

Oxy / LPG Hose Reel

Owners Manual



Includes Models OG215K OGC215K

Premium Hose Reels

IMR3OLPG-issue 6

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 the operator or to the equipment.

you're

- Operation and maintenance of Oxy-Fuel Gas equipment should conform to the provisions of the American National Standard Z49-1 "Safety in Welding and Cutting".
- Leak test all connections and hose reel swivels prior to initial use (refer "Gas Leak Test Procedure")
- It is recommended that leak tests on all equipment be carried out at least once a month, on the replacement of gas cylinders and after any maintenance procedure.
- For O-Ring seal lubrication use **only 'HYPALUBE A514' or an equivalent inert lubricant** when required. **DO NOT** allow oil or grease to come in contact with the swivel or Oxy-Fuel gas equipment.



CAUTION

ONLY use this Retracta reel for the Oxy Fuel gas combination.

DO NOT use equipment in poorly ventilated areas.

EXAMINE the hose, reel swivel and other equipment for damage (including leaks) should a "Flashback" occur. Replacement of swivel seals is recommended. The use of "Flashback" check valves to reduce the risk of backflow and "Flashback" is also recommended.

ONLY genuine Retracta R3 replacement parts.

DO NOT use pipe fitting compounds or thread lubricants in making connections.

DO NOT direct the gas flame at the hose or hose reel.

DO NOT exceed the recommended maximum LPG draw off rate from the cylinder and only operate when the cylinder is upright. LPG contained in the cylinder can escape and damage the hose, hose reel seals and other equipment.

GAS LEAK TEST PROCEEDURE



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

Test each hose line separately and ensure that all connections are tight.

- 1) Close both torch valves.
- 2) Open the Oxygen cylinder valve and adjust delivery pressure to 25psi or more.
- 3) Close the Oxygen valve, check guage to ensure no pressure drop. If there is drop in pressure, check all connections, then re-pressure and test all the connections including hose, by brushing with warm soapy water solution looking for the presence of any bubbles.
- 4) Open the Oxygen valve at the torch and re-close to vent the Oxygen line. Repeat steps 1, 2 and 3 with the LPG, with the delivery pressure set at 10 psi. Vent the LPG line.
- 5) Replace or repair any faulty items immediately and repeat 'Leak test' procedure.





Test the system and all connections for leaks prior to use. Re-test the system frequently (once per month approx) and on each change of gas cylinder or after maintenance.

INSTALLATION INSTRUCTIONS

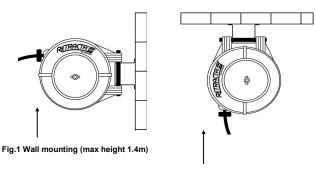


Fig.2 Overhead mounting (max height 4.5m)

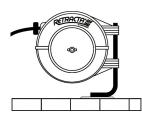


Fig.3 BB100 Bracket - Floor/Bench



Fig.4 BB100 Bracket High wall mounting (max height 4.5m)

- 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)
- 2) Prevent the reel from swiveling in the overhead position (figure 2) by install locking bracket RB9 (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.



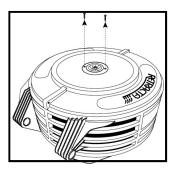
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.





INCREASE SPRING TENSION

1) Remove screws

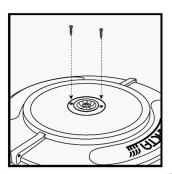


2) Add 2 complete turns

Note: 1 click on hub equals 90 deg



3) Replace screws



Instruction Manual

Page 3

HOSE REPLACEMENT INSTRUCTIONS



CAUTION



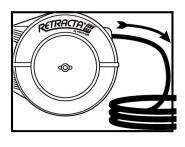




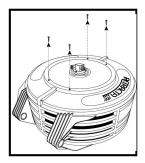
Before attempting any maintenance disconnect and turn off supply line, then release the line pressure.

Note: After replacing the hose it is important that you carry out the leak test proceedure as listed on page 2

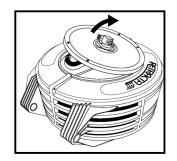
1) Pull out hose and latch



2) Remove screws



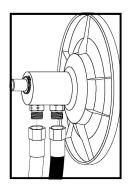
3) Remove sideplate



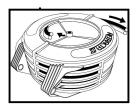
4) Remove cable tie



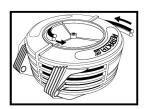
5) Remove hose from swivel



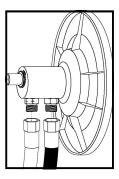
6) Remove old hose



7) Fit new hose



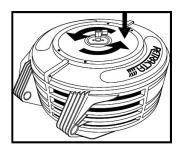
8) Fit hose to swivel



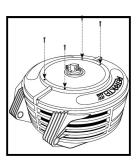
9) Fit cable tie



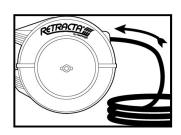
10) Fit side plate



11) Fit screws.



12) Recoil hose evenly into reel





CAUTION

Test reel for leaks prior to any use

SWIVEL SEAL REPLACEMENT INSTRUCTIONS





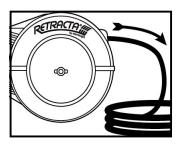
CAUTION

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

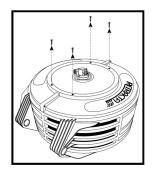


Note: After replacing swivel or swivel seals it is important that you carry out the leak test proceedure as listed on page 2

1) Pull out hose and latch



2) Remove screws



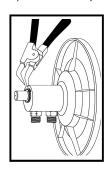
3) Remove sideplate



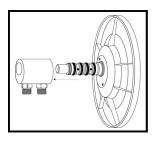
4) Remove cable tie



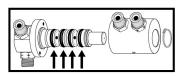
5) Remove circlip



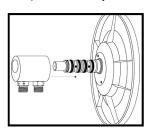
6) Remove swivel body



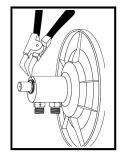
7) Carefully replace o'rings



8) a) Apply grease to o'rings (only use 'HYPALUBE A514' or equivalent grease) b) Fit swivel body



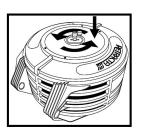
9) Fit circlip



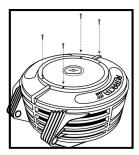
10) Fit cable tie



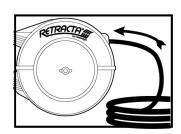
11) Fit side plate



12) Fit screws.



13) Recoil hose evenly into reel



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CAUTION

Test reel for leaks prior to any use

SWIVEL REPLACEMENT INSTRUCTIONS





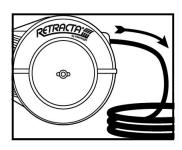
CAUTION

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

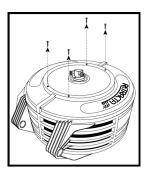


Note: After replacing swivel it is important that you carry out the leak test proceedure as listed on page 2

1) Pull out hose and latch



2) Remove screws



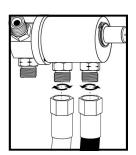
3) Remove sideplate



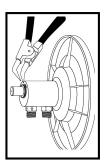
4) Remove cable tie



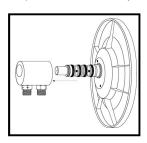
5) Remove hose



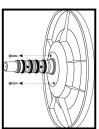
6) Remove circlip



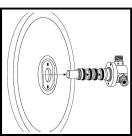
7) Remove swivel body



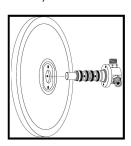
8) Remove screws



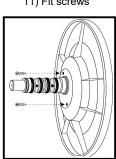
9) Remove swivel shaft



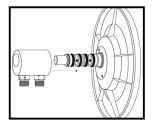
10) Fit new shaft



11) Fit screws



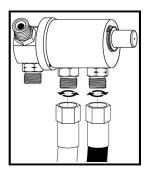
12) a) Apply grease to o'rings (only use 'HYPALUBE A514' or equivalent grease) b) Fit swivel body



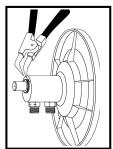
SWIVEL REPLACEMENT INSTRUCTIONS



13) Fit hose



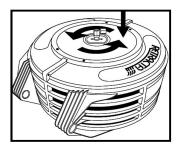
14) Fit circlip



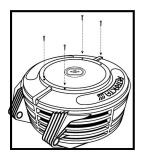
15) Fit cable tie



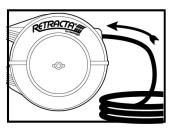
16) Fit side plate



17) Fit screws.



18) Recoil hose evenly into reel





CAUTION

Test reel for leaks prior to any use



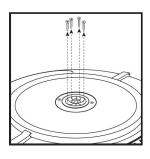
REMOVE / REPLACE TENSION SIDE PLATE

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

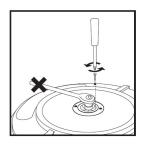




1) Remove screws with magnetic screwdriver



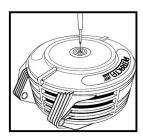
2) Hold hub and remove screws



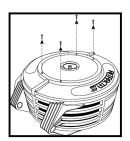
3) Release spring tension



4) Remove screw and center hub



5) Remove screws.



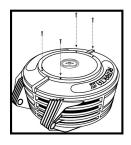
6) Remove side plate



7) Fit new side plate.



8) Fit screws.



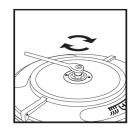
9) Fit screws



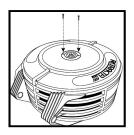
10) Fit screw.



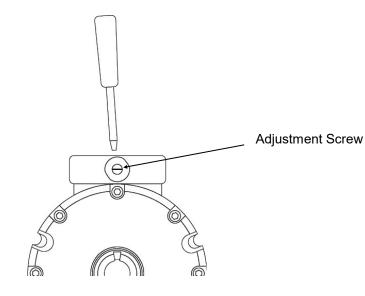
11) Add 2 complete turns

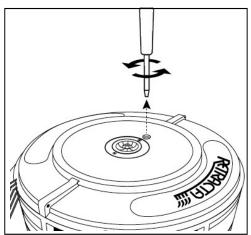


12) Fit screws

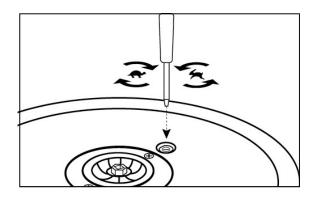




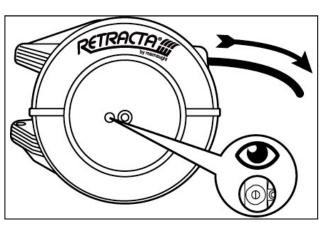




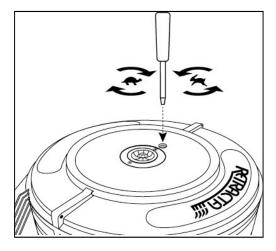
1. Remove the cover screw



3. Adjust speed as desired



2. Pull hose out and latch when adjustment screw appears



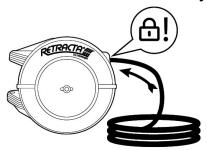
4. Replace the cover screw

TROUBLESHOOTING GUIDE





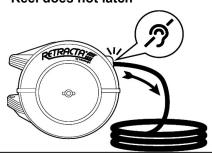
Hose does nor retract correctly



- 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 8

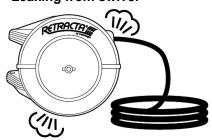
Leaking from hose



Split in hose

Refer to HOSE REPLACEMENT on page 4

Leaking from swivel



Swivel or swivel seals are worn

Refer to SWIVEL OR SWIVEL SEAL REPLACEMENT on page 5 or 6



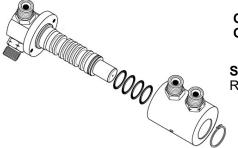
Test reel for leaks prior to any use

REFER TO: Page 5 SWIVEL OR SWIVEL SEAL REPLACEMENT INSTRUCTIONS



Swivel Assembly

OXY / LPG



O'Ring seal kit OLPG-1K

Swivel Assembly kit RS123Bs

SPARE PARTS LIST

OXY LPG

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)	BU200
8	Outer Casing Set - nom color	R3OC-color
9	Lower insert (nom colour)	R3LIS-color

SWIVE	L ASSEME	BLIES

10	Oxy LPG swivel assembly	RS123Bs
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SWIVEL SEAL KITS

12	Swivel seal set Oxy LPG (not shown)	OLPG-1K

HOSE STOPPERS	Spare part no
Gas reel	RP156-4s

HOSE ASSEMBLIES

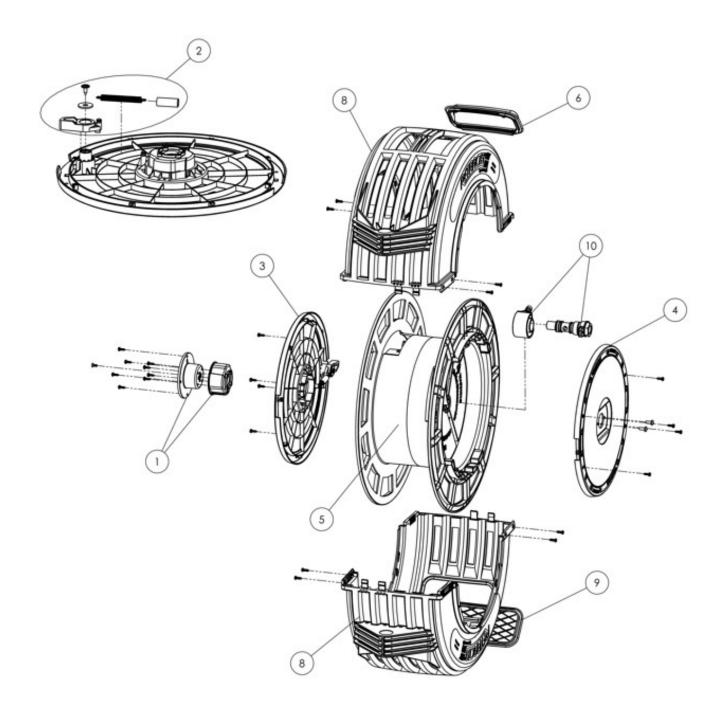
1/4"x 15m - Oxy LPG	RH60s

Wall Bracket

Wall bracket (not shown)	BU200



Exploded Diagram



Note:

- Outer casing set is supplied with screws, mouth set and lower insert Standard bracket not shown
- 2.

Page 12 Instruction Manual



EN (English)	Declaration of Conformity			
We:	Macnaught Pty Ltd	Of:	41-49 Henderson Street, Turrella NSW 2205, Australia	
Declare that:			ed AR, ARC, ARG, ARGC, AW, CL, CLC, CW, CWC, DR, DRC, FRAS, 6, LPGC, OA, OAC, OG, OGC, OMP, OMPC, RO, ROC, RY,	
in accordance with:	2006/42/EC		(The Machinery Directive)	
	2009/127/EC		(amending Directive - WD, DR & DRC models only)	
has been designed ar	nd manufactured to the	following sp	pecifications:	
	EN ISO 12100: 2010		(Safety of Machinery)	
			seen designed to comply with the relevant sections of the above essential requirements of the Directives.	
Signed By:	Jenny			
	Marco Uccellani, Engir	neering Mai	nager, Macnaught Pty Ltd.	
Done at:	Macnaught Pty Ltd. 41 Turrella, NSW 2205, A		rson Street,	
Date:	26/08/2021		CC04-D/HG/PDACE-F3_N QA-CSYLet (mank byn R.Ezer	

FR (French)	Déclaration	de conformité	
Nous, Macnaug	ht Pty Ltd, 41-49 Henderson	Street, Turrella NSW 2205, Australie	
Déclarons que		de tuyaux Retracta aux préfixes AR, ARC, ARG, ARGC, AV 5RC, HP, HPC, HW, HWC, LPG, LPGC, OA, OAC, OG, OGC	
en vertu de :	2006/42/CE 2009/127/CE	(directive Machines) (directive modificative - modèles WD, DR et I	DRC uniquement)
sont conçus et fa	briqués selon la spécification su	ivante :	
	EN ISO12100: 2010	(sécurité Machines)	
		nentionnés ci-dessus sont conformes aux sections appro orme à toutes les exigences principales des directives.	opriées de la
Signé par :	Jam tu		
	Marco Uccellani, responsal	ole de l'ingénierie, Macnaught ?ty Ltd.	ϵ
Fait à :	Macnaught Pty Ltd. 41-49 H	lenderson Street, Turrella, NSW 2205, Australie	7
Date :	26/08/2021		00M-DIMG/73M/CE-Rs_X QA-CN7H

DE (German)	Konfor	mitätserklärungen		
Wir,	Macnaught Pty Ltd	mit Sitz in:	41-49 Henderson Street, Turrella NSW 2205, Australien	
erklären, dass	die Retracta Schlauch	trommelmodelle n	nit den Präfixen AR, ARC, ARG, ARGC, AW, CL, C	LC,
	CW, CWC, DR, DRC, F OMPC, RO, ROC, RY,		HPC, HW, HWC, LPG, LPGC, OA, OAC, OG, OGC,	DMP,
in Übereinstimmung mit	2006/42/EG		(Maschinenrichtlinie)	
den Verordnungen:	2009/127/EG		(Änderungsrichtlinie, nur Modelle WD, DR ur DRC)	ıd
gemäß folgenden Spezifikat	ionen konzipiert und he	rgestellt worden si	nd:	
	EN ISO12100: 2010		(Maschinensicherheit)	
Ich erkläre hiermit, dass die	oben genannten Geräte	e so konzipiert wur	den, dass sie mit den einschlägigen Abschnitten	der
oben genannten Spezifikation	on übereinstimmen. Das	Produkt erfüllt all	e grundlegenden Anforderungen der Richtlinien	i.
Unterzeichnet von:	Jent			
	Marco Uccellani, Mar	nager Ingenieurwes	en, Macnaught Pty Ltd.	_
Unternehmen, Ort:	Macnaught Pty Ltd. 4 NSW 2205, Australier		reet, Turrella,	
Datum:	26/08/2021		COM-D/MG/PI Herrogaphe	QA-CN7459



41-49 Henderson Street, Turrella NSW 2205, Australia Modelos Retracta Hose Reel con prefijo AR, ARC, ARG, ARGC, AW, CL, CLC, CW, CWC, DR, DRC, FRAS, GR, GRC, HP, HPC, HW, HWC, LPG, LPGC, OA, OAC, OG, OGC, OMP, OMPC, RO, ROC, RY, RYC. WD & WDC en conformidad con: 2006/42/FC (La Directiva sobre maguinaria) 2009/127/EC (Directiva modificativa: solo los modelos WD, DR y DRC) ha sido diseñada y fabricada de acuerdo con las siguientes especificaciones: (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. Marco Uccellani, Responsable de ingeniería, Macnaught Pty Ltd. Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australia. Fecha:

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。

AR、ARC、ARG、ARGC、AW、CL、CLC、CW、CWC、DR、DRC、FRAS、GR、GRC、HP、HPC、HW、HWC、LPG、LPGC、OA、OAC、OG、OGC、OMP・OMPC、RO、ROC、RY、RYC、WD 、WDC の各種Retractaホースリールモデル 製品:

指令: (機械指令) 2006/42/EC

(指令の修正 - WD、DR、DRC モデルのみ) 2009/127/EC

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ク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:

JA (Japanese)

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: 2021年08月26日

Date:



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

Declare that: Retracta Hose Reel models prefixed AR, ARC, ARG, ARGC. AW, CL, CLC, CW, CWC, DR, DRC, FRAS, GR, GRC, HP, HPC, HW, HWC, LPG, LPGC, OA, OAC, OG, CGC, OMP, OMPC, RO, ROC, RY, RYC, 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:

Marco Uccellani, Engineering Manager, Macnaught Pty Ltd.

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

26/08/2021

Déclaration de conformité Nous, Macnaught Pty Ltd, 41-49 Henderson Street, Turrella NSW 2205, Australie Les modèles d'enrouleurs de tuyaux Retracta aux préfixes AR, ARC, ARG, ARGC, AW, CL, CLC, CW, CWC, DR, DRC, FRAS, GR, GRC, HP, HPC, HW, HWC, LPG, _PGC, OA, OAC, OG, OGC, OMP, OMPC, RO, ROC, RY, RYC, WD et WDC en vertu de : 2006/42/CE (directive Machines) (directive modificative - modèles WD, DR et DRC uniquement) sont conçus et fabriqués selon la spécification suivante : EN ISO12100: 2010 (sécurité Machines) le 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 ³ty Ltd. Fait à : Macnaught Pty Ltd. 41-49 Henderson Street, Turrella, NSW 2205, Australie 26/08/2021 Date:

DE (German)	Konformitätserklärungen				
Wir,	Macnaught Pty Ltd	mit Sitz in:	41-49 Henderson Street, Tu Australien	rrella NSW 2205,	
erklären, dass	die Retracta Schlaucl	ntrommelmodelle	mit den Präfixen AR, ARC, ARG,	ARGC, AW, CL, CLC,	
	CW, CWC, DR, DRC, F	CW, CWC, DR, DRC, FRAS, GR, GRC, HP, HPC, HW, HWC, LPG, LPGC, OA, OAC, OG, OGC, ON			
	OMPC, RO, ROC, RY,	RYC, WD und W	oc		
in Übereinstimmung mit	2006/42/EG		(Maschinenrichtlinie)		
den Verordnungen:	2009/127/EG		(Änderungsrichtlinie, nur M DRC)	odelle WD, DR und	
gemäß folgenden Spezifika	tionen konzipiert und he	ergestellt worden	sind:		
	EN ISO12100: 2010		(Maschinensicherheit)		
	_		urden, dass sie mit den einschläg alle grundlezenden Anforderunge	-	
oben genannten Spezinkati	ion uberenstimmen. Da	s Produkt erfullt	alle grundlegenden Antorderunge	en der kichtlinien.	
Unterzeichnet von:		1			
	Marco Uccellani, Ma	nager Ingenieurw	vesen, Macraught Pty Ltd.	H	
Unternehmen, Ort:	Macnaught Pty Ltd. 4	1-49 Henderson	Street, Turrella,	UK	
,,,,,,	NSW 2205, Australie	n.		CA	
Datum:	26/08/2021			COM-DINESTRATURCA-RS_RI QA-CINSAN Hensappyshen nor R.Khen	



ES (Spanish)

Nosotros: 41-49 Henderson Street, Turrella NSW 2205, Australia Modelos Retracta Hose Reel con prefijo AR, ARC, ARG, ARGC, AW, CL, CLC, CW, CWC, DR, DRC, Declaramosh: FRAS, GR, GRC, HP, HPC, HW, HWC, LPG, LPGC, OA, OAC, OG, OGC, OMP, OMPC, RO, ROC, RY, RYC. WD & WDC

Declaraciones de

en conformidad con: (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, Responsable de ingeniería, Macraught Pty Ltd.

Redactado en: Macnaught Pty Ltd. 41-49 Henderson Street,

Turrella, NSW 2205, Australia.

26/08/2021 Fecha:

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

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. ARG. ARGC. AW. CL. CLC. CW. CWC. DR. DFC. FRAS. GR. GRC. HP.

HPC、HW、HWC、LPG、LPGC、OA、OAC、OG、OGC、OMP、OMPC、RO、ROC、RY、RYC、WD、WDC の各種Retractaホースリールモデル

(機械指令) (指令の修正 - WD、DR、DRC モデルのみ) 2009/127/EC

仕様: EN ISO12100: 2010 (機械の安全性)

2006/42/EC

私は、上記の製品が上記仕様の関連セク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:

指令:

Marco Uccellani、技術管理者、Macnaught Pty Ltd

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

日付: 2021年08月26日

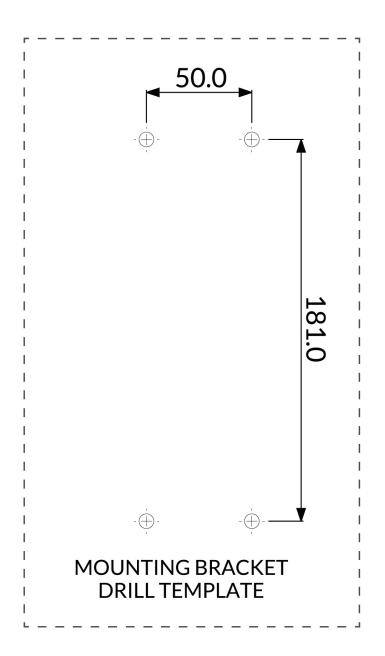


NOTES:



NOTES:





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 For a list of Australian Service Centres see macnaught.com.au