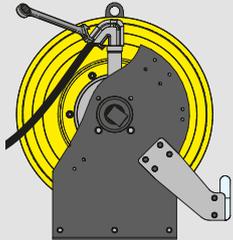
Resistant with the corrosion: all the components are painted (painting with epoxy powder coating, thickness min. 80µ), or finished with a galvanic treatment, ideal to work externally. Hose unwinding must be done manually by the operator, while hose rewinding is done by the pneumatic motor. A special device works as brake/clutch to regulate the speed of hose unwinding and rewinding.

Fluid - Pressure Part in contact with the fluid	S. 618 P/N	Connection		S. 638 P/N	Connection	
		Inlet	Outlet		Inlet	Outlet
Air - Water 20 bar - brass swivel joint - Viton® seals - central shaft galvanized steel	618/100	F 1" G	F 1" G	638/100	F 1" G	F 1" G
Water max 130°C 100 bar - s. steel AISI 304 swivel joint - Viton® seals - central shaft galvanized steel	618/200	F 1" G	F 1" G	638/200	F 1" G	F 1" G
Oil and similar 150 - 400 bar - galvanized steel swivel joint - PU seals - central shaft galvanized steel	618/400	F 1" G	F 1" G	638/400	F 1" G	F 1" G
Grease 400 bar - galvanized steel swivel joint - PU seals - central shaft galvanized steel	618/500	F 1" G	F 1" G	638/500	F 1" G	F 1" G
Diesel fuel 10 bar - brass swivel joint - Viton® seals - central shaft galvanized steel	618/600	F 1" G	F 1" G	638/600	F 1" G	F 1" G

Hose reel capacity

Hose external diameter	Hose reel series	
	617-618	637-638
ø 22 mm	length max. 50 m	length max. 100 m
ø 28 mm	length max. 30 m	length max. 60 m
ø 34 mm	length max. 20 m	length max. 40 m
ø 44 mm	length max. 15 m	length max. 30 m
ø 50 mm	length max. 10 m	length max. 20 m

Hose reel outlet hose connection

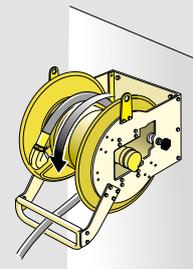
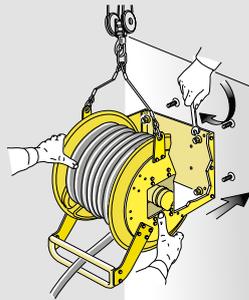
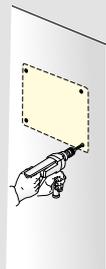


Series	Inlet	Outlet
617-618	F 1"	F 1" - 1.1/2"
637-638	F 1"	F 1" - 1.1/2"

The hose reel structure is designed also to facilitate the mounting and the disassembly of the hose.

Wall mounting

After choosing the ideal position, checking the consistency and thickness of the wall, marking the holes for the plugs (see template supplied with the hose reel) and making sure they do not interfere with hydraulic pipes or electrical wires, proceed with drilling. Fix the plugs in the wall and insert the hose reel in the special seats. Tighten the 4 fixing nuts.



Technical characteristics

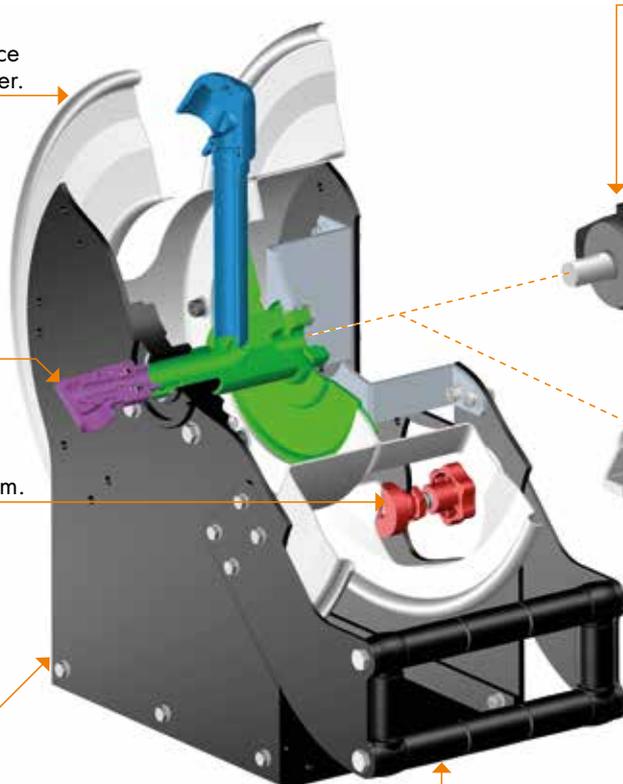
The **drum**, in painted steel or in painted steel, is sturdy and practical, with beads to reinforce the structure and rounded border.

Swivel joint with ideal internal dimensions to guarantee the most possible flow. It is realized, depending on the model, in brass, galvanize steel and stainless steel AISI 304, with seals in Polyurethane, Viton® and Teflon®.

Adjustable **brake/clutch** for correct hose unwinding and rewinding. When necessary brake may block totally the drum.

The **painting** is highly resistant to atmospheric agents and impacts. The painted products undergo "saline mist resistance" corrosion testing according to UNI 9227 standards.

Large and **multidirectional roller guide** with self lubricating hose guide rollers.

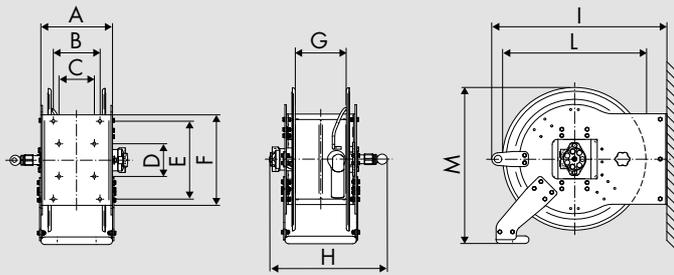


Hydraulic motor	
Max torque	190 Nm
Max Power	11 Kw
Max feeding pressure	140 bar (continuous) 175 bar (for short period)
Max oil consumption	75 l/min

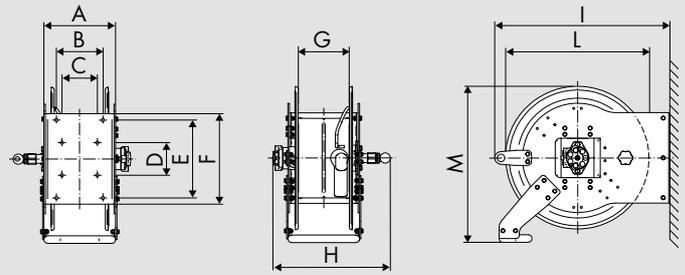
Pneumatic motor	
Variable speed	From 300 to 3000 gpm
Feeding pressure	7 bar
Max power	1.5 Kw
Max Torque	6,3 Nm
Air consumption	130 m³/h

Overall dimensions (mm)

hydraulic



pneumatic

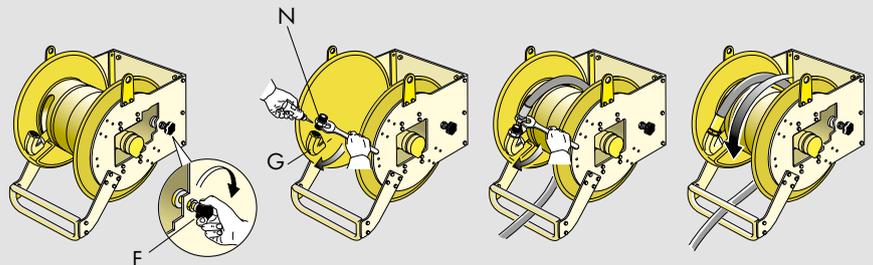


Series	A	B	C	D	E	F	G	H	I	L	M	1-m ³	Kg
617	283	185	140	130	310	360	220	463	692	570	621	0,310	55 ÷ 86
637	467	370	140	130	310	360	400	649	692	570	621	0,473	75 ÷ 137

Series	A	B	C	D	E	F	G	H	I	L	M	1-m ³	Kg
618	283	185	140	130	310	360	220	555	692	570	621	0,310	51 ÷ 82
638	467	370	140	130	310	360	400	740	692	570	621	0,473	71 ÷ 33

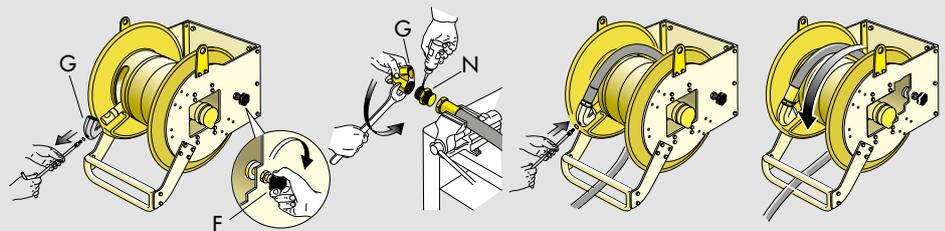
Fitting of hose on hydraulic or air motor-operated hose reels with 1" connector

Before carrying out the operation, make sure the hose reel drum is locked by means of the parking brake F. Screw one Nipple N on the outlet elbow G. Apply the hose on Nipple N.



Fitting of hose on hydraulic motor-operated hose reels with 1.1/2" connector

Before carrying out the operation, make sure the hose reel drum is locked by means of the parking brake F. Remove the outlet elbow G. Screw one Nipple N on the outlet elbow G. Screw the hose on nipple N. Hose with connections 1.1/2" must be connect directly to the elbow G. Refit the outlet elbow G with the assembled parts.



Hydraulic and air motor-operated hose reel feed

The hydraulic motor-operated hose reels are fed, by means of a control, by an electric control unit (control and control unit not supplied).

The air motor-operated hose reels are fed, by means of a control, with direct connection to the compressed air system (control not supplied).

HYDRAULIC MOTOR-OPERATED

Max torque 190 Nm, max power 11 KW,
Max feeding pressure 140 bar (continuous),
and 175 bar (for short period),
Max oil consumption 75 l/min.

PNEUMATIC MOTOR-OPERATED

Variable speed from 300 to 3000 gpm,
Feeding pressure 7 bar,
Max power 1.5 KW,
Max Torque 6.3 Nm,
Air consumption 130 m³/h.

