ReCoila
HOSE AND CORD REELS

C SERIES REELS

Heavy duty, multi-purpose hand crank and motorised hose reels.



www.recoila.com.au

ENGINEERED CONFIDENCE.

For over 40 years, ReCoila has been manufacturing high quality hose reels for firefighting, mining, fluid transfer, fuelling and more. Our refined platform of reel designs are strong, safe, and ergonomically sound, each built with accuracy and precision by our skilled Australian production team.

The C Series is a simple but tough hose reel that will handle a multitude of hose sizes, lengths and pressures.

The main axle is supported by ball bearings, while the adjustable friction brake allows you to add or remove drag to prevent over spooling. The spool lock holds the spool fixed during transit, preventing overrun, and the open spool design allows air flow to help dry out wet areas and allow for easy cleaning. A bolt together frame and spool constructed of 3mm steel plate offers easy access for maintenance and servicing.

The C Series is suitable for industries & applications such as:

- General workshop – Air / water
- Food manufacturing and processing
- Water transfer
- Agricultural chemical spraying
- Food / drink processing facilities
- Gas / welding applications
- Lubrication applications
- Service vehicles
- Electrical cable
- Defence support

AUSTRALIAN MADE QUALITY

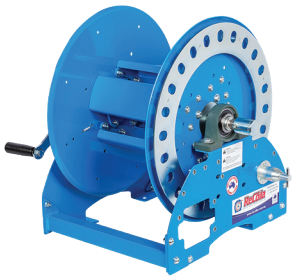
ReCoila is a proudly Australian owned and operated company based in Western Sydney, with a distribution network across the country and around the world.

GLOBAL DISTRIBUTION NETWORK



sales@recoila.com.au

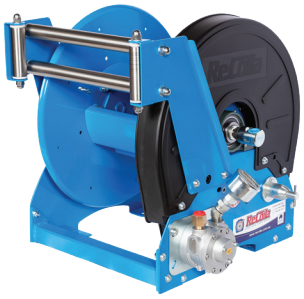
MODELS FOR EVERY APPLICATION



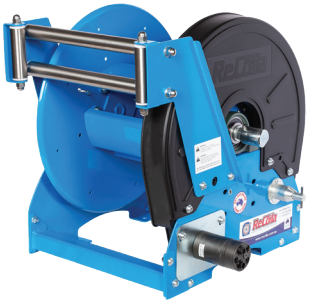
HAND CRANK



12VDC & 24VDC MOTOR DRIVEN



4AM PNEUMATIC DRIVE



HYDRAULIC DRIVE

OUR 4-STEP POWDER COAT PROCESS

Our in-house surface finishing line offers powder coating in a four-step process, comprising shot blasting, phosphate wash, zinc rich primer and a top coat on your choice of colour.

This 4-step process offers substantial corrosion protection and a high-quality finish.

Your choice of RAL colour is available, plus we can also colour-match your corporate colours or existing equipment or vehicle.



Raw steel

1. Shot blasting

2. Phosphate wash

3. Zinc rich primer

4. Coloured top coat

Custom colours available

SIMPLE TO OPERATE, SERVICE AND MAINTAIN.

OPERATOR SAFETY OPTIONS

- Guards available for sprockets, gears and rotating parts
- Safety labels and markings
- IP rated and explosion proof motors for hazardous environments
- Welding quality testing
- Ergonomic motor rewind options that reduce strain for the operator

MINIMAL SERVICE AND MAINTENANCE REQUIREMENTS

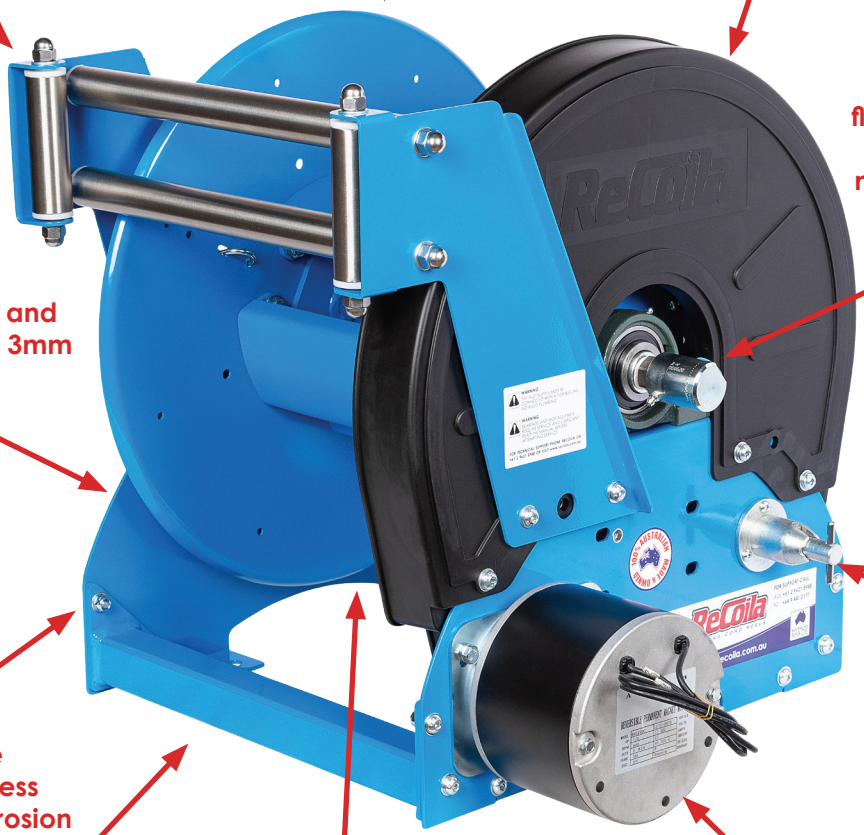
- Open spool and bolt together frame for easy access
- Quality motors with long service life
- Comprehensive service manual with parts list
- Full technical support from ReCoila

C SERIES FEATURES

Stainless steel roller guides allow you to pull the hose from any angle without tangling or jamming the hose in the drum and frame

Australian made quality

Gear guard prevents the operator or any surrounding equipment from becoming entangled in the gear



Precision machined full flow swivels and fluid paths for pressures up to 5000psi and materials to suit a wide range of fluids

Bolt together frame and spool constructed of 3mm steel plate

4 step in-house powdercoat process heavily reduces corrosion

Spring-loaded pin lock spool lock prevents the spool from rotating when the reel is in transit

Variety of construction material options including Carbon Steel, 304 or 316 Stainless Steel, or Aluminium

Open spool design for easy maintenance and servicing

Motorised or manual options, with a modular design that allows you to add on electric, pneumatic or hydraulic motors in the field

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C SERIES
HAND CRANK REELS

APPLICATION

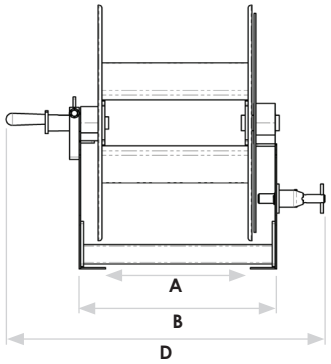
The ReCoila Hand Crank C series reels are a simple heavy duty hand crank reel for a wide range of applications where a durable manually operated reel is required.

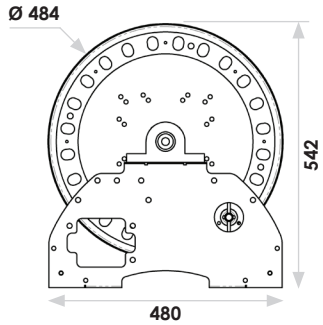
HOSE TYPE	Supplied with or without hose
MEDIA	As per your hose type
CONSTRUCTION MATERIALS	Carbon Steel (standard) 304 Stainless Steel 316 Stainless Steel Aluminium
FINISH	Powder Coated Galvanized
OPTIONAL EXTRAS	4 way roller guides Gear guard Extra heavy duty wrap spreaders* Wall mount swivel bracket

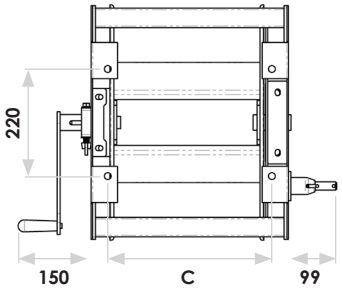


C10480300
RIGHT HAND SHOWN

DIMENSIONS (mm)







C SERIES HAND CRANK

Model	Hose ID (mm)	Hose Capacity (m)	Max PSI	A	B	C	D
C6480150	6	60	5000	150	255	187	504
C6480300	6	140	5000	300	405	337	654
C6480450	6	240	5000	450	555	487	804
C6480600	6	300	5000	600	705	637	954
C10480150	10	40	5000	150	255	187	504
C10480300	10	100	5000	300	405	337	654
C10480450	10	145	5000	450	555	487	804
C10480600	10	200	5000	600	705	637	954
C12480150	12	30	5000	150	255	187	504
C12480300	12	60	5000	300	405	337	654
C12480450	12	100	5000	450	555	487	804
C12480600	12	130	5000	600	705	637	954
C19480150	19	15	5000	150	255	187	504
C19480300	19	30	5000	300	405	337	654
C19480450	19	40	5000	450	555	487	804
C19480600	19	60	5000	600	705	637	954
C25480300	25	20	3000	300	405	337	654
C25480450	25	30	3000	450	555	487	804
C25480600	25	45	3000	600	705	637	954
CH38640350	32 - 38	20	1500	Refer to drawing ST14140-A.0			

Detailed dimensional drawings available on request, quote drawing number ST14104-A.0 (150 wrap width), ST14106-A.0 (300 wrap width), ST14108-A.0 (450 wrap width) or ST14110-A.0 (600 wrap width).
*We recommend heavy duty wrap spreaders for pressures above 2000 psi.

C SERIES
12VDC MOTOR DRIVEN REELS

APPLICATION

The 12VDC motor driven C series reels are suitable for a wide range of applications where an electric motor driven reeling system is required. Supplied with a high quality 12VDC motor for effortless operation.

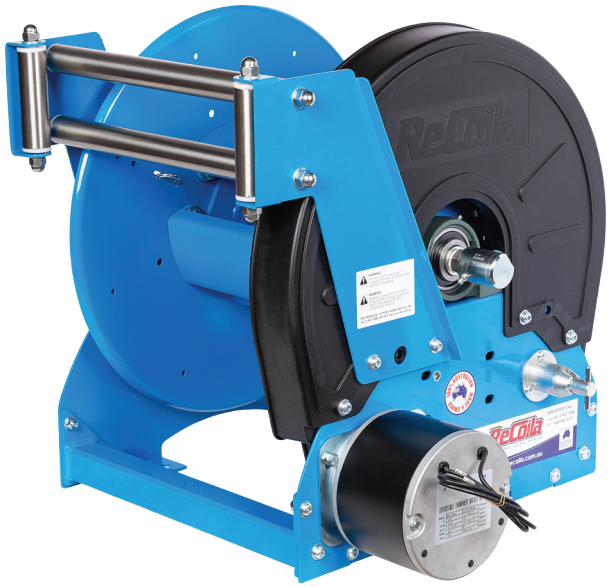
HOSE TYPE Supplied with or without hose

MEDIA As per your hose type

CONSTRUCTION MATERIALS
Carbon Steel (standard)
304 Stainless Steel
316 Stainless Steel
Aluminium

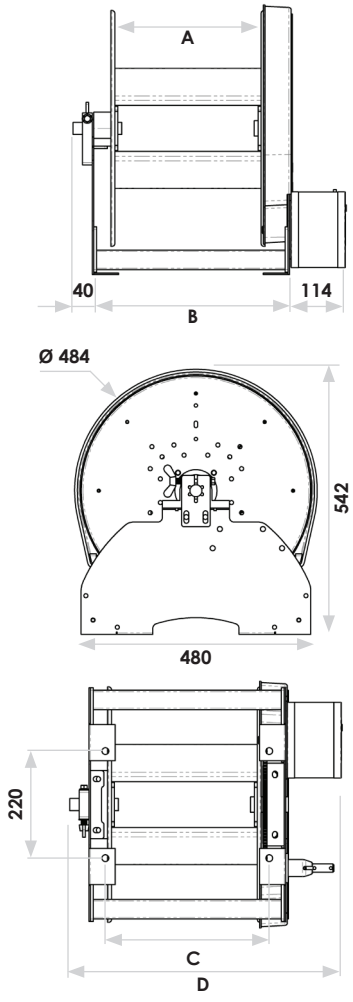
FINISH
Powder Coated
Galvanized

OPTIONAL EXTRAS
4 way roller guides
Gear guard
Friction brake
Extra heavy duty wrap spreaders*
Wall mount swivel bracket



EE19480300 SHOWN WITH ROLLER GUIDE AND GEAR GUARD RIGHT HAND REEL

DIMENSIONS (mm)



C SERIES 12VDC MOTOR DRIVEN

Model	Hose ID (mm)	Hose Capacity (m)	Max PSI	A	B	C	D
EE6480150	6	60	5000	150	255	187	409
EE6480300	6	140	5000	300	405	337	519
EE6480450	6	240	5000	450	555	487	709
EE6480600	6	300	5000	600	705	637	859
EE10480150	10	40	5000	150	255	187	409
EE10480300	10	100	5000	300	405	337	519
EE10480450	10	145	5000	450	555	487	709
EE10480600	10	200	5000	600	705	637	859
EE12480150	12	30	5000	150	255	187	409
EE12480300	12	60	5000	300	405	337	519
EE12480450	12	100	5000	450	555	487	709
EE12480600	12	130	5000	600	705	637	859
EE19480150	19	15	5000	150	255	187	409
EE19480300	19	30	5000	300	405	337	519
EE19480450	19	40	5000	450	555	487	709
EE19480600	19	60	5000	600	705	637	859
EE25480300	25	20	3000	300	405	337	519
EE25480450	25	30	3000	450	555	487	709
EE25480600	25	45	3000	600	705	637	859
EE38640350	32 - 38	20	1500	Refer to drawing ST14143-A.0			

Detailed dimensional drawings available on request, quote drawing number ST14128-A.0 (150 wrap width), ST14130-A.0 (300 wrap width), ST14132-A.0 (450 wrap width), or ST14134-A.0 (600 wrap width).
*We recommend heavy duty wrap spreaders for pressures above 2000 psi.

C SERIES
24VDC MOTOR DRIVEN REELS

APPLICATION

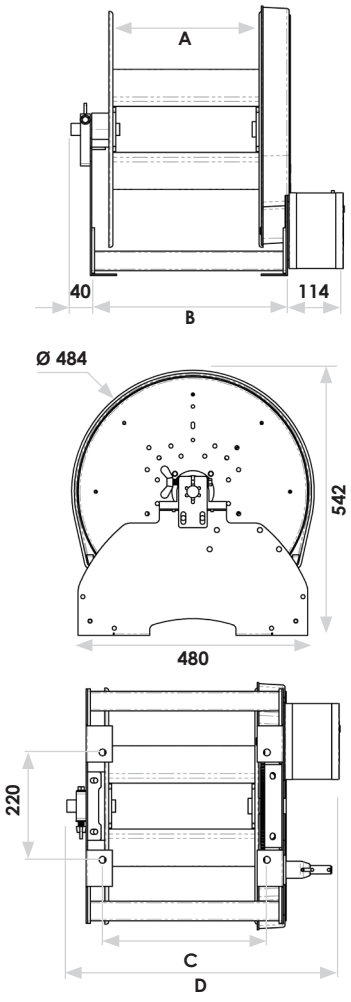
Simple, heavy duty models for a wide range of applications. Supplied with a high quality 24VDC motor for effortless operation.

HOSE TYPE	Supplied with or without hose
MEDIA	As per your hose type
CONSTRUCTION MATERIALS	Carbon Steel (standard) 304 Stainless Steel 316 Stainless Steel Aluminium
FINISH	Powder Coated Galvanized
OPTIONAL EXTRAS	4 way roller guides Gear guard Friction brake Extra heavy duty wrap spreaders* Wall mount swivel bracket



EA19480300 SHOWN WITH ROLLER GUIDE AND GEAR GUARD RIGHT HAND REEL

DIMENSIONS (mm)

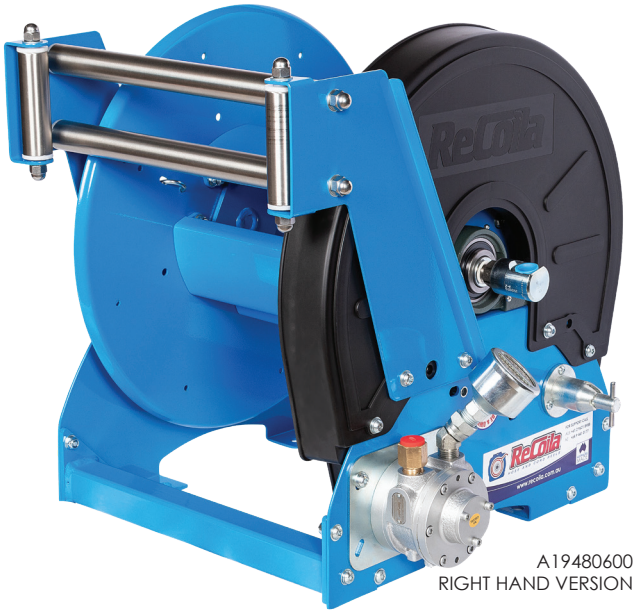


C SERIES 24VDC MOTOR DRIVEN

Model	Hose ID (mm)	Hose Capacity (m)	Max PSI	A	B	C	D
EA6480150	6	60	5000	150	255	187	409
EA6480300	6	140	5000	300	405	337	519
EA6480450	6	240	5000	450	555	487	709
EA6480600	6	300	5000	600	705	637	859
EA10480150	10	40	5000	150	255	187	409
EA10480300	10	100	5000	300	405	337	519
EA10480450	10	145	5000	450	555	487	709
EA10480600	10	200	5000	600	705	637	859
EA12480150	12	30	5000	150	255	187	409
EA12480300	12	60	5000	300	405	337	519
EA12480450	12	100	5000	450	555	487	709
EA12480600	12	130	5000	600	705	637	859
EA19480150	19	15	5000	150	255	187	409
EA19480300	19	30	5000	300	405	337	519
EA19480450	19	40	5000	450	555	487	709
EA19480600	19	60	5000	600	705	637	859
EA25480300	25	20	3000	300	405	337	519
EA25480450	25	30	3000	450	555	487	709
EA25480600	25	45	3000	600	705	637	859
EA38640350	32 - 38	20	1500	Refer to drawing ST14143-A.0			

Detailed dimensional drawings available on request, quote drawing number ST14128-A.0 (150 wrap width), ST14130-A.0 (300 wrap width), ST14132-A.0 (450 wrap width), or ST14134-A.0 (600 wrap width).
*We recommend heavy duty wrap spreaders for pressures above 2000 psi.

C SERIES
4AM PNEUMATIC DRIVE REELS



A19480600
RIGHT HAND VERSION

APPLICATION

The pneumatic drive C Series reel is suitable for a wide range of applications where a motor driven reeling system is required. Supplied with a high quality 4AM pneumatic motor for effortless operation.

HOSE TYPE Supplied with or without hose

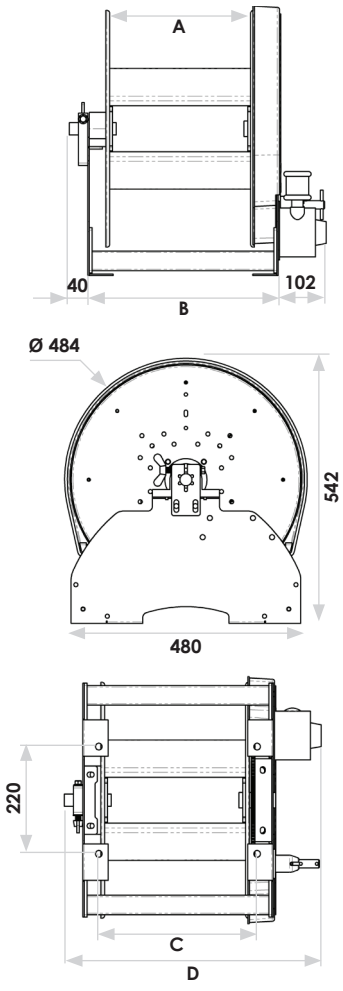
MEDIA As per your hose type

CONSTRUCTION MATERIALS
Carbon Steel (standard)
304 Stainless Steel
316 Stainless Steel
Aluminium

FINISH
Powder Coated
Galvanized

OPTIONAL EXTRAS
4 way roller guides
Gear guard
Friction brake
Extra heavy duty wrap spreaders*
Wall mount swivel bracket

DIMENSIONS (mm)



C SERIES PNEUMATIC MOTOR DRIVEN

Model	Hose ID (mm)	Hose Capacity (m)	Max PSI	A	B	C	D
A6480150	6	60	5000	150	255	187	397
A6480300	6	140	5000	300	405	337	547
A6480450	6	240	5000	450	555	487	697
A6480600	6	300	5000	600	705	637	847
A10480150	10	40	5000	150	255	187	397
A10480300	10	100	5000	300	405	337	547
A10480450	10	145	5000	450	555	487	697
A10480600	10	200	5000	600	705	637	847
A12480150	12	30	5000	150	255	187	397
A12480300	12	60	5000	300	405	337	547
A12480450	12	100	5000	450	555	487	697
A12480600	12	130	5000	600	705	637	847
A19480150	19	15	5000	150	255	187	397
A19480300	19	30	5000	300	405	337	547
A19480450	19	40	5000	450	555	487	697
A19480600	19	60	5000	600	705	637	847
A25480300	25	20	3000	300	405	337	547
A25480450	25	30	3000	450	555	487	697
A25480600	25	45	3000	600	705	637	847
A38640350	32 - 38	20	1500	Refer to drawing ST14141-A.0			

Detailed dimensional drawings available on request, quote drawing number ST14112-A.0 (150 wrap width), ST14114-A.0 (300 wrap width), ST14116-A.0 (450 wrap width), ST14118-A.0 (600 wrap width).
*We recommend heavy duty wrap spreaders for pressures above 2000 psi.

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C SERIES
HYDRAULIC DRIVE REELS

APPLICATION

Simple, heavy duty hydraulic motor driven models for a wide range of applications. Supplied with a high quality hydraulic motor for effortless operation.

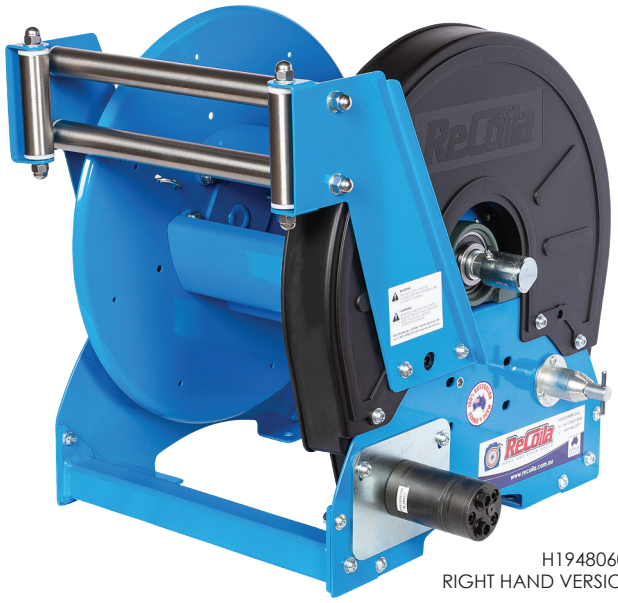
HOSE TYPE Supplied with or without hose

MEDIA As per your hose type

CONSTRUCTION MATERIALS
Carbon Steel (standard)
304 Stainless Steel
316 Stainless Steel
Aluminium

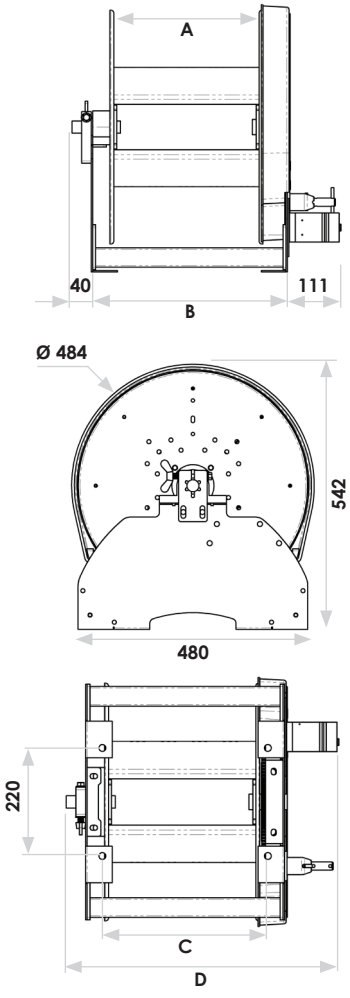
FINISH
Powder Coated
Galvanized

OPTIONAL EXTRAS
4 way roller guides
Gear guard
Friction brake
Extra heavy duty wrap spreaders*
Wall mount swivel bracket



H19480600
RIGHT HAND VERSION

DIMENSIONS (mm)



C SERIES HYDRAULIC MOTOR DRIVEN

Model	Hose ID (mm)	Hose Capacity (m)	Max PSI	A	B	C	D
H6480150	6	60	5000	150	255	187	406
H6480300	6	140	5000	300	405	337	556
H6480450	6	240	5000	450	555	487	706
H6480600	6	300	5000	600	705	637	856
H10480150	10	40	5000	150	255	187	406
H10480300	10	100	5000	300	405	337	556
H10480450	10	145	5000	450	555	487	706
H10480600	10	200	5000	600	705	637	856
H12480150	12	30	5000	150	255	187	406
H12480300	12	60	5000	300	405	337	556
H12480450	12	100	5000	450	555	487	706
H12480600	12	130	5000	600	705	637	856
H19480150	19	15	5000	150	255	187	406
H19480300	19	30	5000	300	405	337	556
H19480450	19	40	5000	450	555	487	706
H19480600	19	60	5000	600	705	637	856
H25480300	25	20	3000	300	405	337	556
H25480450	25	30	3000	450	555	487	706
H25480600	25	45	3000	600	705	637	856
H38640350	32 - 38	20	1500	Refer to drawing ST14142-A.0			

Detailed dimensional drawings available on request, quote drawing number ST14120-A.0 (150 wrap width), ST14122-A.0 (300 wrap width), ST14124-A.0 (450 wrap width), or ST14126-A.0 (600 wrap width).
*We recommend heavy duty wrap spreaders for pressures above 2000 psi.

C SERIES OPTIONS

FLUID PATHS AND SWIVELS

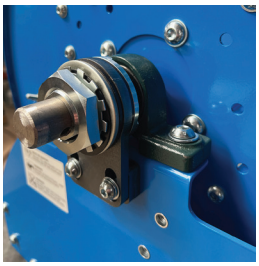


- 1/2" to 2"
- Threads: BSP, NPT, NST, NH or JIC threads
- Working pressures up to 5000psi
- Materials to suit a wide range of fluids including:
- Zinc plated carbon steel
- 304 or 316 Stainless Steel
- Gunmetal bronze
- Aluminium
- Super deluxe stainless steel
- Inconel
- Inline swivel joints, special threads and a range of seal materials to create a customised pipework configuration

BRAKES AND PIN LOCKS

FRICTION BRAKE
Enables the operator to add or remove drag to prevent 'over spooling'.

PIN LOCK SPOOL LOCK
A spring-loaded pin that can be engaged to prevents the spool from rotating (eg: when the reel is in transit). Optional pneumatic or solenoid operated.



FRICTION BRAKE



PIN LOCK

EXTRAS AND ADD-ONS

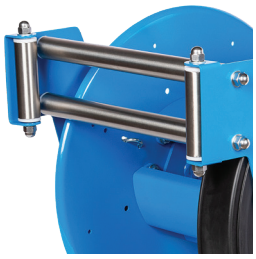
ROLLER GUIDES
Stainless steel guides allow you to pull the hose from any angle without tangling or jamming the hose in the drum and frame.

GEAR GUARD
Safety feature to prevent the operator or any surrounding equipment from becoming entangled in the gear.

EXTRA HEAVY DUTY WRAP SPREADERS
Recommended for pressures above 2000psi.

WALL MOUNT SWIVEL BRACKETS
Reduces friction and torque when deploying the hose by swivelling the reel to face the operator.

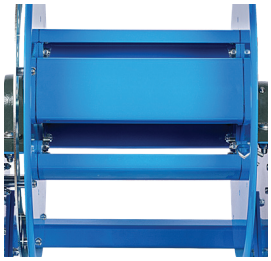
HOSE REEL DRAWINGS
DWG files, STP files and 3D models are available on request



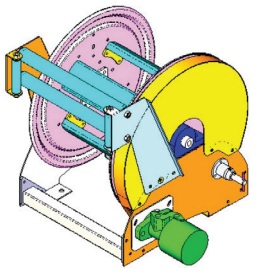
ROLLER GUIDES



GEAR GUARD



HD WRAP SPREADERS



3D MODELS AVAILABLE

CONSTRUCTION MATERIALS

- Carbon Steel
- 304 Stainless Steel
- 316 Stainless Steel
- Aluminium

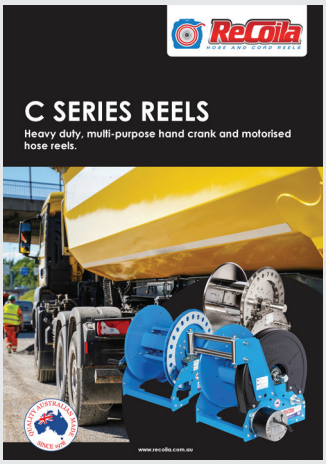
SURFACE FINISHES

- Powder coated
- Hot Dip Galvanized
- Electro-Polished
- Zinc Plated

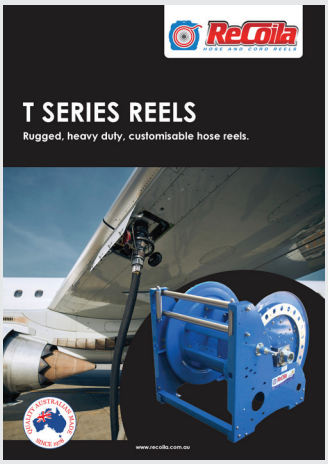
ALSO IN THE RECOILA RANGE



GEN III SERIES POLYPROPYLENE SPRING REWIND REELS



C SERIES HEAVY DUTY HOSE REELS



T SERIES HEAVY DUTY CUSTOMISABLE HOSE REELS



SR SERIES STEEL SPRING REWIND REELS



DELIVERY REELS FOR FIREFIGHTING APPLICATIONS



...PLUS RECOILA'S FULLY CUSTOM ENGINEERED REELS FOR THE MOST COMPLEX APPLICATIONS AND DEMANDING ENVIRONMENTS.



ReCoila
HOSE AND CORD REELS

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