

Owners Manual



Model Type

Air
Air/Water
Hot/Cold Water/Coolant
Horticultural
Weed pesticide
Oil / Grease

Quality Hose Reels



INTRODUCTION

Thank you for purchasing the Retracta R3 retractable hose reel.

PLEASE READ THIS SAFETY INFORMATION CAREFULLY BEFORE USE.

Read and retain this instruction manual to assist you in the operation of your new product.



'CAUTIONS' are listed throughout this manual to advise of actions that may cause damage to you're the operator or to the equipment.



The following general warnings should be observed when installing, operating or maintaining hose reel equipment. Further specific warnings pertaining to specific dangers may be found within this document

- * Do not exceed the maximum working pressure for this reel. (Refer to the product specifications)
- * Check equipment daily for wear or damage. (Replace worn or damaged items immediately with genuine replacement parts).
- * Check equipment daily for leaks. (Repair or replace as required)
- * Only use compatible fluids with this reel.

 (Refer to compatible fluids in product specifications)
- * Use equipment for intended use only.
- * Operator should wear appropriate protection equipment to protect against personal injury .

- * Do not attempt to stop leaks with your hand or body.
- * Caution should be observed against burning due to hot water teperature when using hot water reels.
- * Do not alter or modify equipment.
- * Use reel in well ventilated areas if toxic or flammable fluids are in use
- * Do not let go of the hose when rewinding.

Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



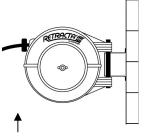


Note.

This is not an exhaustive list of hazards and warnings. All care should be taken to maintain safe working procedures when installing, operating and maintaining the equipment. It is recommended that only trained professional trades people with the appropriate working knowledge of such equipment be charged with its installation and maintenance.



INSTALLATION INSTRUCTIONS



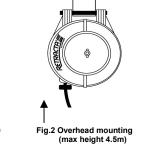


Fig.1 Wall mounting (max height 1.4m)



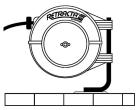


Fig.3 BB200 Bracket - Floor/Bench

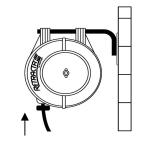


Fig.4 BB200 Bracket High wall mounting (max height 4.5m)

- 1) Use appropriate hardwear to secure and support the reel and bracket to desired location and weight of the fluids.
 - (refer to back page for mounting bracket template)
- Prevent the reel from swiveling in the overhead position (figure 2) by install locking bracket RP157 (supplied).
- 3) If spring recoil tension requires adjusting refer to "Add spring tension" for correct proceedure
- 4) Connect the fluid supply line to the side of the reel making sure to tighten appropriately.
- 5) It is recommended that an isolation valve is installed before the reel inlet.
- 6) Connect a desired hose-end attachment and tighten appropriately. Thread sealant may be required.
- 7) Purge the air from the reel and check for any leaks or damage before initial use.
- 8) Before carrying out any maintenance, close isolation valve and remove all line pressure.

INCREASE SPRING TENSION

(ALL MODELS)

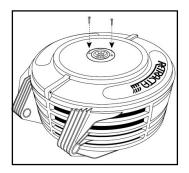


Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



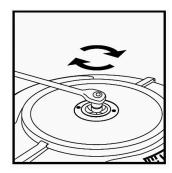


1) Remove screws

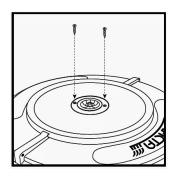


2) Add 2 complete turns

Note: 1 click on hub equals 90 deg



3) Replace screws



REMOVE / REPLACE TENSION SIDE PLATE

(ALL MODELS)

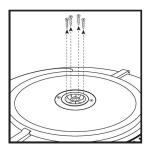


Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.





1) Remove screws with magnetic screwdriver



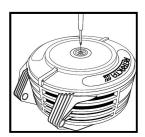
2) Hold hub and remove screws



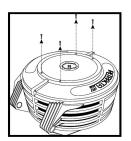
3) Release spring tension



4) Remove screw and center hub



5) Remove screws.



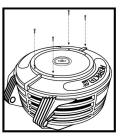
6) Remove side plate



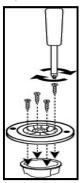
7) Fit new side plate.



8) Fit screws.



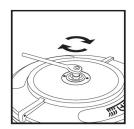
9) Fit screws



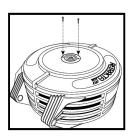
10) Fit screw.



11) Add 2 complete turns



12) Fit screws



HOSE REPLACEMENT INSTRUCTIONS (ALL MODELS EXCEPT GREASE)



Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



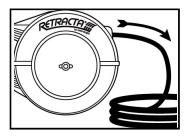


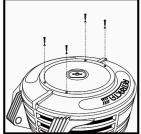
1) Pull out hose and latch

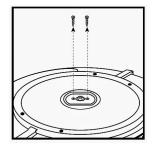
2) Remove screws

3) Remove screws

4) Remove plate









5) Remove cable tie

6) Remove swivel

7) Remove old hose

8) Fit new hose

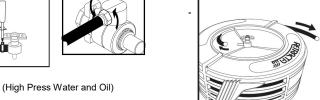


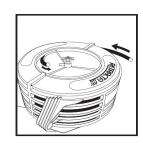


(Air/Water/Hort)



(Hot Water)





9) Attach hose to the swivel

10) Fit swivel assembly

11) Fit cable tie

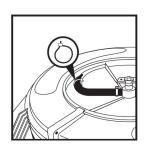
12) Fit sideplate













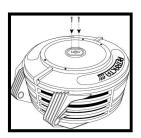
(High Press Water and Oil)

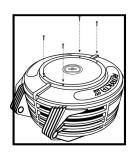


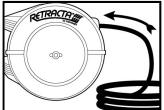
13) Fit screws.



15) Recoil hose evenly into reel







Instruction Manual Page 5

HOSE REPLACEMENT INSTRUCTIONS

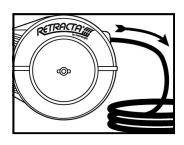
(GREASE)



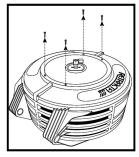
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.



1) Pull out hose and latch



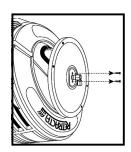
2) Remove screws



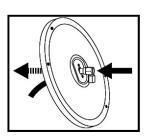
3) Remove sideplate



4) Remove screws



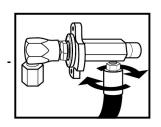
5) Remove swivel



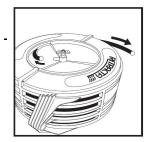
6) Remove cable tie



7) Remove hose from swivel



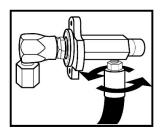
8) Remove old hose



9) Fit new hose



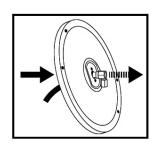
10) Fit hose to swivel



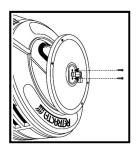
11) Fit cable tie



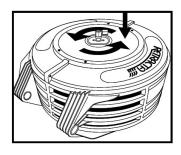
12) Fit swivel through side plate



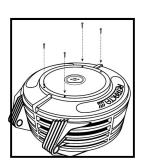
13) Fit screws.



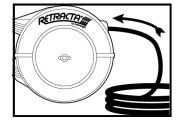
14) Fit side plate



15) Fit screws.



16) Recoil hose evenly into reel



SWIVEL REPLACEMENT **SWIVEL SEALS REPLACEMENT**

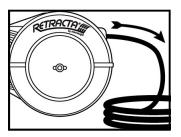
(AIR / AIR-WATER / COOLANT) (HORTICULTURAL / WEED PESTICIDE)

Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.

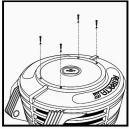


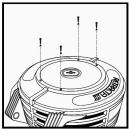


1) Pull out hose and latch

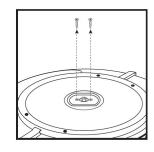


2) Remove screws





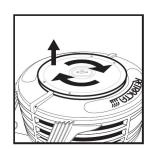
3) Remove screws



4) Remove plate

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ETRACTA !!!!



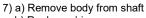
5) Remove cable tie



6) Remove circlip



Swivel O'ring Replacement instructions (use steps 1-7 & 9-14)

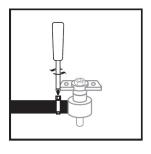


- b) Replace o'rings
 c) Apply water resistant grease
- d) Re-fit swivel body and circlip

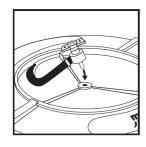


Swivel replacement Instructions (use steps 1-5 & 8-14)

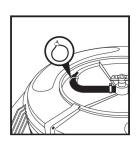
8) Remove swivel



9) Fit swivel assembly



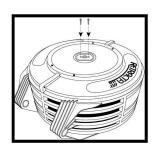
10) Fit cable tie



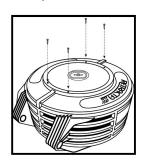
11) Fit sideplate



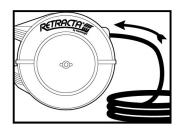
12) Fit screws.



13) Fit screws



14) Recoil hose evenly into reel



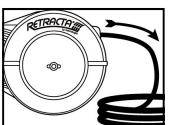
SWIVEL REPLACEMENT SWIVEL SEALS REPLACEMENT

(OIL / HOT WATER)

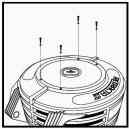
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.

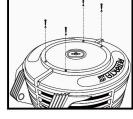


1) Pull out hose and latch



2) Remove screws





6) Remove circlip



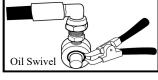
5) Remove cable tie

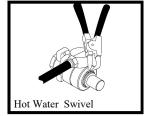
Swivel replacement Instructions

8) Remove hose from swivel

(use steps 1-5 & 8-15)

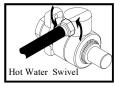
Oil Swivel



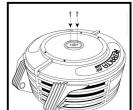








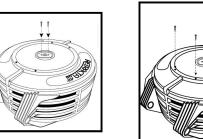




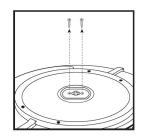
Oil Swivel

13) Fit screws.

Hot Water Swivel

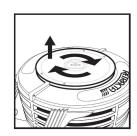


3) Remove screws



4) Remove plate

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Swivel O'ring Replacement instructions (use steps 1-7 & 10-15)

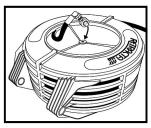
a) Remove body from shaftb) Replace o'rings

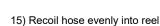


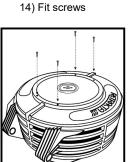
- c) Apply water resistant grease d) Re-fit swivel body and circlip

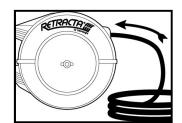


11) Fit cable tie









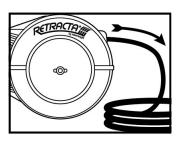
SWIVEL REPLACEMENT (GREASE)

RETRACTA® by macnaught

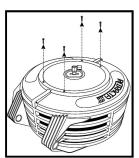
Before attempting any maintenance disconnect and turn off supply line then release line pressure.



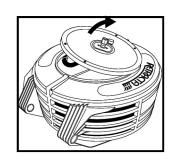
1) Pull out hose and latch



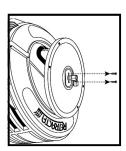
2) Remove screws



3) Remove sideplate

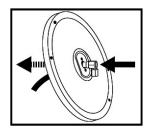


4) Remove screws



8) Fit new SB6 swivel

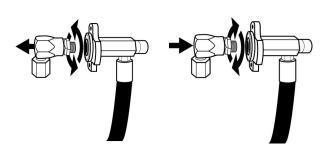
5) Remove swivel



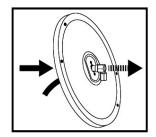
6) Remove cable tie



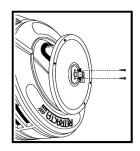
7) Remove SB6 swivel



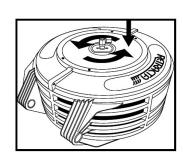
9) Fit cable tie



10) Fit swivel through side plate

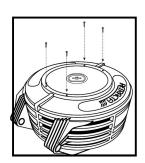


13) Fit screws.

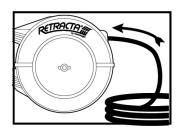


14) Fit side plate

15) Fit screws.



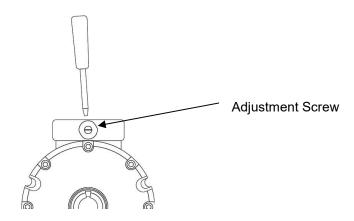
16) Recoil hose evenly into reel

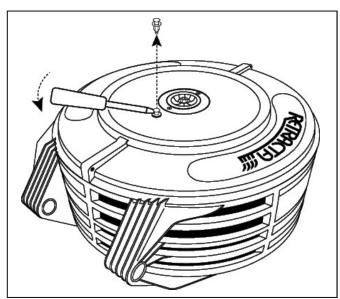


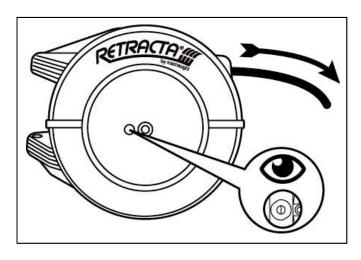
RACR ADJUSTMENT CONTROL INSTRUCTIONS



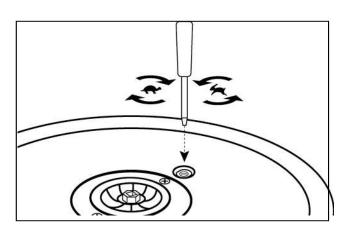
(FOR MODELS FITTED WITH RACR)







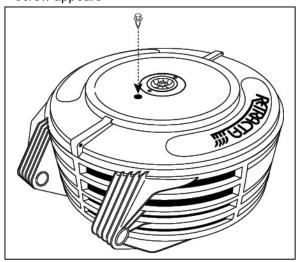
1. Lift centre button to unlock then lift out plug



3. Adjust speed as desired

(Clockwise for slower return)
(Counter clockwise for faster return)

2. Pull hose out and latch when adjustment screw appears



4. Replace plug then press centre button to lock

TROUBLESHOOTING GUIDE





Hose does nor retract correctly

A) Outlet nozzle, gun or tool is too heavy

B) Spring is fatigued and lost tension

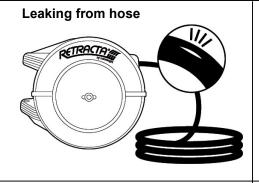
Refer to INCREASE SPRING TENSION on page 3

Reel does not latch

A) Incorrect operation

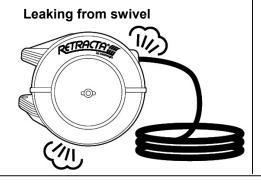
B) Latch assembly is broken

Refer to REMOVE/ REPLACE TENSION SIDE PLATE on page 4



Split in hose

Refer to HOSE REPLACEMENT on pages 5,6



Swivel or swivel seals are worn

Refer to SWIVEL OR SWIVEL SEAL REPLACEMENT on pages 7,8,9

SWIVEL ASSEMBLY PART NUMBERS



Air / Air-Water / Coolant

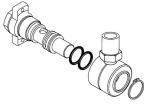


O'Ring seal kit BS115Vs

AR / AW / Coolant Swivel Assembly Kit

Hose Size	BSP Swivel	NPT Swivel
3/8" (10mm)	RS116AS	RS130AS
1/2" (12mm)	RS115AS	RS129AS

Oil

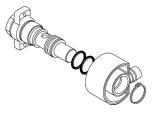


O'Ring seal kit BS115Vs

Oil Swivel Assembly Kit

Hose Size	BSP Swivel	NPT Swivel
3/8" (10mm)	RS117AS	RS131AS
1/2" (12mm)	RS117AS	RS131AS

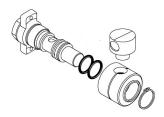
Cold Water



O'Ring seal kit BS115-1K

CWSwivel Assembly kit RS118As

Hot Water



O'Ring seal kit BS115ES

HW Swivel Assembly Kit

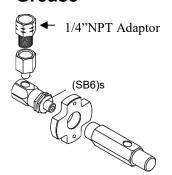
Hose Size	BSP Swivel	NPT Swivel
1/2" (12mm)	RS119AS	RS133AS

High Pressure Hot Water



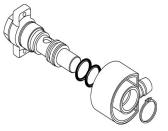
HW Swivel Assembly kit RS85s

Grease



GR Swivel Assembly kit RS124As

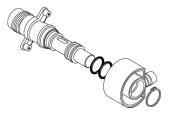
Weed Pesticide



O'Ring seal kit BS115Vs

WD Swivel Assembly kit RS67s

Horticultural

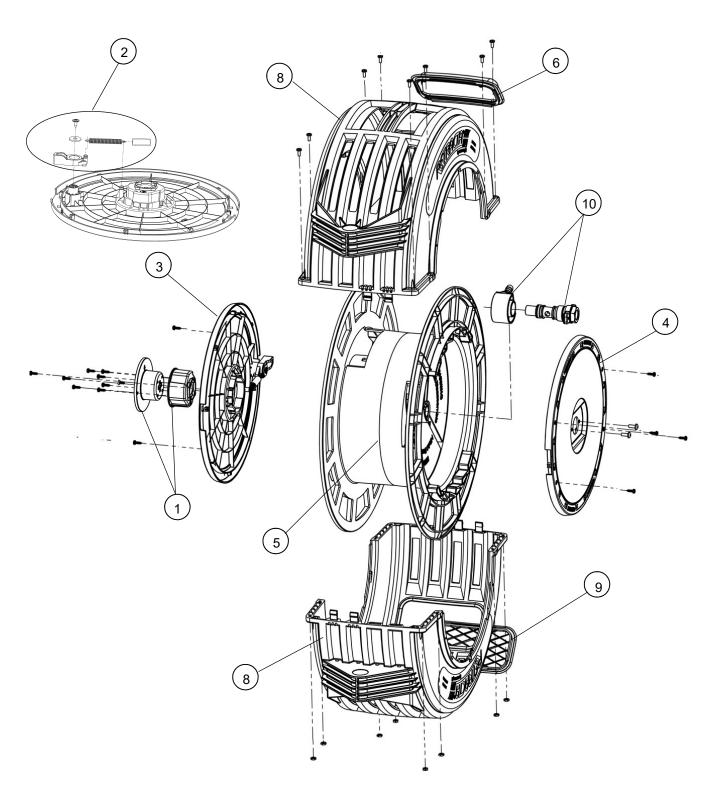


O'Ring seal kit BS115-1K

DR Swivel Assembly kit RS1s

EXPLODED DIAGRAM





Note:

- Outer casing is supplied as a single half only Standard bracket not shown 1.
- 2.

SPARE PARTS LIST



Generic Parts

70.10.10.1 4.10			
Item no	Description	Spare part no	
1	Tension hub set	R3THs	
2	Latch set	R3Ls	
3	Latching side plate	R3LPs	
4	Inlet side plate	R3IPs	
5	Drum assembly	R3DAs	
6	Mouth set	R3Ms	
7	Standard Bracket (incl locking plate)	R3SBs	
8	Outer Casing - single (nom color)	R3OCS-color	
9	Low er insert (nom colour)	R3LIS-color	

Swivel Assy

Item no	Description	Swivel kit (BSP)	Swivel Kit (NPT)
10	1/2"Air/Water	RS115As	RS129As
10	3/8"Air/Water/Coolant	RS116As	RS130As
10	Oil	RS117s	RS131As
10	Cold water	RS118s	
10	Hot Water	RS119As	RS133As
10	Horticultural/Garden	RS1s	
10	Weed Pesticide	RS67s	
10	Grease (complete assembly)	RS124As	
10	Grease (refer to grease swivel assy drawing)	SB6s	
10	High Pressure Hot Water	RS85s	1

Swivel seal Kits
BS115Vs
BS115Vs
BS115Vs
BS115-1K
BS115ES
BS115-1K
BS115Vs
N/A
N/A
N/A

Hose Assembly (BSP)

Hose Assembly (BSP))			
Hose Type	Hose ID	Length	Hose Part No.	Hose Stopper Part No.
Air	3/8"	20m	RH35S	RP156-1S
Air	1/2"	15m	RH22S	RP156-2S
Air	1/2"	20m	RH150S	RP156-2S
Air/Water	3/8"	15m	RH151S	RP156-1S
Air/Water	3/8"	20m	RH152S	RP156-1S
Air/Water	1/2"	15m	RH153S	RP156-2S
Air/Water	1/2"	20m	RH154S	RP156-2S
Garden/Horticultural	1/2"	18m	RH191S	RP156-1S
Grease	1/4"	10m	RH45S	RP156-5S
Grease	1/4"	15m	RH156S	RP156-5S
Oil	3/8"	10m	RH84S	RP156-1S
Oil	1/2"	15m	RH161S	RP156-3S
Cold Water	1/2"	15m	RH40S	RP156-3S
Cold Water	1/2"	20m	RH155S	RP156-2S
Hot Water	1/2"	15m	RH41S	RP156-2S
Hot Water	1/2"	20m	RH168S	RP156-2S
Air - FLEX Yellow	3/8"	20m	RH171S	RP156-5S
Air - FLEX Yellow	1/2"	20m	RH175S	RP156-1S
Air - FLEX Orange	3/8"	20m	RH181S	RP156-5S
Air - FLEX Orange	1/2"	20m	RH185S	RP156-1S
Weed Pesticide	1/2"	16m	RH50S	RP156-2S
High Pressure Hot Water	3/8"	15m	RH159S	RP156-1S

	Feeder	Hose	Assembly
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Garden/Horticultural	1/2"	2m	RH192S

Hose Assembly (NPT)

nose Assembly (NFT)				
				Hose
Hose Type	Hose ID	Length		Stopper
			Hose Part No.	Part No.
Grease	1/4"	50 ft	RH197S	RP156-5S
Oil	1/2"	50 ft	RH193S	RP156-3S
Garden/Horticultural	1/2"	60 ft	RH189S	RP156-1S
Hot Water	1/2"	65 ft	RH196S	RP156-2S
Air - FLEX Yellow	3/8"	65 ft	RH169S	RP156-5S
Air - FLEX Yellow	1/2"	65 ft	RH173S	RP156-1S
Air - FLEX Orange	3/8"	65 ft	RH179S	RP156-5S
Air - FLEX Orange	1/2"	65 ft	RH183S	RP156-1S

Feeder Hose (US)

Garden/Horticultural	1/2"	6 ft	RH190S

Hose Stoppers

Description	Spare part no
RP156-1S	15mm OD Hose (5/8")
RP156-2S	18mm OD Hose (3/4")
RP156-3S	20mm OD Hose (13/16")
RP156-5S	13MM OD Hose (1/2")
RP156-4S	OXY / LPG Hose

Accessories

Description	Spare part no
Std wall bracket	BU200
bench mount bracket	BB200
Cold wash nozzle set	RH51s
Horticultural reel nozzle set	DR-GSETS

DECLARATION OF CONFORMITY



We: Macnaught Pty Ltd Of: 41-49 Henderson Street, Turrella NSW 2205, Australia

Declare that: Retracta Hose Reel models prefixed AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC, GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD & WDC

in accordance with: 2006/42/EC (The Machinery Directive)
2009/127/EC (amending Directive - WD, DR & DRC models only)

has been designed and manufactured to the following specifications:

EN ISO 12100: 2010 (Safety of Machinery)

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The product complies with all essential requirements of the Directives.

Signed By:

FR (French)

Marco Uccellani, Engineering Manager, Macnaught Pty Ltd.

Done at: Macnaught Pty Ltd. 41-49 Henderson Street,

Turrella, NSW 2205, Australia.

Date: 21/12/2018

Nous, Macnaught Pty Ltd, 41-49 Henderson Street, Turrella NSW 2205, Australie

Déclaration de conformité

Déclarons que Les modèles d'enrouleurs de tuyaux Retracta aux préfixes AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC,

GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD et WDC

en vertu de : 2006/42/CE (directive Machines)

2009/127/CE (directive modificative - modèles WD, DR et DRC uniquement)

sont conçus et fabriqués selon la spécification suivante :

EN ISO12100: 2010 (sécurité Machines)

Je déclare par la présente que les équipements mentionnés ci-dessus sont conformes aux sections appropriées de la spécification susmentionnée. Le produit est conforme à toutes les exigences principales des directives.

Signé par :

Marco Uccellani, responsable de l'ingénierie, Macnaught Pty Ltd.

Fait à : Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australie

Date: 21/12/2018

DECLARATION OF CONFORMITY



DE (German) Konformitätserklärungen					
Wir,	Macnaught Pty Ltd	mit Sitz in:	41-49 Henderson Street, Turrella NSW 2205, Australien		
erklären, dass	die Retracta Schlauchtrommelmodelle mit den Präfixen AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC, GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD und WDC				
in Übereinstimmung mit	2006/42/EG		(Maschinenrichtlinie)		
den Verordnungen:	2009/127/EG		(Änderungsrichtlinie, nur Modelle WD, DR und DRC)		
gemäß folgenden Spezifika	tionen konzipiert und he	rgestellt worden	sind:		
	EN ISO12100: 2010		(Maschinensicherheit)		
	-		urden, dass sie mit den einschlägigen Abschnitten der ille grundlegenden Anforderungen der Richtlinien.		
Unterzeichnet von:	Jan				
	Marco Uccellani, Mar	nager Ingenieurw	esen, Macnaught Pty Ltd.		
Unternehmen, Ort:	Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australien.				
Datum:	21/12/2018				

ES (Spanish)	Decl	araciones	de		
Nosotros:	Macnaught Pty Ltd	De	41-49 Henderson Street, Turrella NSW 2205, Australia		
Declaramosh:		Modelos Retracta Hose Reel con prefijo AR, ARC, AW, CL, CLC, CW, CWC, DR, DRC, GR, GRC, HP, HPC, HW, HWC, OA, OAC, OG, OGC, OMP, OMPC, WD & WDC			
en conformidad con:	2006/42/EC		(La Directiva sobre maquinaria)		
	2009/127/EC		(Directiva modificativa: solo los modelos WD, DR y DRC)		
ha sido diseñada y fabricada de acuerdo con las siguientes especificaciones:					
	EN ISO 12100: 2010		(Seguridad de la maquinaria)		
Por la presente declaro que el equipo mencionado anteriormente ha sido diseñado para cumplir con las secciones pertinentes de las especificaciones mencionadas con anterioridad. El producto cumple con todos los requisitos esenciales de las Directivas.					
Firmado por:					
	Marco Uccellani, Res	onsable o	de ingeniería, Macnaught Pty Ltd.		
Redactado en:	Macnaught Pty Ltd. 4 Turrella, NSW 2205, A		derson Street,		
Fecha:	21/12/2018				

DECLARATION OF CONFORMITY



当社 Macnaught Pty Ltd 所在地: 41-49 Henderson Street, Turrella NSW 2205, Australia

は、次の製品が以下の指令及び仕様に準拠して設計、製造されていることを宣言します。

製品: AR. ARC. AW. CL. CLC. CW. CWC. DR. DRC. GR. GRC. HP. HPC. HW. HWC.

OA、OAC、OG、OGC、OMP、OMPC、WD、WDCの各種Retractaホースリールモデル

指令: 2006/42/EC (機械指令)

2009/127/EC (指令の修正-WD、DR、DRCモデルのみ)

仕様: EN ISO12100: 2010 (機械の安全性)

私は、上記の製品が上記仕様の関連セラションに適合するように設計されていることをここに

宣言します。この製品は、本指令のすべての必須要求事項に準拠しています。

署名:

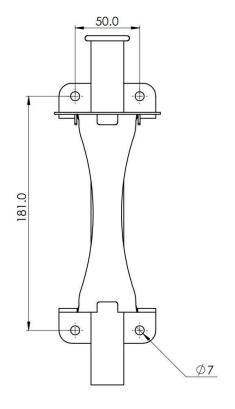
Marco Uccellani、技術管理者、Macnaught Pty Ltd

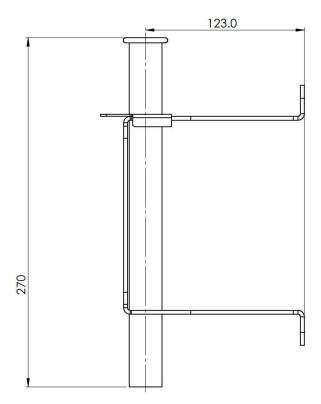
住所: Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australia.

日付: 2018年12月21日

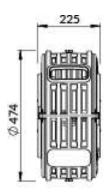
MOUNTING DETAILS BU200 WALL MOUNT BRACKET

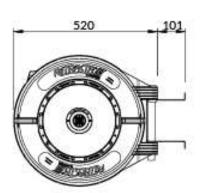


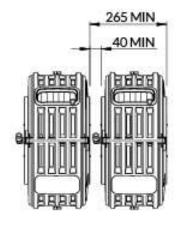


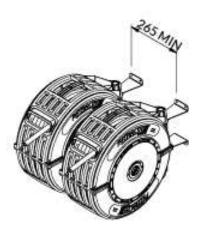


DIMENSIONS









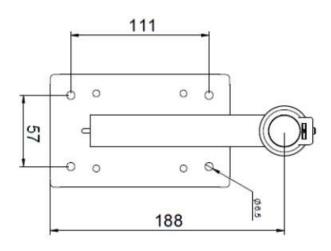
WEIGHT: 11kg (24lb) - 15kg (33lb) MODEL DEPENDENT

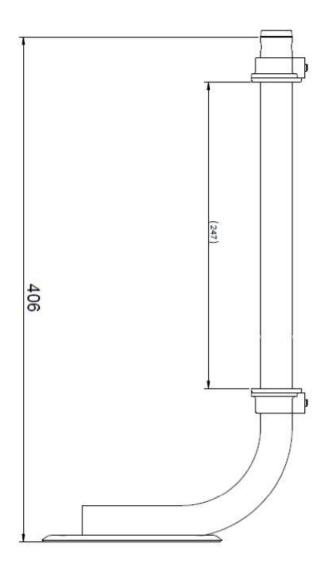
NOTE: Not to scale

MOUNTING DETAILS



BB200 BENCH MOUNT BRACKET





NOTE: Not to scale







Macnaught Pty Limited ABN 66 000 075 785

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W. www.macnaught.com.au

Note:

This product should be disposed of according to all applicable local and national government environment regulations and guidelines.



For Warranty Terms and Conditions see macnaught.com.au / macnaughtusa.com For a list of Australian Service Centres see macnaught.com.au