

# Spindrift Sprayers







## Introduction to Spindrift

First established in 1990, Spindrift has been distributing Cooper Pegler products for over 30 years. In 2013, Trevor took over the business and in the following years brought in Cleone and Lily as the business has grown.

We are now the largest distributor of Cooper Pegler and Berthoud handheld spraying equipment in the UK. As a family run business, we are committed to providing great service and maintaining customer relations.

## Meet the Helme family team -



Trevor



Cleone



Lily





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# Cooper Pegler

Cooper Pegler has specialised in the development and manufacture of sprayers for over 100 years. In 1995 Cooper Pegler was integrated into the Hardi Group and in 2007 into Exel Industries – the world's largest manufacturer of crop care equipment. Cooper Pegler continue to assemble 95% of their products in France, utilising a skilled and quality conscious workforce.



## Sprayers

Code	Description	Capacity (L)
846341	CP15 Series 2000 Sprayer	15
846361	CP3 Series 2000 Sprayer	20
846255	CP15 Classic Sprayer	15
846320	CP3 Classic Sprayer	20
848258	CP15 Evolution Comfort Sprayer	15
848255	CP3 Evolution Comfort Sprayer	20
848161	CP2 1.5 Ltr (NEW)	1.5
846249	CP5 Maxipro	5
846250	CP8 Maxipro	8







# Accessories

Code	Description
755826	CP Plastic Trigger Assembly
72033100	CP Lance with Elbow 0.37M
72032900	CP Lance with Elbow 0.5M
730441A	CP Lance with Elbow 0.75M
730441	CP Lance with Elbow 1.0M
730442	CP Lance with Elbow 2.0M
730439	CP 0.5M Straight Extension
730440	CP 1M Straight Extension
750700	CP 0.5-1.0M Telescopic Lance
750702	CP 1.0-2.0M Telescopic Lance
755603	CP 3 Nozzle Boom
755604	CP 2 Nozzle Boom
755605	CP 4 Nozzle Boom
741647	CP Spraying Guard 38cm
741721	CP Cone Spray Shield
755821	CP Variable Spray Nozzle
SA04603	Brass Trigger Valve
SA04243	Brass Lance
755820	CP Pressure Control Valve 1 Bar
755837	CP Pressure Control Valve NEW





# Cooper Pegler Accessories

## Plastic Trigger - 755826



Widely regarded as the best on the market, this trigger comes as standard on all Cooper Pegler Sprayers. It is both robust and ergonomic. Other features include:

- Internal filter to prevent blockages
- High quality brass piston
- 'Lock on' feature
- Fully serviceable - all parts available as spares

CP Plastic Trigger Valve Repair Kit (ref. 755600)  
See page 27 for trigger parts diagram

## Brass Trigger - SA04603



Spindrift still stock the brass triggers ref. SA04603 that used to be supplied by Cooper Pegler. The trigger comes with brass hose fittings on one end and on the other 1/4inch thread which will connect to the 730265 brass lance below.

An adapter (ref. 322267) can be used to convert the 1/4inch threads to M18 which will fit the standard glass reinforced plastic (GRP) lances.

## Brass Lance and Extension



**730265 Brass Lance 0.64M 1/4BSP**

**730091 Brass Extension 0.64M 1/4BSP**

With 1/4inch threads, both the brass lance and extension are compatible with the **SA04603** brass trigger one end and **SA04 820** Brass Variable Spray Nozzle at the other end.

An adapter (ref. 322267) can be used to convert the 1/4inch threads to M18 which will allow compatibility with standard plastic nozzle assemblies.



## Lances and Extensions



While the 0.5m lance comes as standard with all Cooper Pegler sprayers (excluding the CP5 Maxipro which comes with 0.37m), there is also a range of alternative lengths available to suit the user. Some taller operators prefer a longer lance to make it easier for them maintain an appropriate spray height.

These lances and extensions have M18 caps at one end to connect to the trigger, on the other end the lances come with a 45 degree angle to attach a nozzle with another M18 threaded cap, both of these items are supplied separately. The extensions come with a straight end which can screw onto the base of another lance.

## Telescopic Lances



Telescopic lances can be adjusted to your needs, there are two sizes currently available:

- **750700 CP 0.5-1.0M Telescopic Lance**
- **750702 CP 1.0-2.0M Telescopic Lance**

With M18 threads to attach to the 755826 CP Plastic Trigger and male M18 threads to screw on a 322343 CP Nozzle Cap.



Outside of the CP range, we also supply bespoke lances which extend up to 3 or 5 meters:

- **570110A/2 Telescopic Lance - 3m to fit CP Evo/S2000**
- **570110A/CL Telescopic Lance - 3m to fit CP Classic**
- **570111A/2 Telescopic Lance - 5m to fit CP Evo/ S2000**
- **570111A/CL Telescopic Lance - 5m to fit CP Classic**



# Cooper Pegler Accessories

## Spray Shields

To spray a localised zone and avoid spray drift, two types are available in the Cooper Pegler range:

- a 38 cm wide shield for spraying inter-row in vineyards or along a path safely and efficiently. Comes with 03 F110 blue flat fan nozzle

**Ref. 741647**



- a compact round cone shield (18 cm diameter) to spray localised zone, next to plants and flowers. Comes with grey hollow cone nozzle

**Ref. 741721**



These both fit to M18 threads on the standard plastic lances, special adaptations can be made to fit brass lances.

## Booms



**4 Nozzle Boom - Ref. 755605**

**3 Nozzle Boom - Ref. 755603**

**2 Nozzle Boom - Ref. 755604**

These lightweight booms are ideal for spraying larger areas.

2, 3 and 4 nozzle booms equipped with ISO 02-F110 flat fan nozzles spaced to every 50 cm, ideal for double overlap.

Output per nozzle at 2 bar is 0.65 l/min  
Nozzle angle: 110°





## Pressure Control Valve - 755820/755837



Ref. 755820  
Fits between lance end and  
nozzle assembly



Ref. 755837  
Fits between trigger and  
lance

- Pressure Regulators help to apply chemical accurately by constantly preventing pressure fluctuations and ensuring dosage stability.
- When using a pressure regulator you can confidently calculate application rates by reducing the pressure variability.
- Protect the environment through prevention of over-application of chemicals
- Can be used with all commercially available professional nozzles.
- Integrated anti-drip system

## Variable Spray Nozzle - 755821



755821

This variable spray nozzle ref. 755821 has an M18 thread which fits onto the end of Cooper Pegler lances and extensions.

The adjustable tip allows the user to change the output from a constant jet to a fine mist as necessary.

These nozzles are often used for accurate spot spraying where a directional jet can be utilised to target difficult to access areas.

## Double Swivel Nozzle Body - 755823



755823

This double swivel nozzle can be useful to increase the coverage of a single run. With two nozzles that can be adjusted to user preference, for example to spray two rows of crops or each rail of a train track.

With M18 threads, the nozzle body simply attaches to the end of your CP lance



# Classic

**CP15 - 15 Litres**  
**CP3 - 20 Litres**

## Robust and Reliable

The original Classic Knapsack sprayer was first brought out in the 1960s in conjunction with ICI Plant protection.

With a robust and durable design and few moving parts exposed to friction, this sprayer is well known for reliability. We still get these knapsacks in for service at over 50 years old.



## Key Features

Reinforced hose for greater pressure resistance

Robust and ergonomic plastic trigger with 'lock on' feature

Lid with separate seal to prevent splash and air vent to prevent vacuum

Double filtration to prevent blockages

Wide filler hole to prevent splash when filling

High Resistance Glass Reinforced Plastic Lance Tube

UV Stabilised polypropylene lightweight and durable tank

Pressure Control Valve with high and low pressure settings

Brass hose fittings for greater durability

Adjustable left/right operating lever

All working parts are mounted inside the tank to prevent damage

Sprayer comes with 2 nozzles: AN1.2 and HCX-02

Diaphragm pump which is incredibly reliable and low maintenance, with few moving parts exposed to friction.





Reference Code	Product Name	EAN code	Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	Quantity per pallet Euro/Standard
846255	CP 15 Classic	3414438462557	1	400x250x470	5.20	36/48
846320	CP 3 Classic	3414438463202	1	400x250x570	5.40	31/

## Harness



The standard harness for the Classic is practical and long lasting **ref. 755616**



We also supply an alternative more padded harness which fits this model of sprayer **ref. 755617**

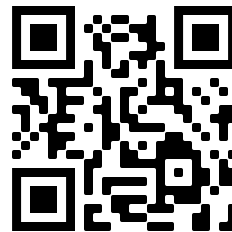
## Servicing Your Sprayer



Ref. 334700

### Diaphragm Pump

This diaphragm pump is simple and easy to service. The diaphragm (**334700**) can be replaced alone or alongside other seals and wearing parts with the Classic service pack (**750405**).



### Video help

Point your smart phone camera at this QR code to watch a Youtube video to help with maintenance of this sprayer



Ref. 755826

### Trigger

There are also wearing parts and seals in your trigger which should be inspected and also check for blockages in your trigger filter (**334731**).

There is also a service pack available specifically for your CP Trigger (**755600**).



### Service Case

Contains everything you need to service and maintain your Classic sprayer. Great for professionals who spray every day and service their sprayers regularly.

**Ref. 283579**



# Classic Spares

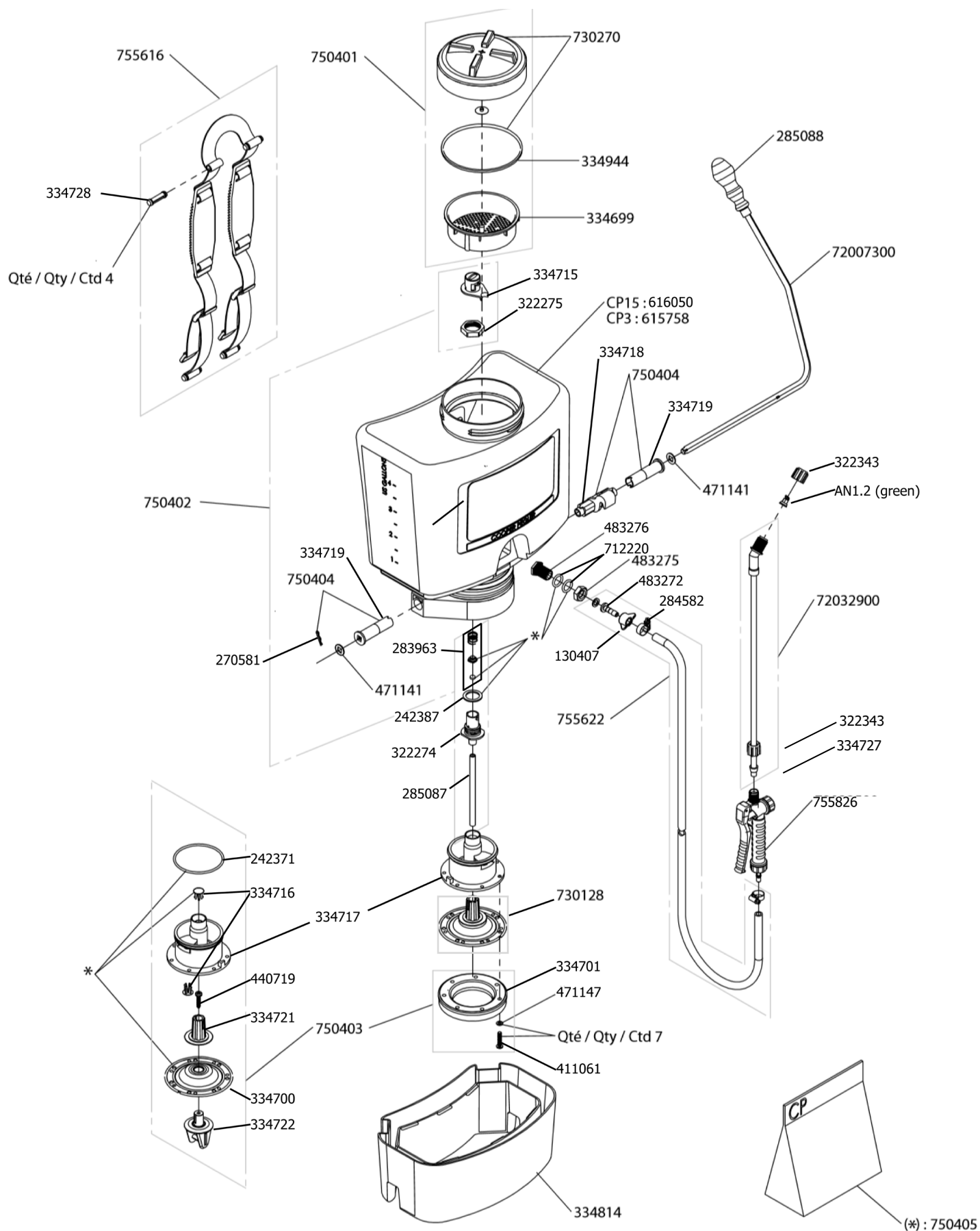
Code	Description		
AN1.2	Polijet Nozzle AN1.2 - Green	334728	CP Harness Pin
130407	CP Brass Wing Nut	334814	CP Classic Skirt
242371	CP Classic Cylinder O Ring	334944	CP Classic Lid Seal
242387	CP Classic Relief valve washer	411061	CP Clamp Ring Screw
270581	CP Classic Op. Lever R Clip	440719	CP Diaphragm Holder Screw
283579	CP Classic Service Case	471141	CP Op. Lever Locating Plate
283963	CP Relief Valve Spring	471147	CP Classic Nylon Clamp Washer
284582	CP Hose Clip	483272	CP Brass Hose Spigot
285087	CP Classic Relief Valve Dip Tube	483275	CP Brass Nut
285088	CP Classic Op. Lever Hand Grip	483276	CP Brass Hose Outlet
322274	CP Classic Relief Valve Body	615758	CP Tank for CP3 Classic
322275	CP Classic Relief Valve Nut	616050	CP Tank for CP15 Classic
322343	CP Nozzle Cap	712220	CP Brass Hose Union O Ring
334699	CP Classic Strainer	730128	CP Complete Diaphragm
334700	CP Diaphragm	730270	CP Classic Lid with Seal
334701	CP Classic Clamp Ring	750401	CP Cap/Strainer Pack Classic
334715	CP Relief Valve Cap	750402	CP Relief Valve Pack
334716	CP Poppit Valve	750403	CP Lower End Pack
334717	CP Classic Cylinder Liner	750404	CP Crank Pack
334718	CP Crank for Classic	750405	CP Service Pack Classic
334719	CP Bearing for Classic	755616	CP Harness Classic
334721	CP Diaphragm Holder Upper	755622	CP Hose Assembly for Classic
334722	CP Diaphragm Holder Lower	755826	CP Plastic Trigger Assembly
334727	CP Lance Grommet	72007300	CP Op. Lever Classic/Evolution
		72032900	CP Lance with Elbow 0.5M





# CP 15 / CP 3 CLASSIC

Réf : CP15 : 846255 / CP3 : 846320





# Series 2000

**CP15 - 15 Litres**  
**CP3 - 20 Litres**

## Ergonomic and Efficient



This model has a modern and safe design; pressurised by an efficient piston pump meaning more spraying power for less pumping.

With all working parts contained within the body of the tank and no openings below the liquid level, risk of operator contamination is heavily reduced.

This sprayer comes with a pressure regulator which helps to apply chemical accurately by constantly preventing pressure fluctuations, ensuring dosage stability.

## Key Features





Reference Code	Product Name	EAN code	Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	Quantity per pallet Euro/Standard
846341	CP 15 2000	3414438463417	1	390x170x630	5.35	43/51
846361	CP 3 2000	3414438463615	1	410x190x640	5.75	40/

## Harness



The standard harness for the series 2000 is practical and long lasting **ref. 755618**



We also supply an alternative more padded harness which fits this model of sprayer **ref. 755617**

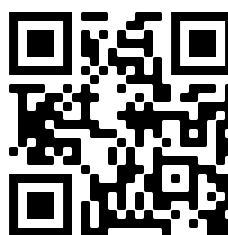
## Servicing Your Sprayer



Ref. 755731

### Piston Pump

This piston pump is efficient and easy to service, use the Series 2000 service pack **(750308)** to replace seals when needed.



### Video help

Point your smart phone camera at this QR code to watch a Youtube video to help with maintenance of this sprayer

### Trigger

There are also wearing parts and seals in your trigger which should be inspected and you may also need to check for blockages in your trigger filter **ref. 334731**.



Ref. 755826

There is also a service pack available specifically for your CP Trigger **ref. 755600**



### Service Case

Contains everything you need to service and maintain your S2000 sprayer. Great for professionals who spray every day.

**Ref. 283581**



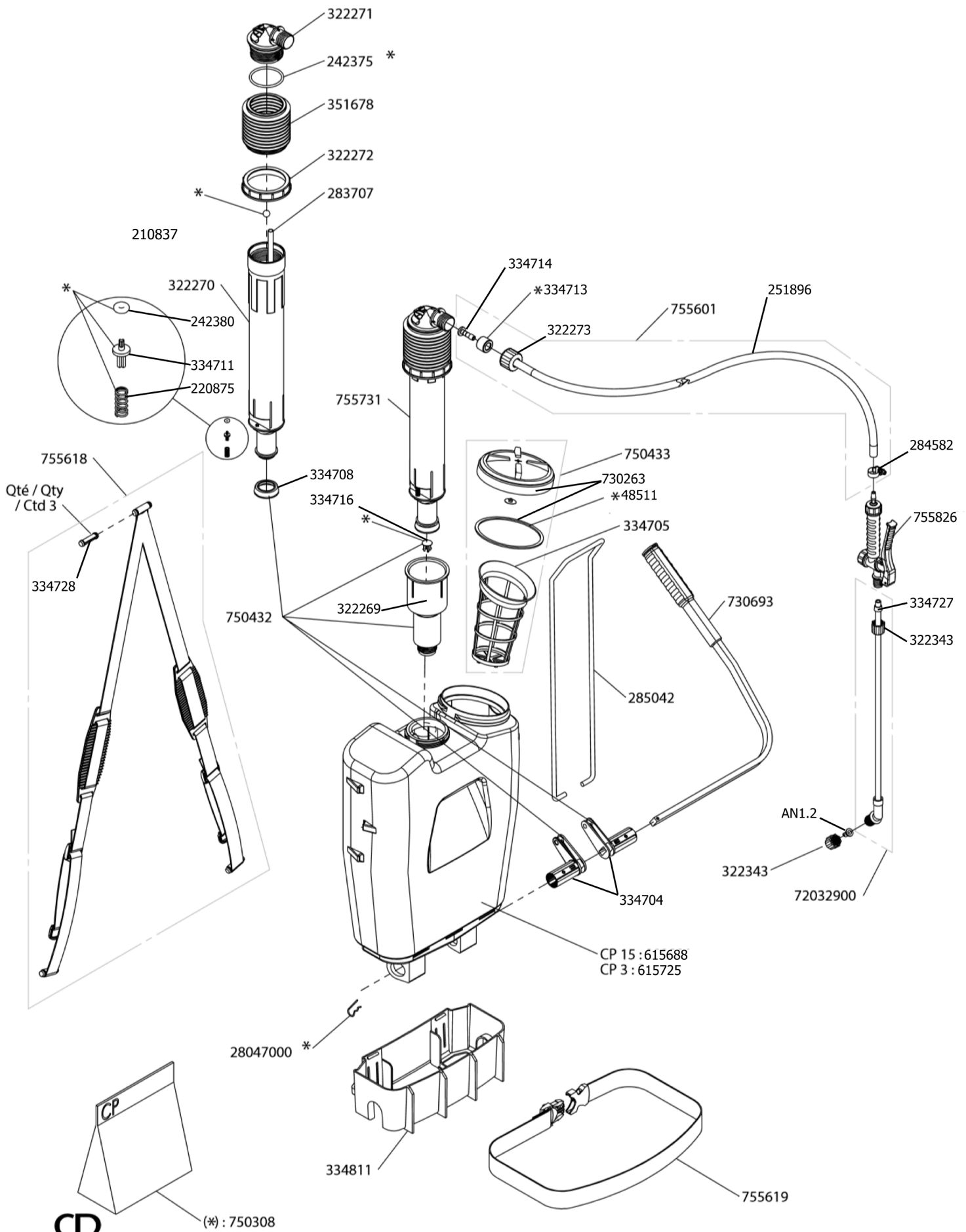
# Series 2000 Spares

Code	Description		
AN1.2	Polijet Nozzle AN1.2 - Green	334711	CP Pressure Limit Plunger
48511	CP S2000 Lid Seal	334713	CP Hose Grommet
210837	CP S2000 Ball Bearing	334714	CP Plastic Hose Spigot
220875	CP S2000 Pressure Limit Spring	334727	CP Lance Grommet
242375	CP S2000 Pump Cap O Ring	334811	CP Skirt S2000
242380	CP Pressure Limiter O Ring	347707	CP S2000 Operating Lever Cap
251896	CP Plain Hose 1.4M	351678	CP Bellow S2000
283581	CP S2000 Service Case	615688	CP Tank for CP15 2000
283707	CP Dip Tube for 2000	615725	CP Tank for CP3 2000
284582	CP Hose Clip	730263	CP S2000 Lid with Seal
285042	CP Push Rod S2000	730100	CP S2000 Pump Assembly
322269	CP S2000 Piston Cup	730693	CP S2000 Operating Lever
322270	CP S2000 Lower Pump	750308	CP Service Pack S2000
322271	CP S2000 Pump Cap	750432	CP S2000 Piston Pack
322272	CP S2000 Threaded Collar	750433	CP Cap/Strainer Pack S2000
322273	CP Hose Screw Cap	755601	CP Hose Assembly S2000
322343	CP Nozzle Cap	755618	CP Harness S2000
334704	CP S2000 Bearing Crank	755619	CP Waist Belt S2000
334705	CP S2000 Strainer	755731	CP S2000 Complete Pump
334708	CP Piston Cup Seal	755826	CP Plastic Trigger Assembly
334716	CP Poppit Valve	28047000	CP Op. Lever R Clip S2000
334728	CP Harness Pin	72032900	CP Lance with Elbow 0.5M



# CP 15 / CP 3 Série 2000

Réf : CP15 : 846341 / CP3 : 846361



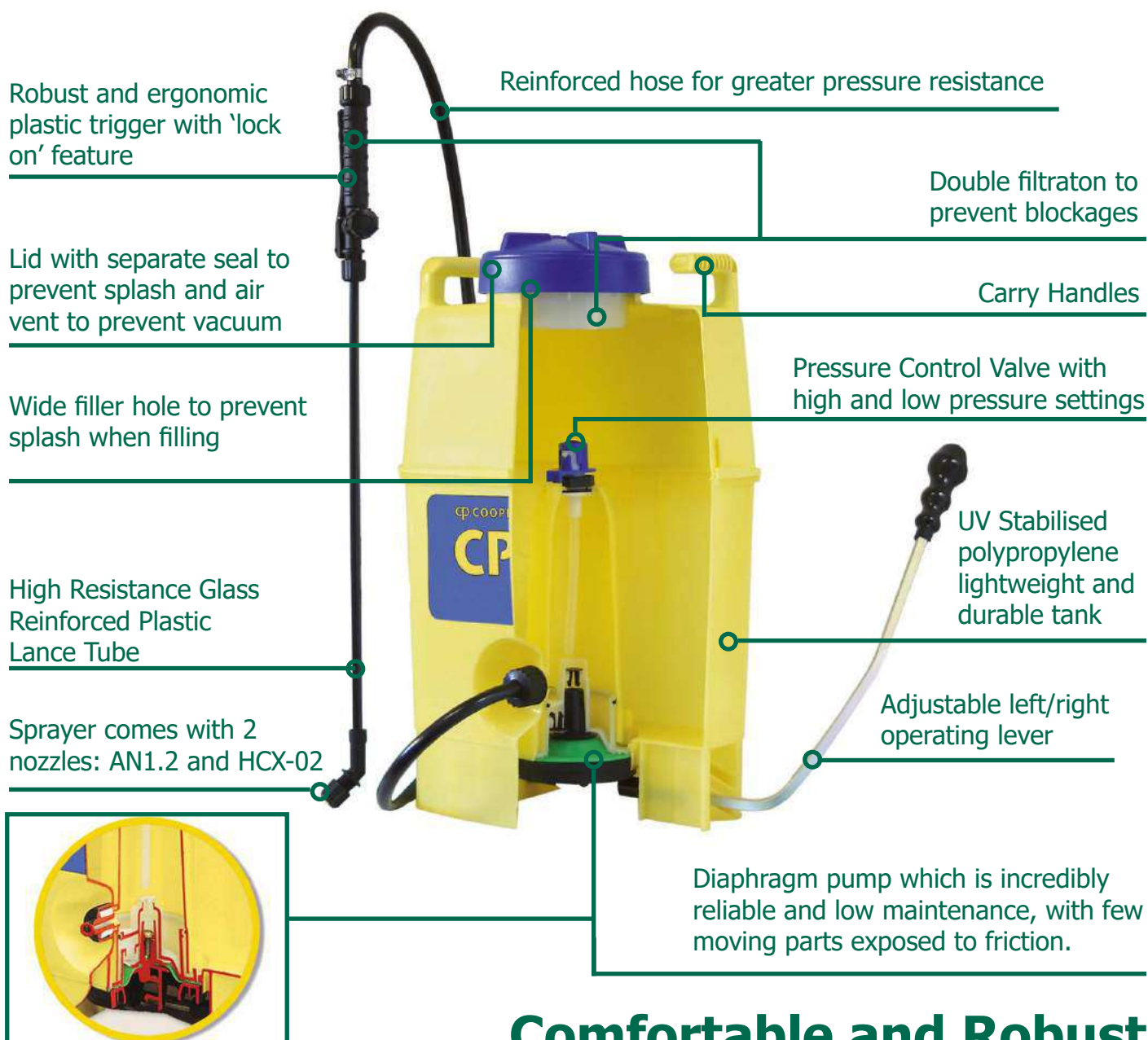




# Evolution

**CP15 - 15 Litres**  
**CP3 - 20 Litres**

## Key Features



## Comfortable and Robust

The diaphragm pump system ensures the longevity of the sprayer as well as precise protection for your crops. All versions sold into the UK market are equipped with an ultra comfortable padded harness complete with waist belt for improved weight distribution. Other popular features include:

High and Low Pressure Settings  
High resistance glass reinforced plastic (GRP) lance  
Reinforced hose for greater pressure resistance  
Carrying Handles

Reference Code	Product Name	EAN code	Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	Quantity per pallet Euro/Standard
848258	CP 15 Evolution Comfort	3414438482586	1	345x280x490	4.25	32/
848255	CP 3 Evolution Comfort	3414438482555	1	350x280x595	4.90	24/30

## Safety Harness

This padded harness comes as standard with both sizes of Evolution model supplied into the UK market



Adjustable straps with reinforced foam and tensioners

Chest strap alleviates lateral tension

Adjustable straps with reinforced foam and tensioners

Reinforced back support



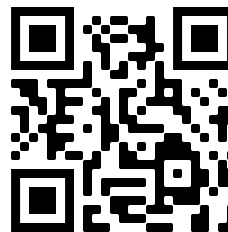
## Servicing Your Sprayer



Ref. 334700

### Diaphragm Pump

This diaphragm pump is simple and easy to service. The diaphragm (**334700**) can be replaced alone or alongside other seals and wearing parts with the Evolution service pack (**750405**).



### Video help

Point your smart phone camera at this QR code to watch a Youtube video to help with maintenance of this sprayer

### Trigger



Ref. 755826

There are also wearing parts and seals in your trigger which should be inspected and also check for blockages in your trigger filter (**334731**).

There is also a service pack available specifically for your CP Trigger **ref. 755600**



### Service Case

Contains everything you need to service and maintain your Classic sprayer. Great for professionals who spray every day and service their sprayers regularly.

**Ref. 283579**



# Evolution Spares

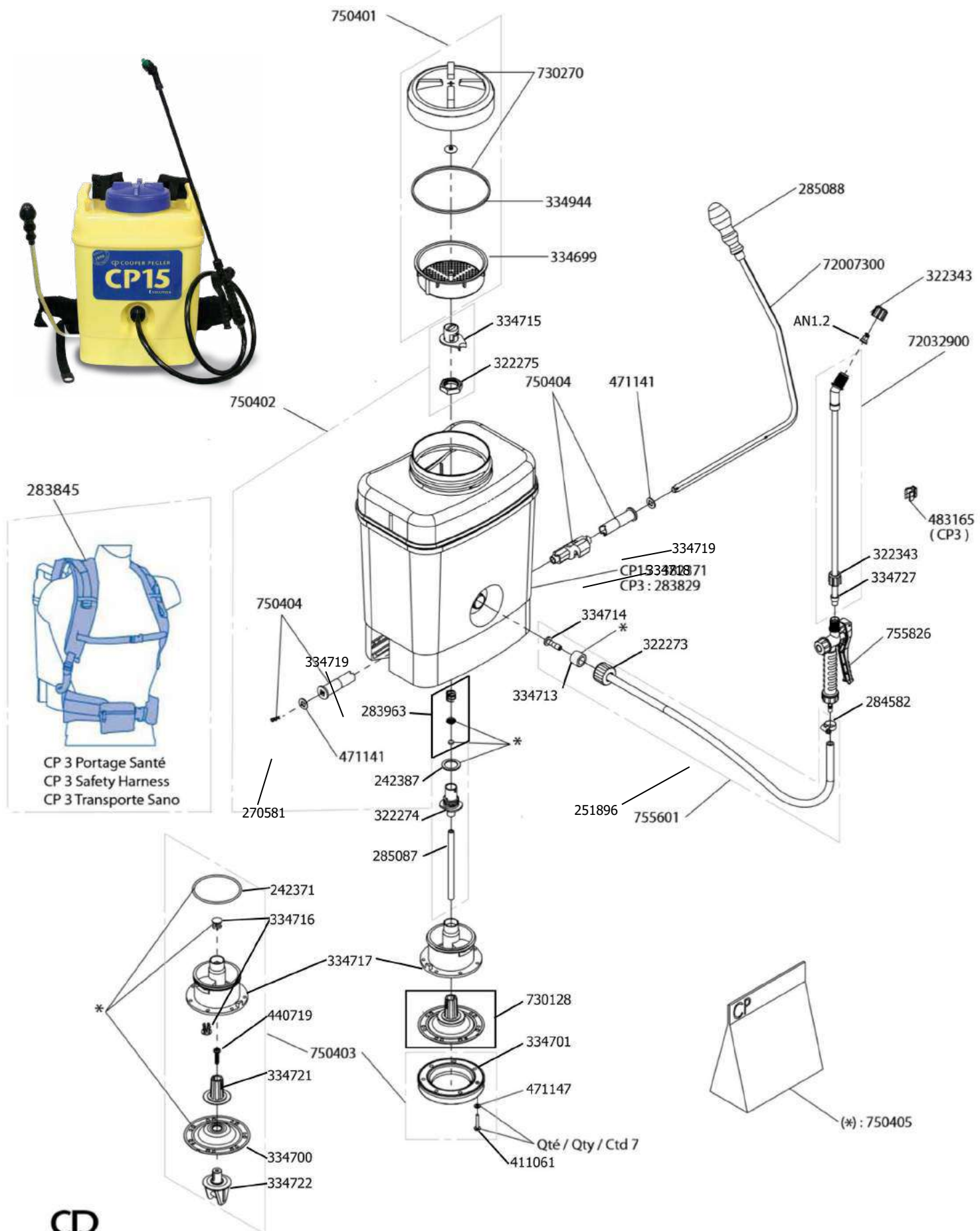
Code	Description		
AN1.2	Polijet Nozzle AN1.2 - Green	334718	CP Crank for Classic
242371	CP Classic Cylinder O Ring	334719	CP Bearing for Classic
242387	CP Classic Relief valve washer	334721	CP Diaphragm Holder Upper
251896	CP Plain Hose 1.4M	334722	CP Diaphragm Holder Lower
270581	CP Classic Op. Lever R Clip	334727	CP Lance Grommet
283829	CP3 Evolution Tank	334944	CP Classic Lid Seal
283845	CP Harness for Evolution	382371	CP15 Evolution Tank
283963	CP Relief Valve Spring	411061	CP Clamp Ring Screw
284582	CP Hose Clip	440719	CP Diaphragm Holder Screw
285087	CP Classic Relief Valve Dip Tube	471141	CP Op. Lever Locating Plate
285088	CP Classic Op. Lever Hand Grip	471147	CP Classic Nylon Clamp Washer
322274	CP Classic Relief Valve Body	483165	CP Lance Clip
322273	CP Hose Screw Cap	730128	CP Complete Diaphragm
322275	CP Classic Relief Valve Nut	730270	CP Classic Lid with Seal
322343	CP Nozzle Cap	750401	CP Cap/Strainer Pack Classic
334699	CP Classic Strainer	750402	CP Relief Valve Pack
334700	CP Diaphragm	750403	CP Lower End Pack
334701	CP Classic Clamp Ring	750404	CP Crank Pack
334713	CP Hose Grommet	750405	CP Service Pack Evolution
334714	CP Plastic Hose Spigot	755601	CP Hose Assembly Evolution
334715	CP Relief Valve Cap	755826	CP Plastic Trigger Assembly
334716	CP Poppit Valve	72007300	CP Op. Lever Classic/Evolution
334717	CP Classic Cylinder Liner	72032900	CP Lance with Elbow 0.5M





# CP 15 / CP 3

Réf : CP15 : 846300 / CP3 : 848118





# Maxipro

## Key Features



Sprayer comes with 2 nozzles:  
AN1.2 and HCX-02

Reinforced hose for greater  
pressure resistance

High Resistance Glass  
Reinforced Plastic Lance Tube  
CP8 - 0.5m  
CP5 - 0.37m

Safety valve with a maximum of  
3 Bar pressure

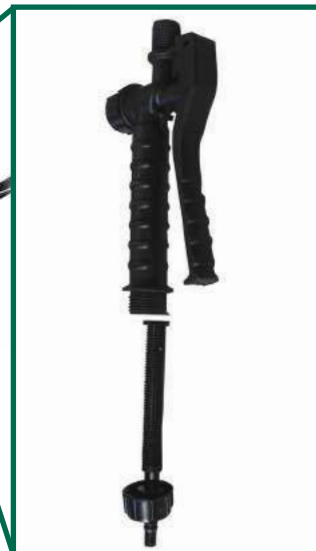
Lance Park for convenient  
storage

Transparent tank with moulded  
indicator

Adjustable, non-absorbant  
shoulder strap

Base stabilisers

Robust and ergonomic plastic  
trigger with 'lock on' feature



## Note

The Maxipro sprayer was redesigned in 2010 so if your sprayer looks more like the picture to the right than the one above, there are a few differences when it comes to parts replacements, namely that many are now obsolete. Get in touch if you need a pre-2010 maxipro parts diagram and we will try to help where possible.



Reference Code	Product Name	EAN code	Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	Quantity per pallet - Euro
846249	CP 5 Maxipro	3414438462496	1	200x200x520	2.00	96
846250	CP 8 Maxipro	3414438462502	1	200x200x690	2.80	72

## Simplicity and Accuracy

A professional compression sprayer which is excellent for garden use as well as being capable of doing contractor type work.

This sprayer comes with the Cooper Pegler trigger assembly as standard; it is still the best operating valve on the market and also fits all the Cooper Pegler lance tubes and accessories.

## Servicing Your Sprayer

### Maintenance Kit



Ref. 283746 Service Pack

This kit contains the replacement seals for the maxipro pump assembly **ref. 283746**

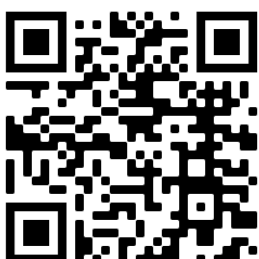
You can also very easily replace the pump assembly itself **ref. 283587**.

### Trigger



There are also wearing parts and seals in your trigger which should be inspected and you may also need to check for blockages in your trigger filter **ref. 334731**.

There is also a service pack available specifically for your CP Trigger **ref. 755600**



### Video help

Point your smart phone camera at this QR code to watch a Youtube video to help with maintenance of this sprayer







# Maxipro Spares

Code	Description
AN1.2	Polijet Nozzle AN1.2 - Green
283142	CP Maxipro Pump Collar
283587	CP Maxipro Pump Assembly CP5/CP8
283599	CP Complete Hose CP5/CP8 with Dip Tube
283600	CP Maxipro Strap
283746	CP Maxipro Service Pack Post-2010
284582	CP Hose Clip
322343	CP Nozzle Cap
334727	CP Lance Grommet
410944	CP Maxipro Pump Foot Valve from pack 283746
483025	CP Maxipro Pump Handle
483086	CP Maxipro Dip Tube Spigot
483165	CP Lance Clip
483174	CP Maxipro Base
483175	CP Maxipro Tank
750209	CP Maxipro Dip Tube Spigot O Ring
755826	CP Plastic Trigger Assembly
782293	CP Maxipro Upper Pump Seal from pack 283746
782294	CP Maxipro Lower Pump Seal from pack 283746
72033100	CP Lance with Elbow 0.37M (CP5)
72032900	CP Lance with Elbow 0.5M

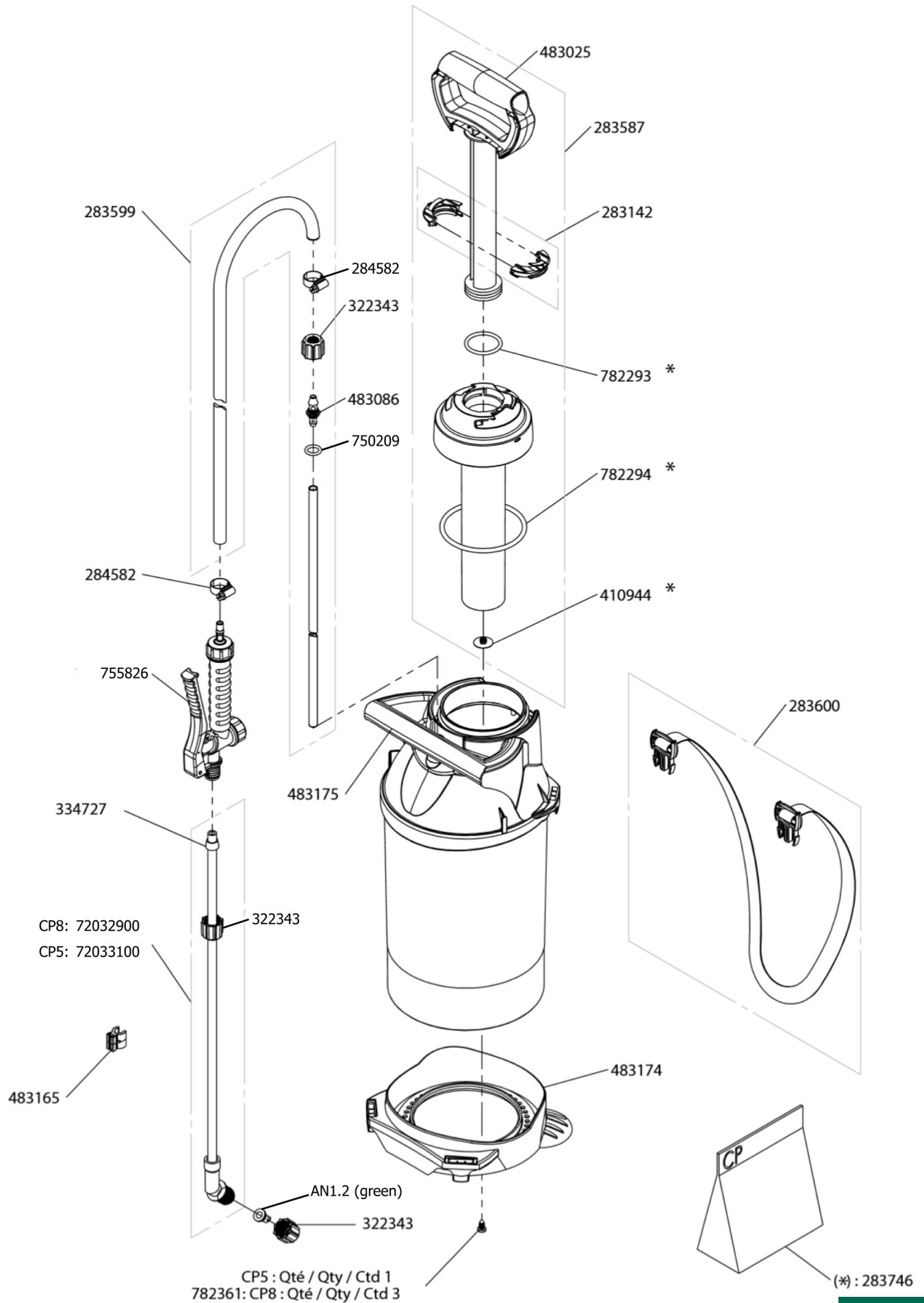


Ref. 283746 Service Pack



# CP 5 / CP 8 Maxi Pro

Réf : CP5 : 846249 / CP8 : 846250





# CP2 Minipro

Ref. 848161

## For Everyday Professional Use



Primarily designed for spot treatment these hand held sprayers are lightweight and small.



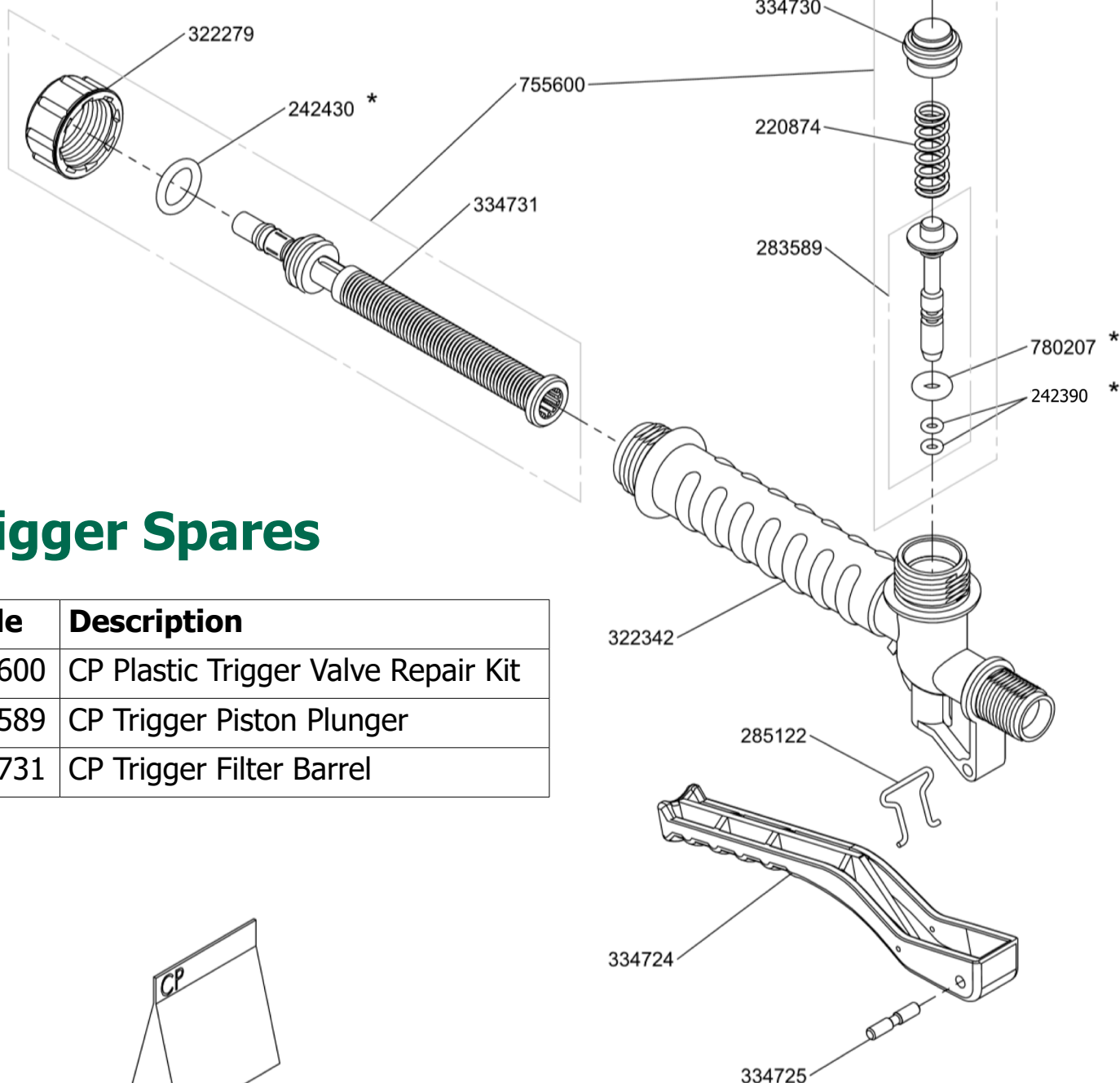
Reference Code	Product Name	EAN code	Item weight (kg)	Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)
848161	CP2 Minipro	3414438481619	0.60	6	295 x 400 x 320	4.00





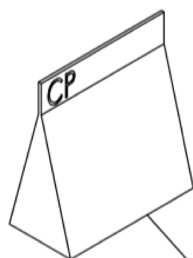
# Trigger Ref. 755826

## Plastic Trigger Assembly



## Trigger Spares

Code	Description
755600	CP Plastic Trigger Valve Repair Kit
283589	CP Trigger Piston Plunger
334731	CP Trigger Filter Barrel



(\*) : CP 2000 : 750308  
CP Classic : 750405

**CP**  
**COOPER PEGLER**  
SPRAYING TECHNOLOGY



### Video help

Point your smart phone camera at this QR code to watch a Youtube video to help with trigger maintenance



# Double Nozzle Packs

## DBL750283 - Low Volume Double Nozzle Pack



## DBL750285 - Flat Fan Double Nozzle Pack



## DBL750286 - Evenspray Double Nozzle Pack



## DBL750292 - Hollow Cone Double Nozzle Pack





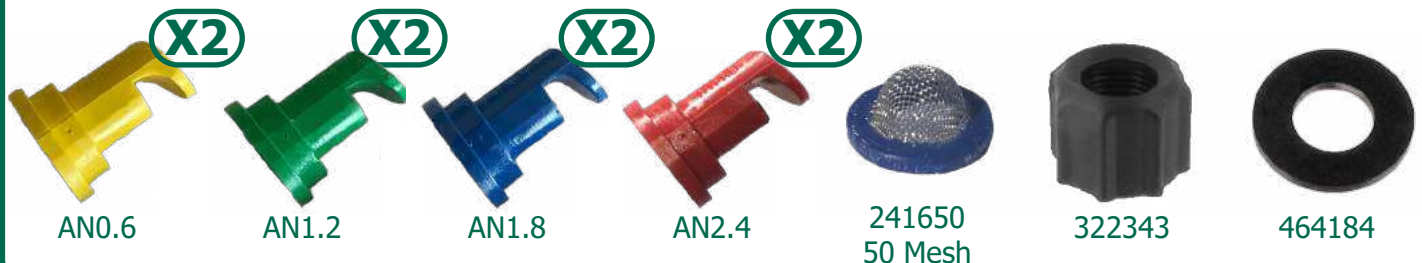
## DBL750293 - Full Cone Nozzle Pack



## DBL750305 - Standard Double Nozzle Pack



## DBL750306 - Polijet Double Nozzle Pack



## DBL750307 - High Volume Nozzle Pack







# Double Nozzle Packs

Code		Description	Contents
DBL571001		Anvil Nozzle Pack - Yellow	10 X AN0.6 Polijet - Yellow
DBL571002		Anvil Nozzle Pack - Green	10 X AN1.2 Polijet - Green
DBL571003		Anvil Nozzle Pack - Blue	10 X AN1.8 Polijet - Blue
DBL571004		Anvil Nozzle Pack - Red	10 X AN2.4 Polijet - Red
DBL571024		Evenspray Nozzle Pack - Green	10 X 015 E80 Green Evenspray
DBL571005		Evenspray Nozzle Pack - Yellow	10 X 02 E80 Yellow Evenspray
DBL571006		Evenspray Nozzle Pack - Blue	10 X 03 E80 Blue Evenspray
DBL571007		Evenspray Nozzle Pack - Red	10 X 04 E80 Red Evenspray
DBL571008		Flat Fan Nozzle Pack - Orange	10 X 01 F110 Orange Flat Fan
DBL571025		Flat Fan Nozzle Pack - Green	10 X 015 F110 Green Flat Fan
DBL571009		Flat Fan Nozzle Pack - Yellow	10 X 02 F110 Yellow Flat Fan
DBL571010		Flat Fan Nozzle Pack - Blue	10 X 03 F110 Blue Flat Fan
DBL571011		Flat Fan Nozzle Pack - Red	10 X 04 F110 Red Flat Fan
DBL571026		Flat Fan Nozzle Pack - Brown	10 X 05 F110 Brown Flat Fan



Code		Description	Contents
DBL571027		Flat Fan Nozzle Pack - Grey	10 X 06 F110 Grey Flat Fan
DBL571028		Flat Fan Nozzle Pack - White	10 X 08 F110 White Flat Fan
DBL571012		Hollow Cone Nozzle Pack - Yellow	10 X HCX 02 Yellow Hollow Cone
DBL571013		Hollow Cone Nozzle Pack - Red	10 X HCX 04 Red Hollow Cone
DBL571014		Hollow Cone Nozzle Pack- Brown	10 X HCX 05 Brown Hollow Cone
DBL571015		Hollow Cone Nozzle Pack - Grey	10 X HCX 06 Grey Hollow Cone
DBL571016		Low Volume Nozzle Pack - Orange	10 X DT 0.5 Orange Deflector Tip
DBL571017		Low Volume Nozzle Pack - Green	10 X DT 0.75 Green Deflector Tip
DBL571018		Low Volume Nozzle Pack - Yellow	10 X DT 1.0 Yellow Deflector Tip
DBL571019		Low Volume Nozzle Pack - Blue	10 X DT 1.5 Blue Deflector Tip
DBL571020		Low Volume Nozzle Pack - Red	10 X DT 2.0 Red Deflector Tip
DBL571021		High Volume Nozzle Pack - Blue	10 X DT 5.0 Blue Deflector Tip
DBL571022		High Volume Nozzle Pack - Green	10 X DT 7.5 Green Deflector Tip
DBL571023		High Volume Nozzle Pack - Black	10 X DT 10 Black Deflector Tip



# Nozzle Packs

## 7558131

### 1 Bar Pressure Control Valve



7558131



355820

## 7558161

### Pressure Control Valve and Nozzle Pack for Cooper Pegler

(X2)



7558131



AN0.6



AN1.2



AN2.4



FCX-02



241650  
50 Mesh



464184

## 7558166

### Pressure Control Valve and Nozzle Pack for Berthoud

(X2)



7558131



282248



AN0.6



AN1.2



AN2.4



FCX-02



241650  
50 Mesh



464184

(X2)

## Nozzle Accessories



322267 Nozzle Body



322343 Nozzle Cap



464184 Washer







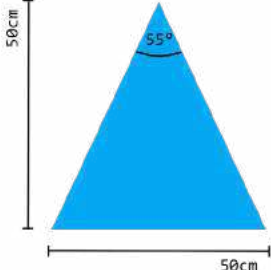


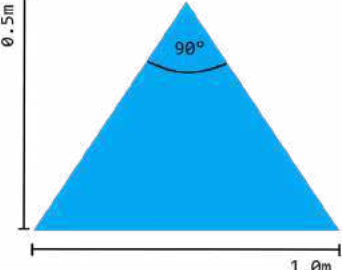


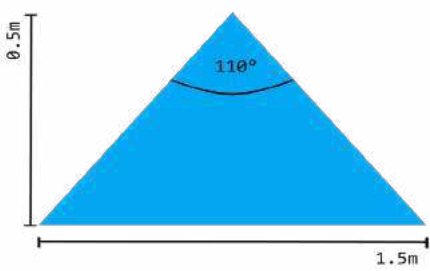


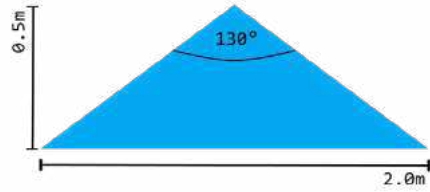
Code	Description	Contents
750283	VLV Nozzle Pack	3 X low volume deflector nozzles, nozzle cap, nozzle body and 100# filter with seal
750292	Hollow Cone Nozzle Pack	4 X hollow cone nozzles, nozzle cap, nozzle body and 50# filter with seal
750286	Evenspray Nozzle Pack	3 X 80° evenspray nozzles, nozzle cap, nozzle body and 50# filter with seal
750285	Flat Fan Nozzle Pack	5 X 110° flat fan nozzles, nozzle cap, nozzle body and 50# filter with seal
750305	Standard Nozzle Pack	1 X AN1.2 Polijet nozzle, 1 X fan jet nozzle, 1 X cone nozzle, nozzle cap, nozzle body and 50# filter with seal
750306	Polijet Nozzle Pack	4 X hollow cone nozzles, nozzle cap, nozzle body and 50# filter with seal
571001	Anvil Nozzle Pack - Yellow	5 X AN0.6 Polijet Nozzle - Yellow
571002	Anvil Nozzle Pack - Green	5 X AN1.2 Polijet Nozzle - Green
571003	Anvil Nozzle Pack - Blue	5 X AN1.8 Polijet Nozzle - Blue
571004	Anvil Nozzle Pack - Red	5 X AN2.4 Polijet Nozzle - Red
571005	Evenspray Nozzle Pack - Yellow	5 X 02 E80 Yellow Evenspray Nozzles
571006	Evenspray Nozzle Pack - Blue	5 X 03 E80 Blue Evenspray Nozzles
571007	Evenspray Nozzle Pack - Red	5 X 04 E80 Red Evenspray Nozzles
571008	Flat Fan Nozzle Pack - Orange	5 X 01 F110 Orange Flat Fan Nozzles
571009	Flat Fan Nozzle Pack - Yellow	5 X 02 F110 Yellow Flat Fan Nozzles
571010	Flat Fan Nozzle Pack - Blue	5 X 03 F110 Blue Flat Fan Nozzles
571011	Flat Fan Nozzle Pack - Red	5 X 04 F110 Flat Fan Nozzles
571012	Hollow Cone Nozzle Pack - Yellow	5 X HCX 02 Yellow Hollow Cone Nozzles
571013	Hollow Cone Nozzle Pack - Red	5 X HCX 04 Red Hollow Cone Nozzles
571014	Hollow Cone Nozzle Pack- Brown	5 X HCX 05 Brown Hollow Cone Nozzles
571015	Hollow Cone Nozzle Pack - Grey	5 X HCX 06 Grey Hollow Cone Nozzles
571016	VLV Anvil Nozzle Pack - Orange	5 X DT 0.5 Orange Deflector Tip Nozzles
571017	VLV Anvil Nozzle Pack - Green	5 X DT 0.75 Green Deflector Tip Nozzles
571018	VLV Anvil Nozzle Pack - Yellow	5 X DT 1.0 Yellow Deflector Tip Nozzles
571019	VLV Anvil Nozzle Pack - Blue	5 X DT 1.5 Blue Deflector Tip Nozzles
571020	VLV Anvil Nozzle Pack - Red	5 X DT 2.0 Red Deflector Tip Nozzles



# Polijet / Anvil Nozzles

Polijet nozzles have been designed specifically for knapsack applications, giving a low drift, coarse, even spray pattern. The Polijet nozzle can create a wide pattern at very low pressures while creating mainly medium and coarse droplets. It is well suited for sprayers using pressures between 1-3 bar, such as manual sprayers. The circular orifice reduces the chances of blocking and the choice of spray angles offer a choice of swath widths between 50cm to 2m with a 50cm nozzle height. Flow rates from 0.6 to 3.79l/min. For more info on flow rates, please see the nozzle chart section at the back of the catalogue.

**We supply these nozzles individually in any quantity.**

Code	Nozzle	Spray Pattern	Spray Width and Angle
<b>AN0.6</b>		 Even Spray	
<b>AN1.2</b>		 Even Spray	
<b>AN1.8</b>		 Even Spray	
<b>AN2.4</b>		 Even Spray	



# Deflector Nozzles

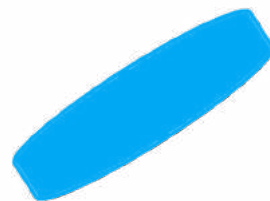
The DeflecTip wide-angle flood even spray nozzle creates a wide pattern at very low pressures while creating mainly medium and coarse droplets. With a wide variance of spray angles in the range, these nozzles are well suited to situations where a wide angle or a low spray height is desired and on sprayers using very low pressures, including manual knapsack sprayers.

Larger sizes are suitable for liquid fertilizer applications

Large circular orifice reduces the chances of blocking

For more info on flow rates, please see the nozzle chart section at the back of the catalogue.

## Even Spray Pattern



DT0.5



DT0.75



DT1.0



DT1.5



DT2.0



DT2.5



DT3.0



DT4.0



DT5.0



DT7.5



DT10



DT15



DT20

**We supply these nozzles individually in any quantity.**





# Full Cone 80° Nozzles

The FCX full-cone spray nozzle is especially suited for coverage sensitive applications of insecticide/fungicides. Other features include:

- The full cone pattern gives superior coverage with non-air induced droplets
- 80° spray angle makes the product easy to direct for spot applications.
- Broad operating range for application flexibility

**We supply these nozzles individually in any quantity.**



FCX02



FCX03



FCX04



FCX05



FCX06



FCX08

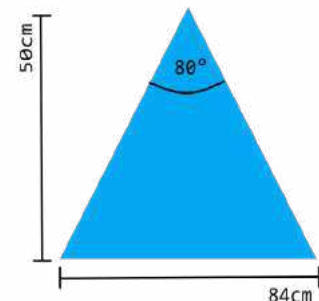
## Full Cone Spray Pattern



## Output Angle - 80 degrees



## Width at 50cm height from ground





# Hollow Cone 80° Nozzles

Hollow cone nozzles consist of a disc/core inserted into a disc supplying a hollow cone jet. The core can be easily removed for cleaning operations. Other features include:

- Made of molded Delrin®, a polymer ensuring high chemical stability and durability
- Can be used in crop spraying booms
- Perfect for knapsack sprayers
- Hollow cone nozzles can be used to spray onto or under the leaves or to have a smooth coverage.
- Suitable for use in leaf spraying of insecticides and fungicides, since they produce small drops already at 3 bars.

**We supply these nozzles individually in any quantity.**



HCX02



HCX04

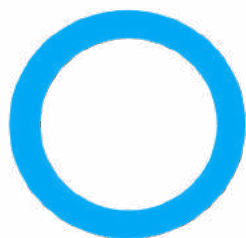


HCX05



HCX06

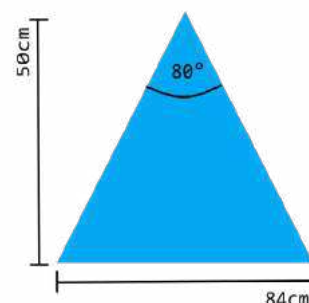
## Hollow Cone Spray Pattern



## Output Angle - 80-100 degrees



## Width at 50cm height from ground at 80 degrees





# Evenspray 80° Nozzles

The Hypro Even Flat Fan spray nozzle creates a consistent pattern that is ideal for single nozzle applications. The even spray pattern provides a precise application rate where no spray overlap is desired. This range of nozzles is commonly used with knapsack sprayers for precise control. Other features include:

- 80° angle distributes a medium fine spray evenly across the swath
- Mixed droplet spectrum is ideal for all targets
- Large range of flow rates available to meet your application requirements

**We supply these nozzles individually in any quantity.**



E80-01



E80-015



E80-02



E80-03



E80-04



E80-05



E80-06

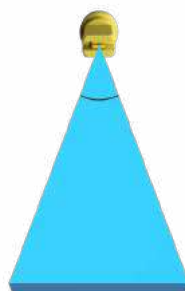


E80-08

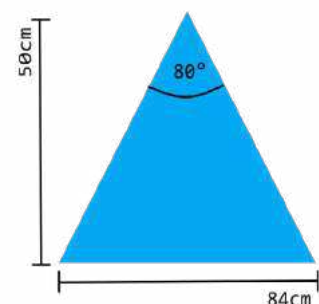
## Even Spray Pattern



## Output Angle - 80 degrees



## Width at 50cm height from ground







# Flat Fan 80° Nozzles

The FanTip is a general spray nozzle that produces a mixed droplet spectrum over the 30-60 psi (2-4 bar) operational pressure range. Versatile nozzle suitable for the overall application of herbicides, fungicides, insecticides and growth regulators. Other features include:

- Good for broadcast applications.
- Economical option for general spraying
- Simple one-piece design
- Polyacetal construction for superior product life compared to stainless steel or brass
- Mixed droplet spectrum allowing delivery of effective dose to wide range of targets

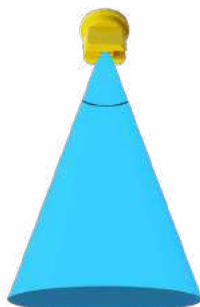
**We supply these nozzles individually in any quantity.**



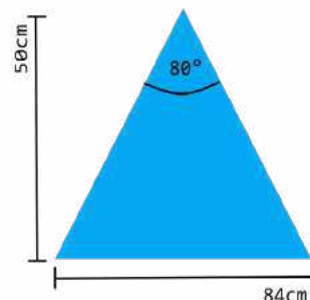
**Fan Spray Pattern**



**Output Angle  
- 80 degrees**



**Width at 50cm height  
from ground**





# Flat Fan 110° Nozzles

The 110 degree flat fan nozzle is most commonly used in boom spraying at half meter intervals. The F110-02 comes as standard in all Cooper Pegler booms. This nozzle can also be used as a single spray nozzle with a knapsack sprayer. This versatile nozzle is suitable for the overall application of herbicides, fungicides, insecticides and growth regulators, the range has a mixed droplet spectrum allowing delivery of effective dose to wide range of targets.

**We supply these nozzles individually in any quantity.**



F110-01



F110-015



F110-02



F110-025



F110-03



F110-04



F110-05



F110-06



F110-08



F110-10



F110-15



F110-20

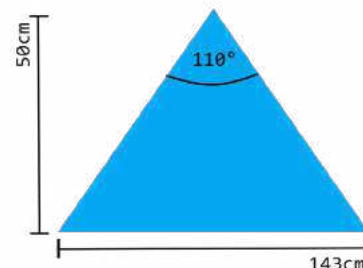
## Fan Spray Pattern



## Output Angle - 110 degrees



## Width at 50cm height from ground





# Low-drift Flat Fan 120°

The Pentair Hypro Ultra Lo-Drift is the ideal spray nozzle for use where drift reduction is paramount. Ideal for use with pre-emergence and broad spectrum products.

Engineered for superior spray uniformity at all pressures (20-115 psi)

Patented Dual Air Inlet design for reduced drift in a smaller footprint

ISO standard colors and sizing ensure that the ULD fits all standard caps and TwinCap

Precision-molded in tough and durable polyacetal

Available as standard tip and as convenient FastCap for safer handling

**We supply these nozzles individually in any quantity.**



ULD120-015



ULD120-02



ULD120-025



ULD120-03



ULD120-04



ULD120-05



ULD120-06

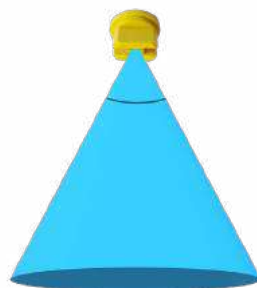


ULD120-08

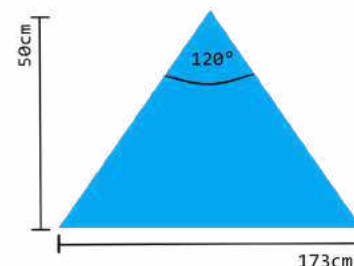
## Fan Spray Pattern



## Output Angle - 120 degrees



## Width at 50cm height from ground





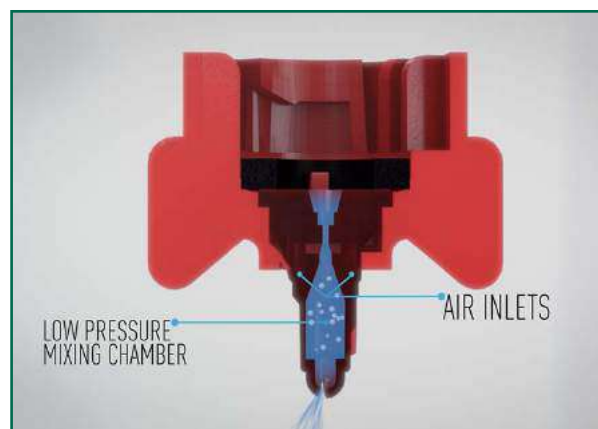


# Guardian Air Nozzles

The Hypro GuardianAIR is the only spray nozzle with a pattern and droplet size scientifically designed to maximize coverage and productivity at spray rates around 10 GPA.

Inclined spray pattern of 10-13° provides increased spray coverage  
Optimized for performance and high productivity, especially for application rates around 10 GPA  
Reduce drift and environmental impact while increasing droplet deposition and retention on the foliage with air-induced spray  
Provides better coverage with more drops per gallon compared to other common air-induced spray tips

**We supply these nozzles individually in any quantity.**



**Coloured bayonet nozzle caps supplied separately.**

**These nozzles will fit into standard M18 Nozzle caps.**



GA110-015



GA110-02



GA110-025



GA110-03



GA110-04



GA110-05

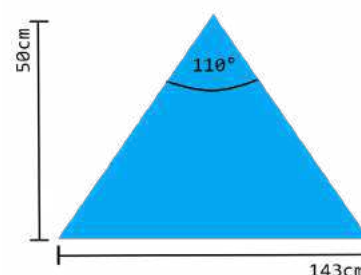
## Fan Spray Pattern



## Output Angle - 110 degrees



## Width at 50cm height from ground





# Bubblejet Nozzles

Award winning, internationally renowned and industry leading range of air inclusion nozzles. Manufactured in Britain, these precision made LERAP 3 star rated nozzles are suitable for most sprayers including VLV, HV applications and knapsacks. Ten nozzle variations are available with application rates ranging from 20 – 905 litres per hectare

**We supply these nozzles individually in any quantity.**



BBJ-01



BBJ-015



BBJ-02



BBJ-025



BBJ-03



BBJ-035



BBJ-04



BBJ-05



BBJ-06



BBJ-08

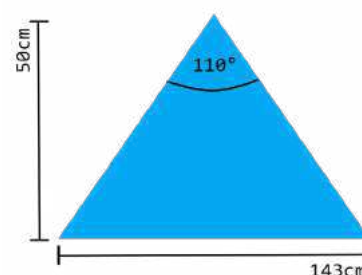
## Fan Spray Pattern



## Output Angle - 110 degrees



## Width at 50cm height from ground





# Filters

	Code	Description
	241650	Bowler Hat Filter 50 Mesh
	241650CR	Bowler Hat Filter 50 Mesh with Copper Rim
	2416100CR	Bowler Hat Filter 100 Mesh with Copper Rim
	725043AG	Nozzle Filter Blue 50 Mesh
	725044AG	Nozzle Filter Green 100 Mesh
	725042	CP 80 Mesh Nozzle Filter Red with seal
	725043	CP 50 Mesh Nozzle Filter Blue with seal
	725044	CP 100 Mesh Nozzle Filter Yellow with seal
	725510	Ball Check Filter Blue 50 Mesh
	725550	Ball Check Filter Green 100 Mesh





# Adaptors

## 322267 CP Plastic Nozzle Body



1/4inch BSP female to M18 male adaptor most commonly used at the end of a brass lance to allow the M18 plastic nozzle fittings

## 147351 1/4" to M18 Adaptor



1/4inch BSP female to M18 male adaptor most commonly used to connect a brass trigger to a plastic lance tube

## 741244 M18 to 1/4" Adaptor



M18 female to 1/4inch BSP male adaptor most commonly used to connect a plastic trigger to a brass lance tube



Berthoud was founded in 1895, their broad product range is considered highly professional. The Vermorel sprayers in particular have been praised for their design, prioritising the comfort of the user.

## Sprayers

Code	Description	Capacity (L)
102022	Berthoud Vermorel 2000 Pro Comfort	16
102084	Berthoud Vermorel 1800	16
102140	Berthoud Vermorel 3000 Electric	18
102141	Berthoud Vermorel 3000 Electric with Chariot	18
102215	Berthoud Cosmos 18 Pro	18
101001	Berthoud Elyte 8 Pro	6
101003	Berthoud Elyte 8 DIY	6
101004	Berthoud Elyte 14 Pro	8
101750	Berthoud Elyte 2 Plant Care	1.5
101751	Berthoud Elyte 2 DIY Viton	1.5





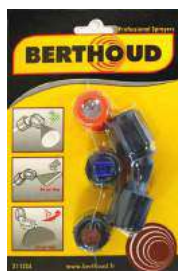
# Accessories

Code	Description
200560	Berthoud Hollow Cone Nozzle Pack
200601	Berthoud Weed Control Nozzle Pack
211324	Berthoud All Treatments Nozzle Pack
455004	Berthoud Weed Control Spray shield
283983	Berthoud Red 1 Bar pressure regulator
200806	Berthoud Yellow 1 Bar pressure regulator
219374	Berthoud Silicone grease 10g
215071	Berthoud Four nozzle boom
220516	Berthoud Two nozzle boom adjustable
255044	Berthoud Three nozzle boom
251327	Berthoud 0.60M Composite Lance with Elbow
280310	Berthoud Profile Trigger
280324	Berthoud Trigger with Aluminium Lance
280327	Berthoud Trigger with Composite Lance
280362	Berthoud 0.6-1.0m Telescopic Lance with elbow
280326	Berthoud 1.2- 2.4m Giant telescopic lance
282447	Berthoud 1.2-3.6m Giant telescopic lance

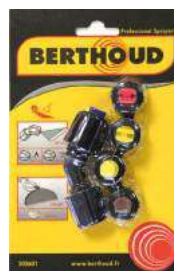
## Nozzle Packs



200560  
Hollow Cone Nozzle kit



211324  
All Treatments Nozzle Kit



200601  
Herbicide Nozzle Kit

Choose between three nozzle kits from Berthoud:

- 200560 Hollow Cone Nozzle Kit - with 4 mist hollow cone jets (sizes 10, 12, 15 and 18/10)
- 211324 All Treatments Nozzle Kit - with 2 mist jets (sizes 8 and 15/10) 1 flat fan and 1 deflector nozzle
- 200601 Herbicide Nozzle Kit - with 3 flat fan and 2 deflector nozzles



# Berthoud Accessories

## Booms

Booms convert a single nozzle spray lance to a multi nozzle lance in order to more efficiently treat a larger surface.



**220515**  
Spray boom with 2  
swivel mounted nozzles



**255044**  
3 nozzle boom



**215071**  
4 nozzle boom



**220515** Spray boom with 2 swivel mounted nozzles



**255044** 3 nozzle boom

## Lance Extensions



**280363** 0.6m Composite lance extension



**280364** 0.6m Aluminium lance extension



**211507** Flexible extension tube

### Ref. 280363

0.6m composite  
lance extension

### Ref. 280364

0.6m aluminium  
lance extension

### Ref. 211507

Flexible extension  
tube for reaching  
difficult to access  
places such as  
hanging baskets  
and guttering etc.

## Silicone Grease

### Ref. 219374



**Ref. 219374**

Sprayer maintenance  
is key for longevity.  
At least once or twice  
a year, (or more if  
the sprayer is used  
intensively) it is  
necessary to grease all  
the seals.

Product contains 10g  
of silicone grease. Also  
compatible with other  
brands of sprayers such  
as Cooper Pegler or  
Laser.





# 1 Bar Pressure Regulator Valves

- Pressure Regulators help to apply chemical accurately by constantly preventing pressure fluctuations and ensuring dosage stability.
- When using a pressure regulator you can confidently calculate application rates by reducing the pressure variability.
- Protect the environment through prevention of over-application of chemicals
- Can be used with all commercially available professional nozzles.
- Integrated anti-drip system

## Ref. 200806 Yellow 1 Bar Pressure Regulator



Ref. 200806



Ref. 200806 Regulator placement at the end of the lance.

## Ref. 283983 Red 1 Bar Pressure Regulator

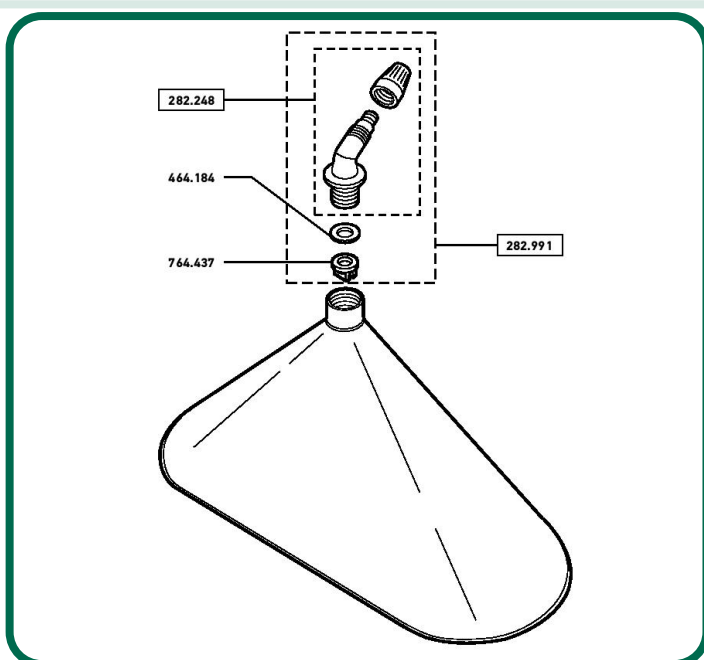


Ref. 283983 Red 1 bar pressure regulator. Placement between trigger and Lance.



Ref. 283983

# Spray Shield



## Ref. 455004

This Berthoud spray shield is for safe, effective spot application of herbicides.

It comes with 45 degree elbow compatible with Berthoud lances and an 80 degree flat fan nozzle.

The shield is 297mm by 115mm.



Ref. 455004



# Berthoud Accessories

## Triggers



**280310** Nitrile Trigger



**282136** Viton Trigger



**212370** Stoprex Trigger

### **Ref. 280310**

Trigger with Nitrile Seals

### **Ref. 282136**

Trigger with Viton Seals

### **Ref. 212370**

Stoprex Trigger which allows continuous spraying

## Trigger and Lance Assemblies



**Ref. 280324**



**Ref. 280327**



**Ref. 211665**

### **Ref. 280324**

Aluminium lance 0.4m  
Trigger with Nitrile seals

### **Ref. 280327**

Composite lance length 0.4m  
Trigger with viton seals

### **Ref. 211665**

Composite lance length 0.4m  
Stoprex trigger to allow continuous spraying



## Lances



Ref. 280362 0.6-1.0m telescopic lance



Ref. 251327 0.6m composite Lance

### Telescopic Lance - Ref. 280362

0.6m - 1.0m telescopic lance which comes as standard with the Vermorel 2000 and 3000 models.

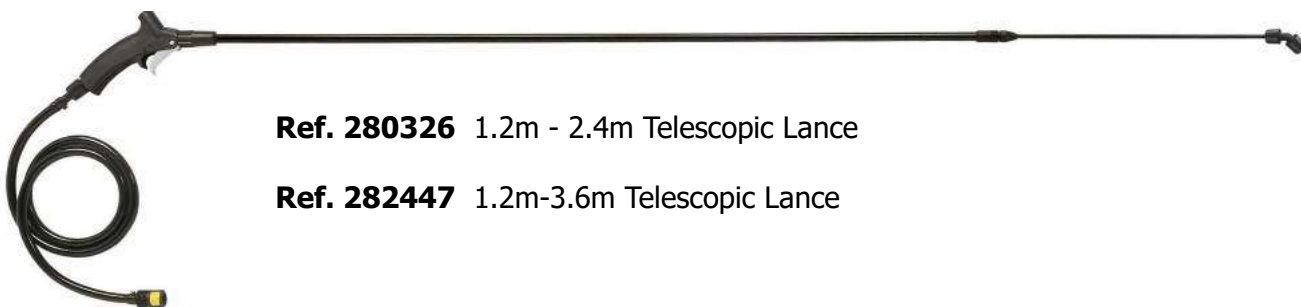
### Standard Lance Ref. 251327

0.6m composite lance which comes as standard on the Vermorel 1800 model.

**Both lances come with an elbow and hollow cone disc nozzle as standard.**

## Giant Telescopic Lances

Within the Berthoud range there are two giant telescopic lances which extend up to 2.4 or 3.6 meters, these lances are compatible with Berthoud Triggers and come with a part to strengthen the joint between trigger and lance.



**Ref. 280326** 1.2m - 2.4m Telescopic Lance

**Ref. 282447** 1.2m-3.6m Telescopic Lance



Outside of the Berthoud range, we also supply bespoke lances which extend up to 3 or 5 meters:

**Ref. 570110A/B** Telescopic Lance - 3m to fit Berthoud V2000

**Ref. 570111A/B** Telescopic Lance - 5m to fit Berthoud V2000



# Vermorel 2000 Pro Comfort

Ref. 102022

## Prioritising Comfort

A unique concept, exceptional carrying comfort, high performance diaphragm and curvilinear piston pump for quick pressurisation and low pumping frequency.



Supplied with 3 nozzles:

- Cone 15/10
- Blue flat fan
- Light blue deflector

Chemical resistant telescopic lance (60cm-100cm)

Pressure relief valve, adjustable between 0-5 bars

Ergonomic trigger

High performance diaphragm pump with curved piston

Reversible (left/right hand) operating lever with completely adjustable starting position (by notches of 10°)

Translucent tank with 16L capacity

Adjustable safety harness for additional user comfort

Ergonomic back frame for better weight distribution, enhancing user comfort

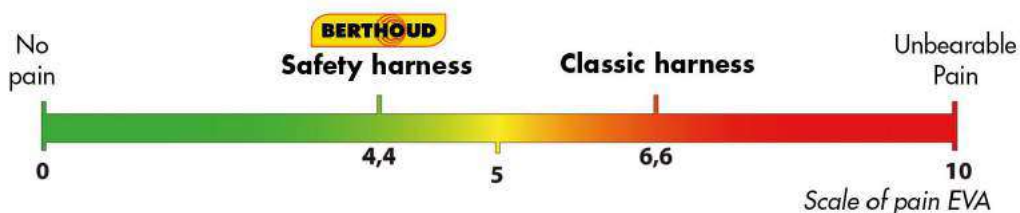


Reference Code	Product Name	EAN code	Item weight (kg)	Box			Pallet	
				Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	No. layers Euro/Standard	Quantity per layer Euro/Standard
102022	Vermorel 2000 Pro Comfort	3176241020224	5.97	1	390 X 285 X 615	6.54	3/3	8/10





# The Safety Harness



## Reinforced back support

- No direct contact with the tank for improved comfort

## Adjustable straps with reinforced foam and tensioners

- Adjusts to the user's morphology
- Protects the user's shoulders



## Chest strap

- Ensures sprayer stability
- Alleviates lateral tension

## Adjustable waist strap and reinforced back

- Sprayer weight distribution : 70% on the hips / 30% on the shoulders
- Ensures sprayer stability



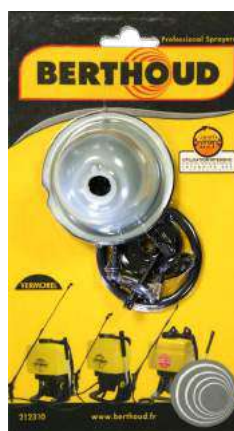
# Vermorel 2000 Pro Comfort



## Essential Spares

Code	Description
212310	Berthoud Vermorel maintenance kit
212308	Berthoud seal kit Vermorel
212307	Berthoud Vermorel Lid
283845	Berthoud Vermorel Safety Harness
451332	Berthoud Vermorel Air chamber
212315	Berthoud V2000 Safety valve
282484	Berthoud Hose
280310	Berthoud Profile Trigger
282136	Berthoud Profile Trigger viton
280362	Berthoud 0.6-1.0m Telescopic Lance with elbow
251338	Berthoud V2000 Operating lever sleeve
251936	Berthoud V2000 Quick Connector

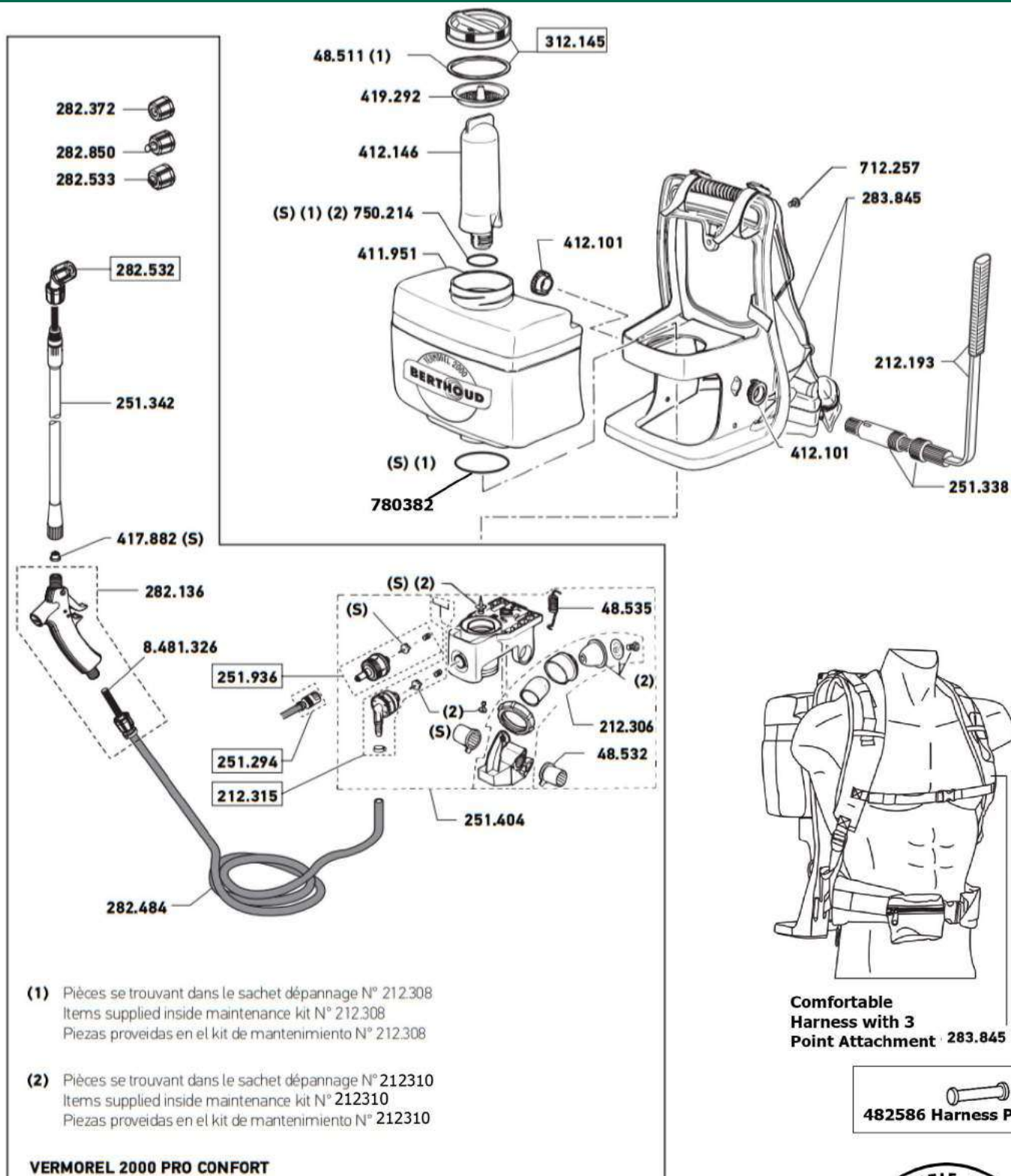
### Maintenance Kit



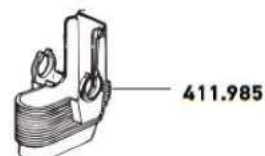
Ref. 212310



# Parts Diagram



- (S) Pièces se trouvant dans la mallette S.A.V N° 251.863  
Items supplied inside A.S.C case N° 251.863  
Piezas proveídas en el maletín S.P.V N° 251.863





# Vermorel 1800

Ref. 102084

## Simple and Reliable

60cm fixed composite lance with high mechanical and chemical resistance

Ergonomic trigger

Reversible left/right pump lever with 2 positions: **storage** (upright as pictured) and in **operation**

Ergonomic back frame for better weight distribution, enhancing user comfort

Adjustable double shoulder straps



UTILISATION INTENSIVE  
HAUTE RESISTANCE  
INTENSIVE USE  
HIGH RESISTANCE

Translucent tank with 16L capacity



## Essential Spares

Code	Description
212310	Berthoud Vermorel maintenance kit
212308	Berthoud seal kit Vermorel
212307	Berthoud Vermorel Lid
282722	Berthoud V1800 Straps
451332	Berthoud Vermorel Air chamber
251327	Berthoud Lance tube 0.60 with Elbow
282484	Berthoud Hose
280310	Berthoud Profile Trigger
282136	Berthoud Profile Trigger viton
284220	Berthoud V1800 Operating Lever
451336	Berthoud V1800 Operating Lever Sleeve
483761	Berthoud V1800 Hose Cap

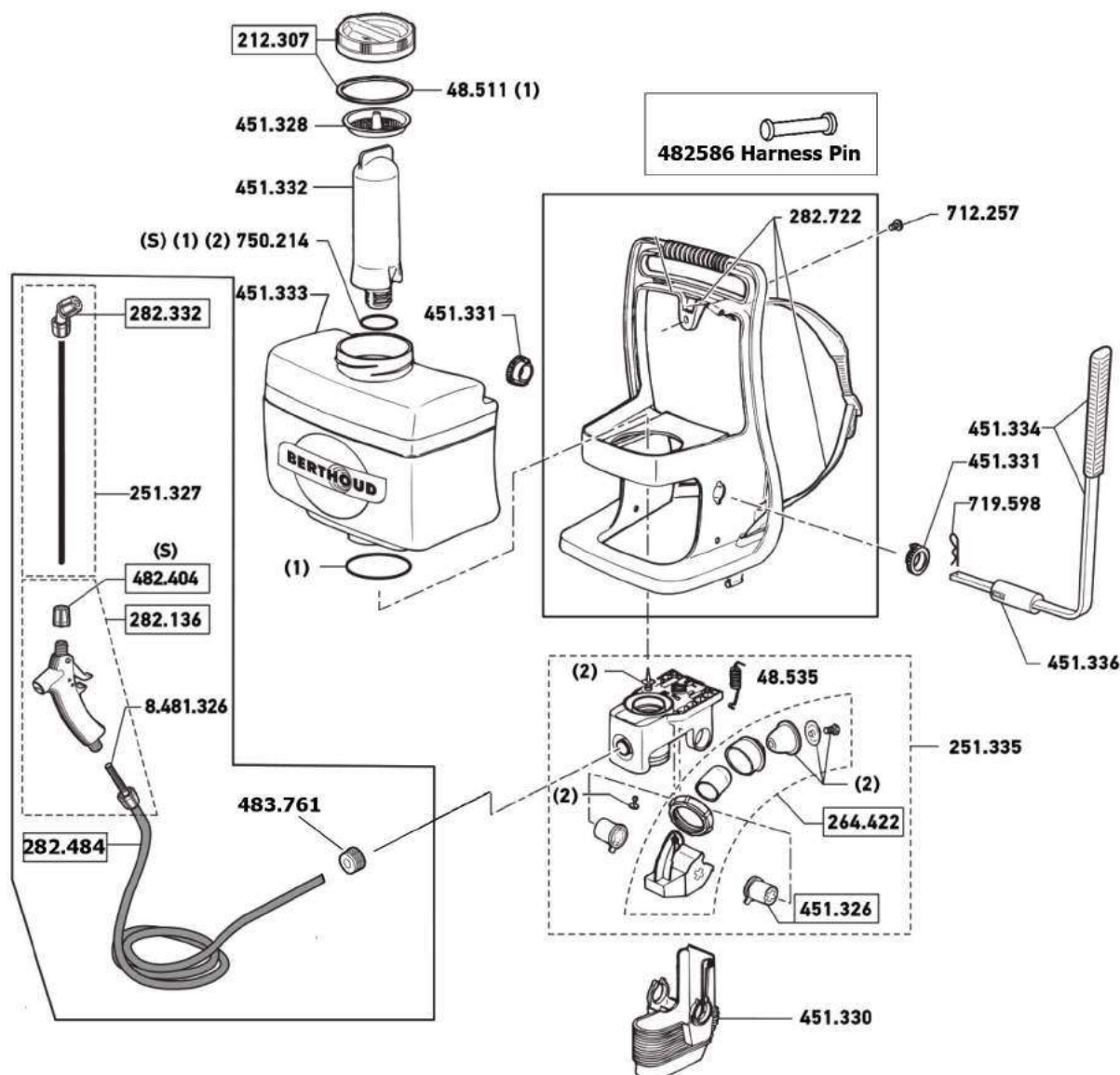
### Maintenance Kit



Ref. 212310



# Parts Diagram



- (S) Pièces se trouvant dans la mallette S.A.V N° 251.863  
Items supplied inside A.S.C case N° 251.863  
Piezas proveidas en el maletín S.P.V N° 251.863
- (1) Pièces se trouvant dans le sachet dépannage N° 212.308  
Items supplied inside maintenance kit N° 212.308  
Piezas proveidas en el kit de mantenimiento N° 212.308
- (2) Pièces se trouvant dans le sachet dépannage N° 212310  
Items supplied inside maintenance kit N° 212310  
Piezas proveidas en el kit de mantenimiento N° 212310



Reference Code	Product Name	EAN code	Item weight (kg)	Box			Pallet	
				Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	No. layers Euro/ Standard	Quantity per layer Euro/ Standard
102084	Vermorel 1800	3176241020842	5.1	1	390 X 285 X 615	5.67	3/3	8/10



# Vermorel 3000 Electric Ref.102140

Supplied with 3 nozzles:

- Cone 15/10
- Blue flat fan
- Brown deflector

Chemical resistant telescopic lance  
(60cm-100cm)

High performance twin  
diaphragm electric pump  
with viton seals for  
application of aggressive  
chemicals



UTILISATION INTENSIVE  
HAUTE RESISTANCE  
INTENSIVE USE  
HIGH RESISTANCE

Ergonomic trigger  
with viton seals

Ergonomic backframe and  
comfortable harness



Translucent 18L tank  
with graduated gauge

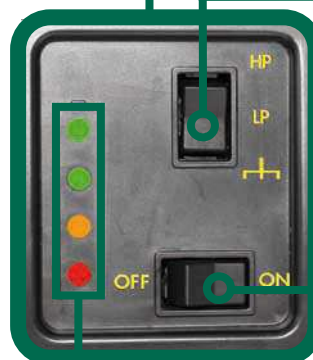
12V lithium-ion battery  
with 6hrs battery life

Pressure Selector  
- High Pressure  
- Low Pressure  
- Boom

Batter Charge Level  
Indicator (4 LEDs)

- 75-100%
- 50-75%
- 25-50%
- 20-25%

Rapid battery charger  
with charge indicator (2.5  
hours max)



On/Off Switch



# Top Features

## Setting the benchmark

### Comfort



- Padded harness and ergonomic back frame for optimum comfort during prolonged use.
- Designed to be a light weight at only 6.2kg with the battery

### Precision



- Choice of 3 pressure settings
- Electronic pressure control for precise and constant output
- Immediate stop/start spraying trigger control

### Maintenance



- Easy access to battery and pump assembly for maintenance

## Also available on a wheeled cart Ref. 102141

- Large wheels for greater maneuverability
- Comes as standard with 5m of hose



Reference Code	Product Name	EAN code	Item weight (kg)	Box			Pallet	
				Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	No. layers Euro/Standard	Quantity per layer Euro/Standard
102140	Vermorel 3000 Electric	3176241021405	6.2	1	390 X 285 X 615	6.9	3/3	8/10
102141	Vermorel 3000 with wheeled cart	3176241021412	9.3	1	390 X 285 X 615	10.0	3/3	8/10





# Vermorel 3000 Electric



## Essential Spares

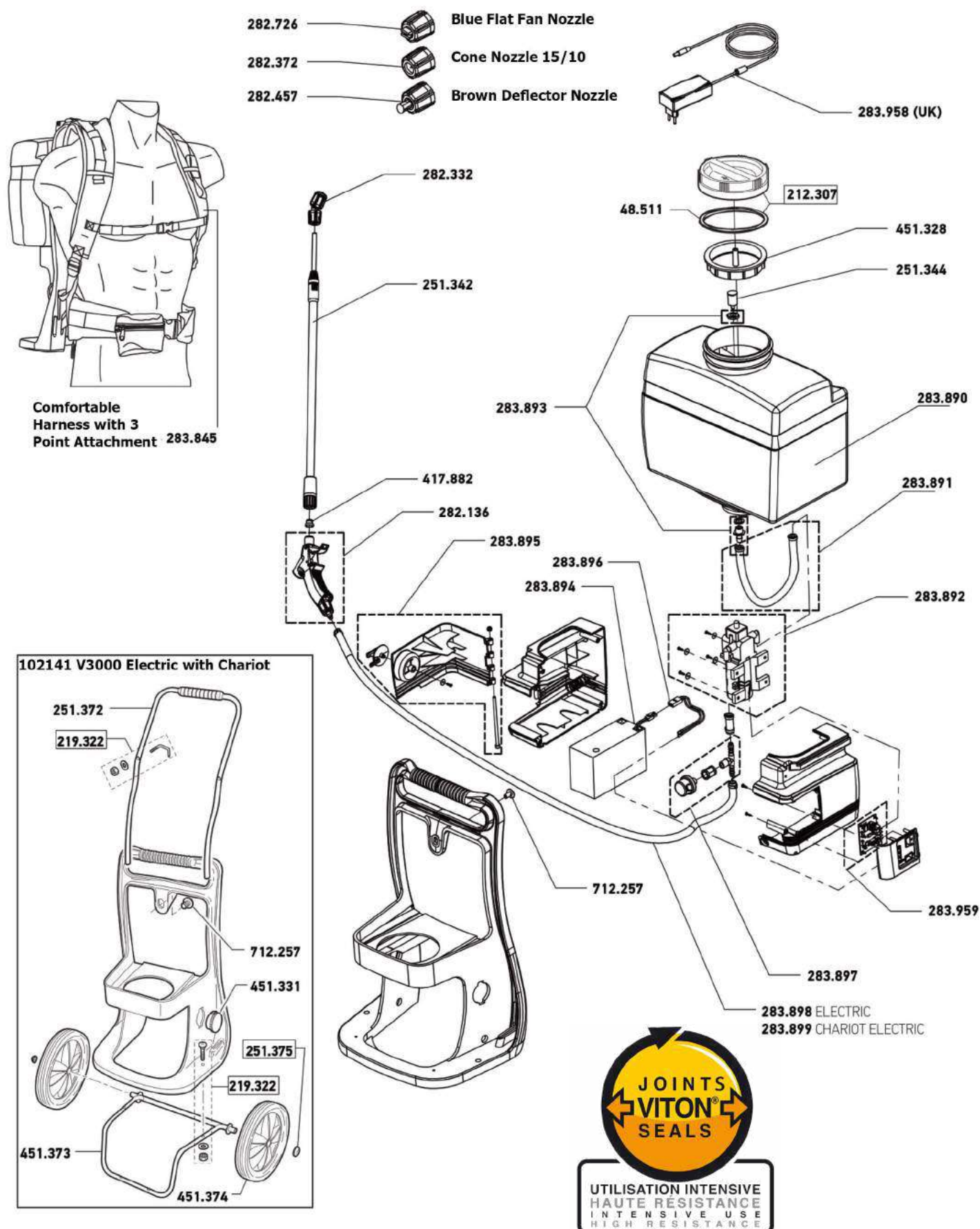
Code	Description
283894	Berthoud V3000 Battery
283958	Berthoud V3000 Charger
283897	Berthoud V3000 Pressure Regulator Switch
284053	Berthoud V3000 Circuit Board
212307	Berthoud Vermorel Lid
283845	Berthoud Vermorel Safety Harness
282484	Berthoud Hose
280310	Berthoud Profile Trigger
282136	Berthoud Profile Trigger viton
280362	Berthoud 0.6-1.0m Telescopic Lance with elbow
283898	Berthoud V3000 Hose 1.35M
283899	Berthoud V3000 Hose 5M







# Parts Diagram





# Cosmos 18 Pro

Ref.102215

## Simple and Reliable



Piston pump for up to 6 bar pressure

Carry handle

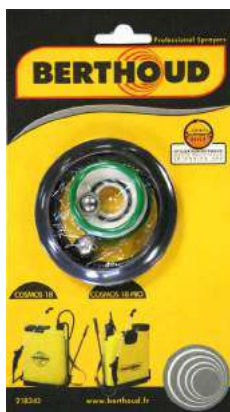
Reversible left/right pump lever which can store upright for easy transportation

60cm Aluminium fixed lance

Adjustable double shoulder cushioned straps

Lance park for easy storage

### Maintenance Kit



Ergonomic trigger

Translucent tank with 18L capacity

Liquid agitator inside tank for constant mixing during use

Ref. 218343

Reference Code	Product Name	EAN code	Item weight (kg)	Box			Pallet	
				Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)	No. layers Euro/Standard	Quantity per layer Euro/Standard
102215	Cosmos 18 Pro	3176241022150	3.72	1	450 x 170 x 505	4.15	4/4	11/13







# Parts Diagram

Attention : incompatibilité entre les deux versions. Il n'est pas possible de monter l'ancien bouchon sur le nouveau corps de pompe et vice-versa.  
En cas de doute prendre la pompe complète.

Attention : Conflict with the two versions. It's not possible to mount the new cap on the old pump body and vice-versa.  
In case of doubt, replace the whole pump.

Atención: incompatibilidad entre ambas versiones. No es posible ensamblar el antiguo tapón sobre el nuevo cuerpo de la bomba.  
En caso de duda, tomar la bomba completa

Référence bouchon / Cap part N°  
/ Referencia tapón : **283598**



Ancienne version avant 09/2012  
Old version before 09/2012  
Antigua versión antes 09/2012

Prendre pompe complète /  
Replace the whole pump /  
Tomar la bomba completa: **283792**



Prendre pompe complète /  
replace the whole pump /  
Tomar la bomba completa: **283792**

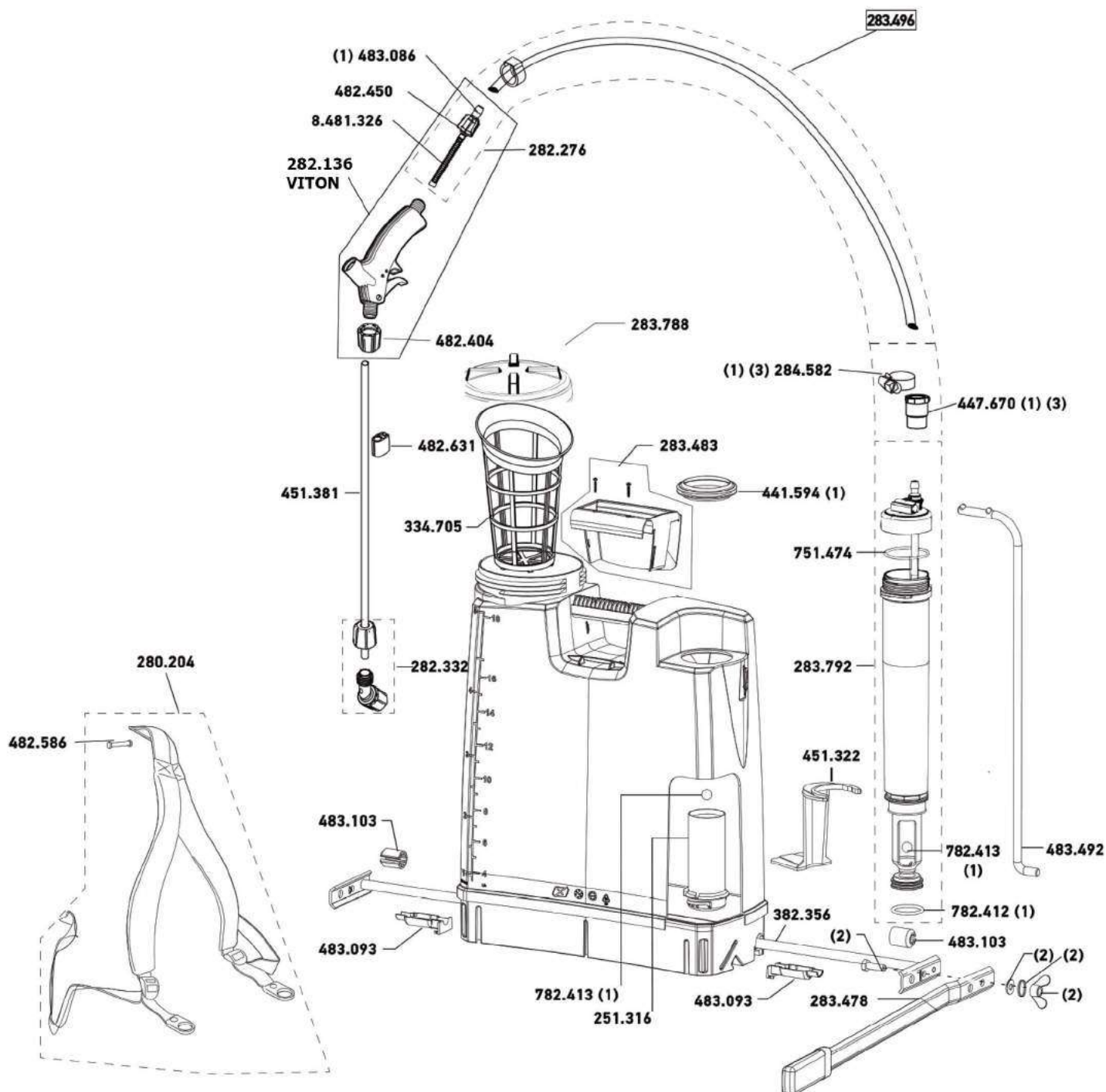
**Kits de dépannage Cosmos 18 PRO/ Maintenance kit for Cosmos 18 / Kit de mantenimiento Cosmos 18 Pro**

(Ces kits comprennent les pièces précédées des indices ci-après / These kits contain the parts preceded by the index below / Estos kits están compuestos de las piezas precedidas de los indicios aquí abajo)

**(1) 283.475 Air Chamber Maintenance Kit**

**(2) 283.535 Sub Assy Fixing Kit**

**(3) Pièces incluses dans le sachet / Parts supplied inside bag / Piezas incluidas en la bolsa 283792, 283496 et 283598**





# Elyte Sprayers

## Elyte 8 Pro Ref. 101001



- Total reservoir capacity: 8.5L
- Usable Capacity: 6.0L
- 3 bar safety value
- Aluminium pump rod
- 80mm opening to reservoir separate to pump for convenient filling.
- Quick fit hose connector
- 1.35m braided hose
- 0.5-1.0m chemically resistant telescopic lance
- Supplied with hollow cone nozzle

## Elyte 14 Pro Ref. 101004



- Total reservoir capacity: 13.75L
- Usable Capacity: 8.0L
- 3 bar safety value
- Aluminium pump rod
- 80mm opening to reservoir separate to pump for convenient filling.
- Quick fit hose connector
- 1.35m braided hose
- 0.5-1.0m chemically resistant lance
- Supplied with hollow cone nozzle

## Elyte 8 Pro DIY Ref. 101003



- Total reservoir capacity: 8.5L
- Usable Capacity: 6.0L
- Viton seals
- 3 bar safety value
- Brass pump rod
- 80mm opening to reservoir separate to pump for convenient filling.
- Quick fit hose connector
- 1.35m braided hose
- 60cm chemically resistant composite lance with flexible extension
- Supplied with flat fan and hollow cone nozzle



Reference Code	Product Name	EAN code	Item weight (kg)	Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)
101001	Elyte 8 Pro	3176241010010	1.81	1	250 x 195 x 520	2.09
101003	Elyte 8 Pro DIY	3176241010034	1.84	1	250 x 195 x 520	2.12
101004	Elyte 14 Pro	3176241010041	2.31	1	250 x 195 x 685	2.66





# Parts Diagram



ELYTE 7,13 JARDIN / ELYTE 7 DÉSHÉRBAGE / ELYTE 7 MULTIFONCTION

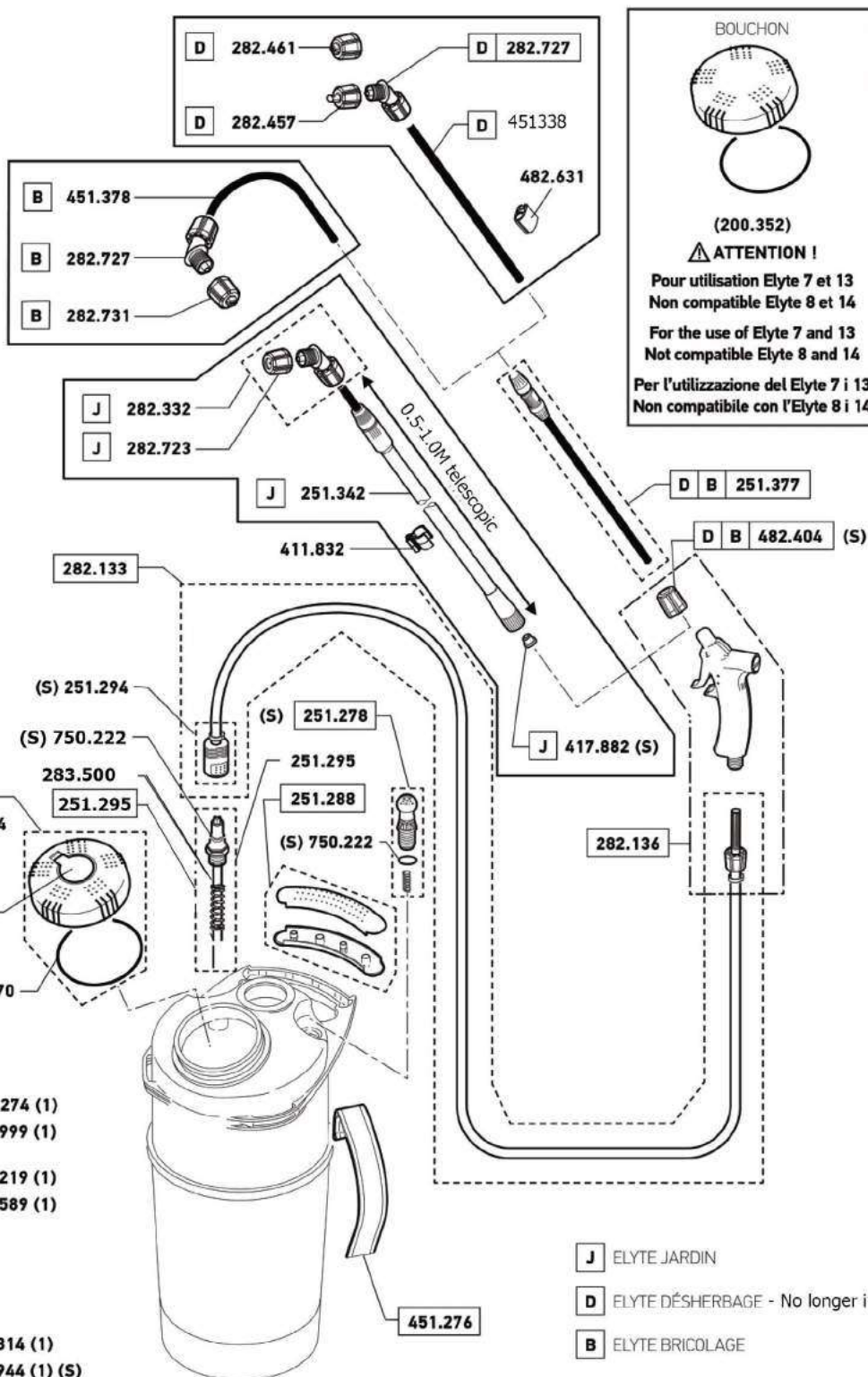
**DÉSHÉRBAGE**

(455.004)

Article soumis au tarif et conditions commerciales appareils

Item subject to sprayers sales terms

Artículo sujeto a la tarifa y a las condiciones comerciales de los pulverizadores



## INDEX

BRICOLAGE = Diy = Bricolaje  
 DESHERBAGE = Weedkilling = Tratamiento herbicida  
 SOIN DES VEGETAUX = Plant care = Tratamiento herbicida  
 HYGIENE = Hygiene = Higiene

(S) Pièces se trouvant dans la mallette S.A.V N° 251.863  
 Items supplied inside A.S.C case N° 251.863  
 Piezas proveidas en el maletín S.P.V N° 251.863

(1) Pièces se trouvant dans le sachet dépannage N° 219803  
 Items supplied inside maintenance kit N° 219803  
 Piezas proveidas en el kit de mantenimiento N° 219803



# Floraly Optima Sprayers

## Floraly 5 Optima

Ref. 101450

- Total reservoir capacity: 5.2L
- Usable Capacity: 3.0L
- Fixed compression pump with nitrile seals
- 3 bar safety value
- 80mm opening to reservoir separate to pump for convenient filling.
- 1.0m hose length
- 0.4m aluminium lance
- Supplied with hollow cone nozzle
- Professional ergonomic trigger with nitrile seals



## Floraly 7 Optima

Ref. 101451

- Total reservoir capacity: 7.2L
- Usable Capacity: 5.0L
- Fixed compression pump with nitrile seals
- 3 bar safety value
- 80mm opening to reservoir separate to pump for convenient filling.
- 1.0m hose length
- 0.4m aluminium lance
- Supplied with hollow cone nozzle
- Professional ergonomic trigger with nitrile seals



## Floraly 7 Optima DIY

Ref. 101452

- Total reservoir capacity: 7.2L
- Usable Capacity: 5.0L
- Fixed compression pump with viton seals - resistant to hydrocarbon based solvents
- 3 bar safety value
- 80mm opening to reservoir separate to pump for convenient filling.
- 1.0m hose length
- 0.4m composite lance with flexible extension
- Supplied with hollow cone and flat fan nozzles
- Professional ergonomic trigger with viton seals



## Floraly 12 Optima

Ref. 101452

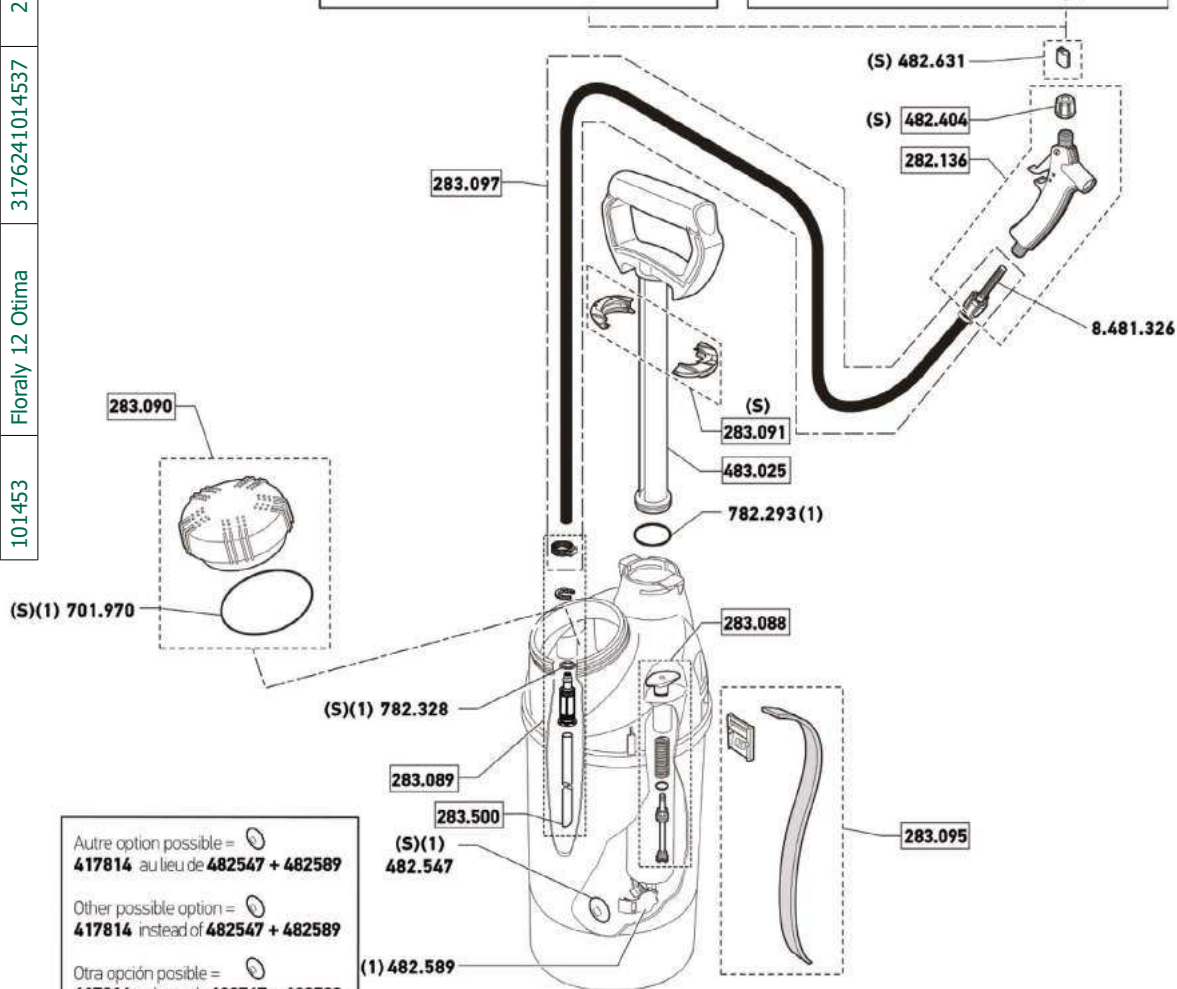
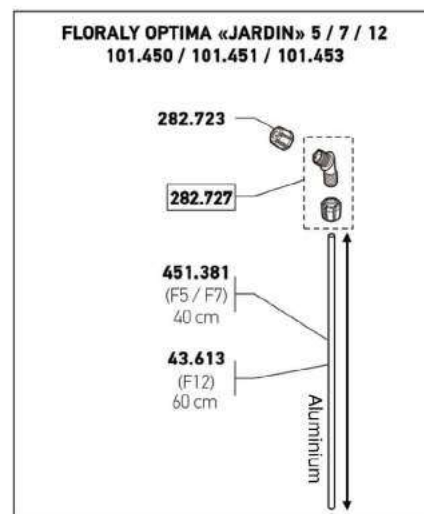
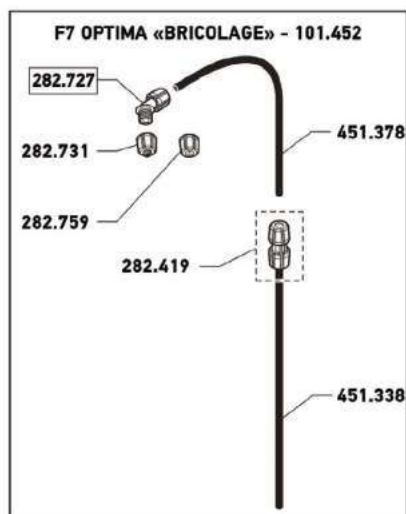
- Total reservoir capacity: 11.5L
- Usable Capacity: 8.0L
- Fixed compression pump with nitrile seals
- 3 bar safety value
- 80mm opening to reservoir separate to pump for convenient filling.
- 1.35m hose length
- 0.6m aluminium lance
- Supplied with hollow cone nozzle
- Professional ergonomic trigger with nitrile seals






# Parts Diagram



Reference Code	Product Name	EAN code	Item weight (kg)	Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)
101450	Floraly 5 Optima	3176241014506	1.44	1	200 x 195 x 430	1.64
101451	Floraly 7 Optima	3176241014513	1.55	1	200 x 195 x 520	1.82
101452	Floraly 7 Optima DIY	3176241014520	1.58	1	200 x 195 x 520	1.85
101453	Floraly 12 Optima	3176241014537	2.08	1	200 x 195 x 685	2.43



Autre option possible =  **417814** au lieu de **482547 + 482589**  
 Other possible option =  **417814** instead of **482547 + 482589**  
 Otra opción posible =  **417814** en lugar de **482547 + 482589**

## INDEX

BRICOLAGE = Diy = Bricolaje  
 DESHERBAGE = Weedkilling = Tratamiento herbicida  
 SOIN DES VEGETAUX = Plant care = Tratamiento herbicida  
 HYGIENE = Hygiene = Higiene

- (S) Pièces se trouvant dans la mallette S.A.V N° 251.863  
 Items supplied inside A.S.C case N° 251.863  
 Piezas proveídas en el maletín S.PV N° 251.863
- (1) Pièces se trouvant dans le sachet dépannage N° 283.098  
 Items supplied inside maintenance kit N° 283.098  
 Piezas proveídas en el kit de mantenimiento N° 283.098





# Elyte 2

Ref. 101750/101751 (viton)

## For Everyday Professional Use

Primarily designed for spot treatment these hand held sprayers are lightweight and small.

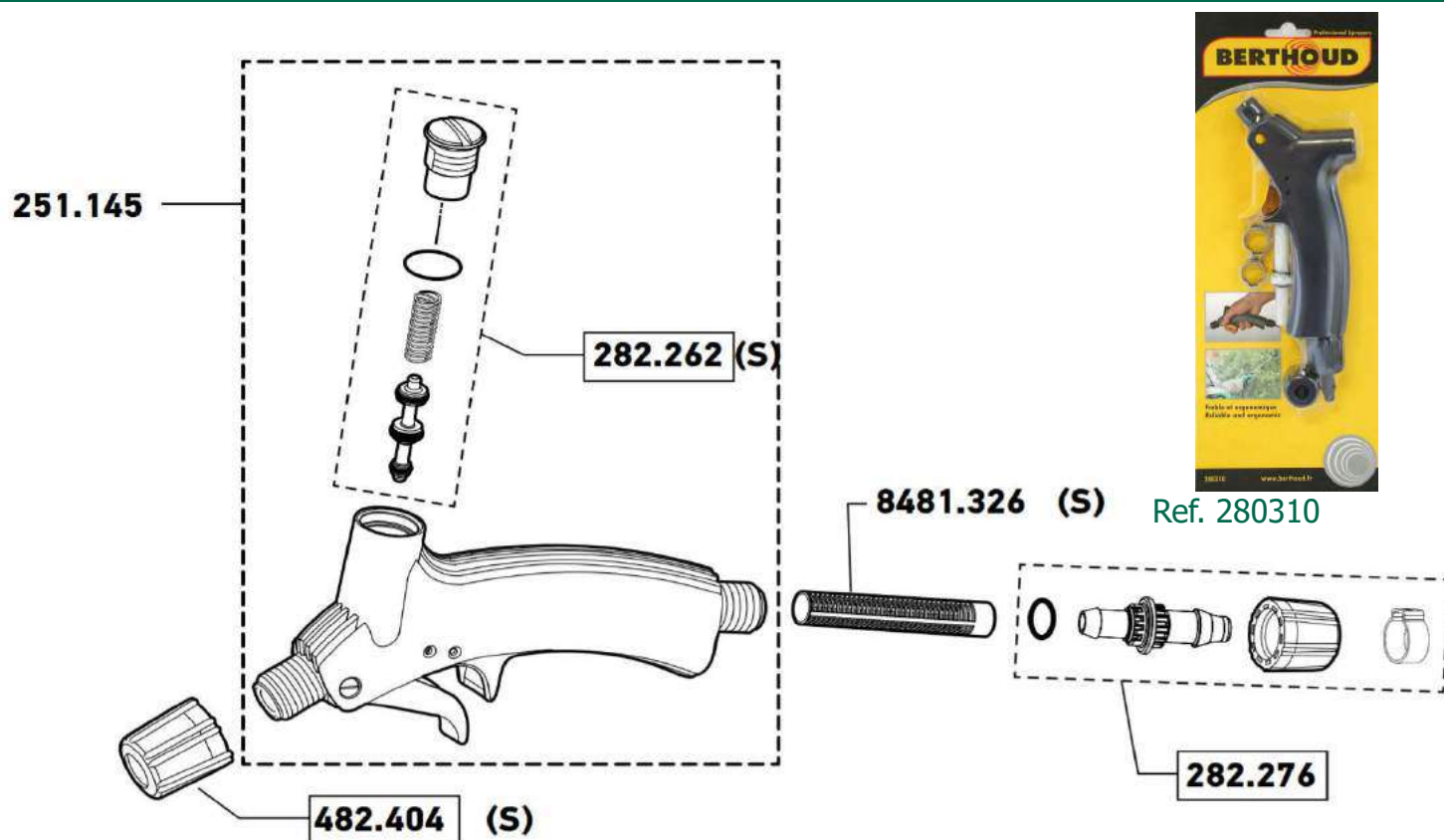


Reference Code	Product Name	EAN code	Item weight (kg)	Box		
				Units per box	Box Dimensions W x D x H (mm)	Weight with box (kg)
101750	Elyte 2	3176241017507	0.60	6	295 x 400 x 320	4.00
101751	Elyte 2 Viton	3176241017504	0.60	6	295 x 400 x 320	4.00





# Berthoud Trigger Ref. 280310



## Trigger Spares

Code	Description
282262	Berthoud Trigger Repair Kit
8481326	Berthoud Profile Trigger Filter
282276	Berthoud Trigger Hose Fixing Kit

## Berthoud Trigger with Viton Seals Ref. 282136

The Berthoud trigger is also available with Viton seals ref. 282136 which are more acid resistant than nitrile seals in ref. 280310.



**282136** Viton Trigger



# Laser Industrie

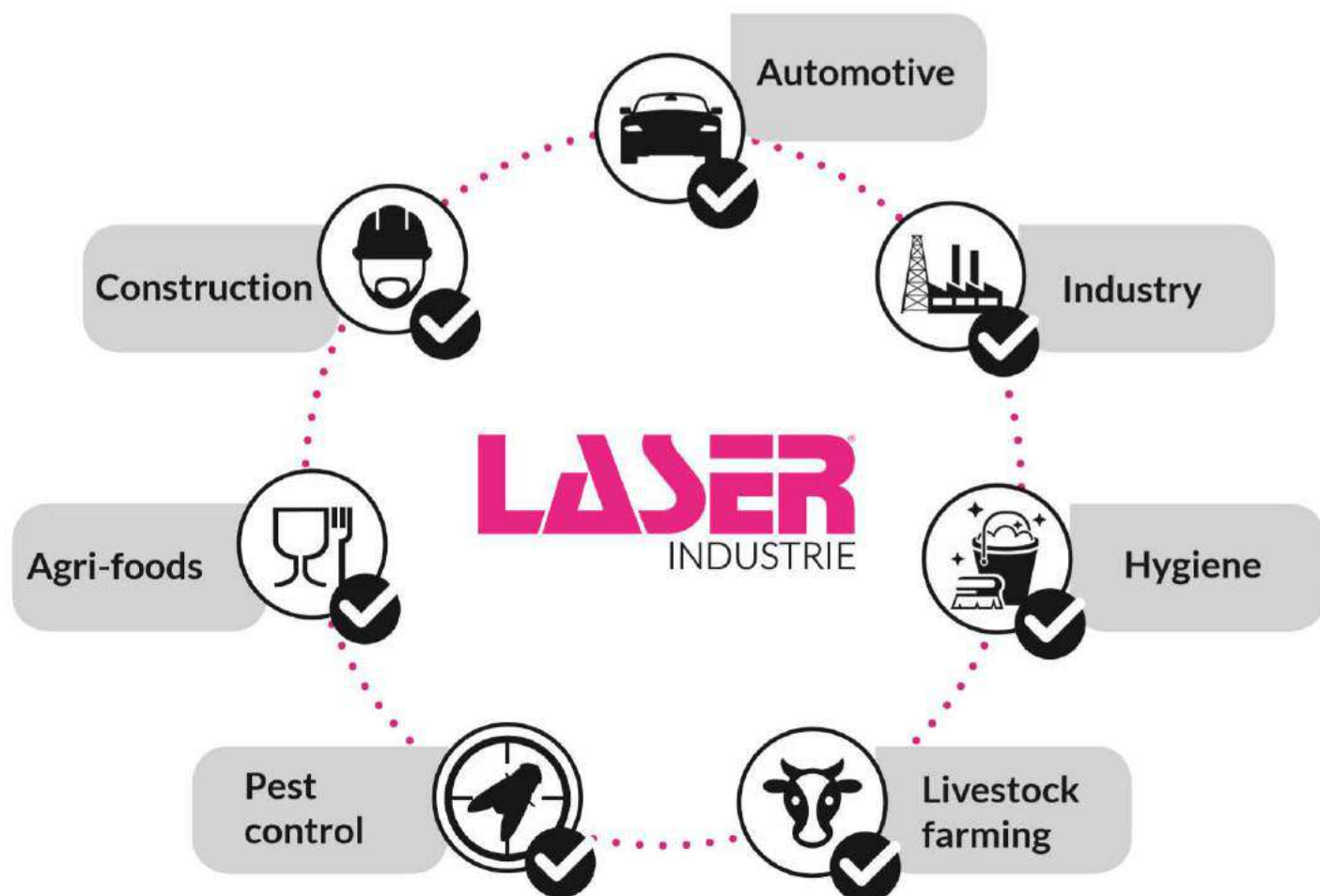
**Professional sprayers for the manufacturing, automotive, construction and cleaning industries.**



**Technologically advanced, reliable sprayers designed to resist aggressive chemicals.**

Code	Description	Capacity (L)	Seals	Usage	pH Range
8056	Laser V2 Viton	1.5L	Viton	Acid	4-8
8066	Laser V2 Viton Foam	1.5L	Viton	Acid	4-8
101180	Expert 8 Viton	6L	Viton	Acid	4-8
101181	Expert 14 Viton	8L	Viton	Acid	4-8
8057	EXEL 7 Viton	5L	Viton	Solvent	4-8
8058	EXEL 10 Viton	8L	Viton	Solvent	4-8
8040	Laser 12 Super Viton	8L	Viton	Acid	0-10
282874	Trigger Super Viton	-	Viton	Acid	0-10
101440	Laser V2 EPDM Foam	1.5L	EPDM	Alkali	6-10
101321	Laser V2 EPDM	1.5L	EPDM	Alkali	6-10
101177	Expert 8 EPDM S/S Lance	6L	EPDM	Alkali	6-14
101178	Expert 14 EPDM S/S Lance	8L	EPDM	Alkali	6-14
282873	Trigger EPDM	-	EPDM	Alkali	6-10





## Viton Seals

Acid products: Oils and petroleum derivatives, Diluted acids, Detergents, Aliphatic or aromatic or chlorinated solvents, Strong acids but only slightly oxidising



## EDPM Seals









Basic Products: Bleach, Caustic soda, concentrated alkaline products, Disinfectants, Strippers, Cleaners of the shampoo type for vehicles





# Laser V2

- Translucide and graduated tank.
- Total capacity : 2L
- Ergonomic knob for easy pressurizing
- Pump with metal rod
- Lockable handle for continuous spraying
- Variable spray nozzle
- Tank with large opening for easy filling and emptying
- Ribs at the bottom for an easy opening and closing
- 3 bar pressure release valve

Code	Sprayer	Seal Type	
<b>8056</b> <b>Laser V2 Viton</b>			For the application of neutral or weak acidic paint strippers, rodenticides, disinfectants and detarring solvents and products for treating wood and roof timbers.
<b>8059</b> <b>Laser V2 EPDM</b>			For the application of neutral and alkaline cleaners, disinfectants, car shampoos, fungicides and animal repellents.
<b>8066</b> <b>Laser V2 Viton Foam</b>			The foam increases the contact time to make the product more effective and to show the areas that have been sprayed. <ul style="list-style-type: none"><li>• 110° fan jet nozzle</li></ul>
<b>8065</b> <b>Laser V2 EPDM Foam</b>			For neutral and alkaline cleaners and disinfectants. The foam increases the contact time to make the product more effective and to show the areas that have been sprayed. <ul style="list-style-type: none"><li>• 110° fan jet nozzle</li></ul>





# Laser Triggers

Profile trigger (Viton / Viton for acids / EPDM)

- Comfortable to use (the angle between wrist and lance gives a natural wrist position)
- Reliable (the spray is controlled by a needle valve at right angles to the flow of liquid)
- Very easy to maintain (the spring and piston are easy to dismantle)

**LASER**  
INDUSTRIE



**282136**  
**Trigger with Viton seals**



**282873**  
**Trigger with EPDM seals**



**282874**  
**Trigger with Super Viton seals**



# Laser Expert

## 101180 Expert 8 Viton

## 101181 Expert 14 Viton

For the application of concrete form oils, impermeable façade coatings, chemicals for treating wood and roof timbers, solvent strippers, rodenticides, insecticides, detarring solvents, neutral based moss prevention products.

- 40 cm brass lance tube
- Polypropylene lance handle with Viton seal
- Adjustable polypropylene nozzle holder with Viton seal with red acetal nozzle (code 282476)
- 3 bar brass pressure release valve with Viton seal
- Polyethylene translucent graduated tank
- High-resistance hose
- Adjustable and large straps
- Integral off-centre pump (no need to remove it for filling and emptying)
- Ergonomically designed pumping grip
- Wide top opening for easy filling and emptying
- Total emptying (no liquid traps)
- Carry handle for holding the sprayer during use
- Doser cap for precise, easy measurement
- Lance clip





## 101177 Expert 8 EDPM with stainless steel lance

## 101178 Expert 14 EDPM with stainless steel lance



For the application of bleach, paint strippers, disinfectants, etc..

- Capacity: 6L / 8L
- Polypropylene lance handle with EPDM seals
- 60 cm stainless steel lance tube
- Adjustable polypropylene nozzle holder with EPDM seals and NOZAL blue sintered alumina, fan jet nozzle
- Supplied with additional nozzle: stainless steel cone jet (251 183) and 10/10 nozzle
- 3 bar pressure release valve with EPDM seal
- PVC reinforced hose (Hytrel interior)



# Laser Exel

## 8057 Exel 7 Viton 8058 Exel 10 Viton



Application of solvent-based products

- Capacity (Exel 7 / Exel 10) : 5L / 8L
- Non-locking lance handle, according to European standard, with built-in filter, equipped with Viton seals
- Polyethylene translucent graduated tank
- Pump fitted with Viton seals
- 30cm aluminium lance
- Adjustable jet nozzle from straight jet to mist jet
- 3 bar pressure release valve
- Adjustable straps
- Large pumping handle for a better grip
- Large top hole for easy filling and emptying
- Total dump because no retention area
- Supporting pommel: hold for pressurizing, emptying and filling
- Translucent and graduated tank for easy measurement







# 8038 Laser 7 Super Viton

# 8040 Laser 12 Super Viton



For the application of retarders and dilute acids.

Compatibility table supplied with the sprayer.

- Capacity (Laser 7 / Laser 12): 5 L / 8 L
- Special acid-resistant polypropylene lance handle with Viton seal
- Nozzle holder and adjustable 1.5/1.0 nozzle with Viton seal
- Equipped with a flat fan nozzle
- Pump and 3 bar pressure release valve with Viton seal
- Polyethylene translucent graduated tank
- Armed, flexible and translucent hose
- Large straps with easy fixing
- Wide opening for easy filling and complete emptying (no liquid traps)
- Handle: for holding the tank while pumping, emptying and filling
- Translucent, graduated tank for precise measurement
- 40cm composite lance





# Stainless Steel Sprayers



Cooper Pegler used to supply a stainless steel sprayer similar to this, called the 'Falcon'. As we still have demand, Spindrift source the tank from another manufacturer and attach the hose, brass trigger, brass lance, and brass variable spray nozzle.

This is a very professional looking sprayer, popular with the pest control industry.

Code	Description
SA40 004	Falcon Type 10 Ltr Stainless Steel Sprayer
SA40 003	Falcon 5 Ltr Stainless Steel Sprayer

# Personal Protective Equipment (PPE)



**211701**  
**Type 5/6 Hooded**  
**Coverall Spray Suit**



**211709**  
**Flexothane Coverall**  
**Reusable Spray Suit**



**211704**

**Nitrile gloves**



**211702**

**Browguard with Acetate**  
**Visor**



**211703**

**Respirator with A2/P3**  
**Filters**



**211701 Complete PPE Set**

- Includes:
- Browguard with Acetate Visor
  - Respirator with A2/P3 Filters
  - Nitrile Gloves
  - Coverall



# Hozelock

## Ultraflex



Anti-kink



Anti-twist



Anti-UV

Weatherproof with UV and frost protection – usable from -20°C up to 60°C.  
Burst pressure of 16 or 20 Bar depending on Internal Diameter  
Long lasting hose with a 20 Year guarantee

Code	Description
117023	Tricoflex Ultraflex I/D: 15MM L: 25M
117024	Tricoflex Ultraflex I/D: 15MM L: 50M
117036	Tricoflex Ultraflex I/D: 19MM L: 25M
117037	Tricoflex Ultraflex I/D: 19MM L: 50M
117041	Tricoflex Ultraflex I/D 25MM L: 25M
117042	Tricoflex Ultraflex I/D 25MM L: 50M

I/D - Internal Diameter      L- Length





# Ultimate



Ultralite



Anti-crush



Anti-kink



Anti-twist



Anti-UV

Ultralite technology – this hose is 25% lighter

Weatherproof with UV and frost protection – usable from -20°C up to 60°C.

Burst pressure of 27 or 30 Bar depending on Internal Diameter

Long lasting hose with a 30 Year guarantee

Code	Description
139071	Super Tricoflex Ultimate I/D:15MM L: 25M
139084	Super Tricoflex Ultimate I/D: 15MM L: 50M
139142	Super Tricoflex Ultimate I/D: 19MM L: 25M
139155	Super Tricoflex Ultimate I/D: 19MM L: 50M
48290	Super Tricoflex Ultimate I/D: 25MM L: 25M
48291	Super Tricoflex Ultimate I/D: 25MM L: 50M

I/D - Internal Diameter      L- Length



# Wheelbarrow Sprayers

## Engine Driven

### 50 Litre Tank



- Heavy-duty 50 litre polyethylene tank
- Fitted with pressure regulator
- 5m delivery hose
- Spray lance with nozzle

Code	Pump Type	Engine	Max Flow	Max Pressure
WBU-50-715P	Comet MC8	Loncin LC152F	6.9Lpm	15 Bar
WBU-50-1115P	Comet MC18	Loncin LC152F	10.7Lpm	15 Bar

### 120 Litre Tank



- Heavy-duty 120 litre polyethylene tank
- Fitted with pressure regulator
- Hose reel with 20m hose
- Spray Lance with nozzle

Code	Pump Type	Engine	Max Flow	Max Pressure
WBU1115P	Comet MC18	Honda GP160	11.9Lpm	15 Bar
WBU1115P-VITON	Comet MC18 - Viton	Honda GP160	11.9Lpm	15 Bar
WBU1825P	Comet MC25	Honda GP160	18.5Lpm	25 Bar



## Electric Driven

### 50 Litre Tank



- Heavy-duty 50 litre polyethylene tank
- Fitted with pressure regulator
- 5m delivery hose
- Spray lance with nozzle

Code	Pump Type	Volts	Hp	Max Flow	Max Pressure
WBU-50-715E	Comet MC8	230	0.6	6.9Lpm	15 Bar
WBU-50-1115E	Comet MC18	230	0.6	10.7Lpm	15 Bar
WBU-50-1820E	Comet MC20/20	230	1.25	18.5Lpm	20 Bar

### 120 Litre Tank



- Heavy-duty 120 litre polyethylene tank
- Fitted with pressure regulator
- Hose reel with 20m hose
- Spray Lance with nozzle

Code	Pump Type	Volts	Hp	Max Flow	Max Pressure
WBU1115E	Comet MC18	230	0.6	10.7Lpm	15
WBU1820E	Comet MC20/20	230	1.25	18.5Lpm	20
WBU1825E	Comet MC25	230	1.5	18.5Lpm	25



# EvenSprey Walkover Sprayers

Battery powered, pedestrian operated spray machines designed for accurate and economical application of liquid fertilisers and other turf treatment products



## EvenSprey Club - 4EV250CB



		Machine Only	Machine Boxed
<b>EvenSprey Club</b>  <b>Part No.</b>  <b>4EV250CB</b>	Length	1240 mm	1000 mm
	Height X Width	1000 mm x 580 mm excl boom	595mm x 600mm
	Weight	20.0kg	24.0kg
	Wheels	Tubed	
	Framework	Triple zinc galvanised lightweight tube	
	Tank	25 litre moulded	
	Battery	9.0 amp hour cyclic rechargeable battery	
	Battery Charger	3 stage charger	
	Pump	Shurflo with in-line strainer	
	Fuse	5A blade fuse	
	Boom	1.5 metre 3 nozzle aluminium tubular boom	
	Nozzle Filters	50 mesh	
	Nozzles	3 x Brown 05 110° standard flat fan	





# Supaturf

Great for treatment of areas like  
bowling greens!

## EvenSprey Pro - 4EV300



		Machine Only	Machine Boxed
<b>EvenSprey Pro</b>  <b>Part No.</b>  <b>4EV300</b>	Length	1400mm	1000mm
	Height X Width	595mm x 580mm (excl boom)	800mm x 600mm
	Weight	32.0kg	36.0kg
	Wheels	Tubed	
	Framework	Triple zinc galvanised lightweight tube	
	Tank	50 litre moulded	
	Battery	22.0 amp hour cyclic rechargeable battery	
	Battery Charger	3 stage charger	
	Pump	Shurflo with in-line strainer	
	Fuse	15A blade fuse	
	Boom	Folded, tripple headed, 5 nozzle aluminium tubular boom	
	Nozzle Filters	50 mesh	
	Nozzles	5 x Brown (05), 5 x Red (04), 5 x Blue (03) 110° standard flat fan	



# Chemical Storage



The safe vault for storage and transportation of smaller volumes of chemicals. HSE legislation requires that anyone using chemicals must store them safely in a lockable container. The Armorgard TransBank Chem™ has been specially designed to comply with all legislation regarding the storage of chemicals, both in vehicles and in fixed locations. To maximise internal space, vaults are built to accommodate the range of standard sized chemical cans.



## TRB1C



Fully welded, banded unit, for storing and transporting chemicals.  
Rear ventilation allows airflow and helps prevent the build up of fumes.  
External fixing points to secure the unit to the floor.  
Over-centre clasp with hasp and staple padlock facility.  
Fitted with flame arrester gauze and built to the specification of 30 minute fire resistance.  
Suitable for storing chemicals.  
Fitted with chemical warning signs.  
Designed for storing 2 x 5 litre cans.

Product	Armorgard TransBank Chem TRB1C
Internal dimensions	345x345x335mm
External dimensions (including protrusions)	430x415x365mm



## TRB2C



Fully welded, banded unit, for storing and transporting chemicals.  
Rear ventilation allows airflow and helps prevent the build up of fumes.  
External fixing points to secure the unit to the floor.  
Over-centre clasp with hasp and staple padlock facility.  
Fitted with flame arrester gauze and built to the specification of 30 minute fire resistance.  
Suitable for storing chemicals.  
Fitted with chemical warning signs.  
Designed for storing 2 x 20 litre cans

Product	Armorgard TransBank Chem TRB2C
Internal dimensions	445x415x510mm
External dimensions (including protrusions)	530x485x540mm


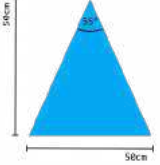

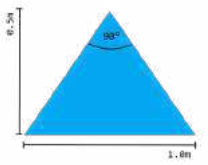

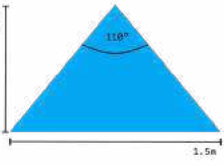

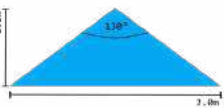
## TRB4C







Fully welded, banded unit, for storing and transporting chemicals.  
Rear ventilation allows airflow and helps prevent the build up of fumes.  
External fixing points to secure the unit to the floor.  
Over-centre clasp with hasp and staple padlock facility.  
Fitted with flame arrester gauze and built to the specification of 30 minute fire resistance.  
Suitable for storing chemicals.  
Fitted with chemical warning signs.  
Designed for storing 4 x 20 litre cans.

Product	Armorgard TransBank Chem TRB2C
Internal dimensions	790x415x510mm
External dimensions (including protrusions)	880x485x540mm

# Polijet



	Code	Pressure (bar)	Flow (L/Min)	Spray angle and width at 50cm height	Application rates (L/ha)			
					2Km/h	3Km/h	4Km/h	5Km/h
	AN0.6	1.00	0.600		360	240	180	144
		1.50	0.730		438	292	219	175
		2.00	0.850		510	340	255	204
		2.50	0.950		570	380	285	228
	AN1.2	1.00	1.200		360	240	180	144
		1.50	1.470		441	294	221	176
		2.00	1.700		510	340	255	204
		2.50	1.900		570	380	285	228
	AN1.8	1.00	1.800		360	240	180	144
		1.50	2.199		440	293	220	176
		2.00	2.550		510	340	255	204
		2.50	2.850		570	380	285	228
	AN2.4	1.00	2.400		360	240	180	144
		1.50	2.940		510	294	221	204
		2.00	3.390		509	339	254	203
		2.50	3.790		570	380	285	228

## Hollow Cone

	Code	Pressure (bar)	Flow (L/Min)	Spray angle	Application rates (L/ha) at 60meters/min (3.6km/hr)
	HXC02	3.00	0.80	85°	133
	HXC04	3.00	1.60	90°	267
	HXC05	3.00	2.00	100°	333
	HXC06	3.00	2.40	100°	400



# Deflector Tip

	Code	Pressure (bar)	Flow (L/Min)	Spray angle	Application rates (L/ha)	
					5km/h	10Km/h
	DT0.5	1.00	0.228	80°	54	27
		1.50	0.279		66	33
		2.00	0.332		80	40
		2.50	0.360		86	43
	DT0.75	1.00	0.342	95°	82	41
		1.50	0.422		102	51
		2.00	0.484		116	58
		2.50	0.541		130	65
	DT1.0	1.00	0.456	105°	110	55
		1.50	0.562		134	67
		2.00	0.645		154	77
		2.50	0.721		174	87
	DT1.5	1.00	0.684	105°	164	82
		1.50	0.843		202	101
		2.00	0.967		232	116
		2.50	1.081		260	130
	DT2.0	1.00	0.912	105°	218	109
		1.50	1.124		270	135
		2.00	1.290		310	155
		2.50	1.442		346	173
	DT2.5	1.00	1.139	110°	274	137
		1.50	1.404		336	168
		2.00	1.611		386	193
		2.50	1.801		432	216
	DT3.0	1.00	1.367	110°	328	164
		1.50	1.685		404	202
		2.00	1.933		464	232
		2.50	2.161		518	259
	DT4.0	1.00	1.823	120°	438	219
		1.50	2.248		540	270
		2.00	2.578		618	309
		2.50	2.882		692	346
	DT5.0	1.00	2.279	125°	546	273
		1.50	2.810		674	337
		2.00	3.223		774	387
		2.50	3.603		864	432
	DT7.5	1.00	3.418	145°	820	410
		1.50	4.214		1012	506
		2.00	4.834		1160	580
		2.50	5.404		1296	648
	DT10	1.00	4.558	145°	1094	547
		1.50	5.619		1348	674
		2.00	6.446		1548	774
		2.50	7.207		1730	865
	DT15	1.00	6.837	145°	1640	820
		1.50	8.429		2022	1011
		2.00	9.669		2320	1160
		2.50	10.810		2594	1297
	DT20	1.00	9.115	145°	2188	1094
		1.50	11.224		2694	1347
		2.00	12.891		3094	1547
		2.50	14.412		3458	1729

# Full Cone

	Code	Spray angle	Pressure (bar)	Flow (L/Min)
	FCX-02	80°	1.00	0.74
			2.00	1.05
			3.00	1.29
			4.00	1.49
			5.00	1.66
	FCX-03	80°	1.00	1.12
			2.00	1.58
			3.00	1.93
			4.00	2.23
			5.00	2.49
	FCX-04	80°	1.00	1.49
			2.00	2.10
			3.00	2.58
			4.00	2.98
			5.00	3.33
	FCX-05	80°	1.00	1.86
			2.00	2.63
			3.00	3.22
			4.00	3.72
			5.00	4.16
	FCX-06	80°	1.00	2.23
			2.00	3.16
			3.00	3.87
			4.00	4.47
			5.00	4.99
	FCX-08	80°	1.00	2.98
			2.00	4.21
			3.00	5.16
			4.00	5.96
			5.00	6.66

# Evenspray 80

	Code	Spray angle	Pressure (bar)	Flow (L/Min)
	E80-01	80°	2.00	0.327
			3.00	0.400
			4.00	0.462
	E80-015	80°	2.00	0.490
			3.00	0.600
			4.00	0.693
	E80-02	80°	2.00	0.653
			3.00	0.800
			4.00	0.924
	E80-03	80°	2.00	0.980
			3.00	1.200
			4.00	1.386
	E80-04	80°	2.00	1.306
			3.00	1.600
			4.00	1.848
	E80-05	80°	2.00	1.633
			3.00	2.000
			4.00	2.309
	E80-06	80°	2.00	1.960
			3.00	2.400
			4.00	2.771
	E80-08	80°	2.00	2.613
			3.00	3.200
			4.00	3.695

# Flat Fan 80

	Code	Spray angle	Pressure (bar)	Flow (L/Min)	Application rates (L/ha)	
					5km/h	10Km/h
	F80-01	80°	2.00	0.327	78	39
			3.00	0.400	96	48
			4.00	0.462	110	55
	F80-015	80°	2.00	0.490	118	59
			3.00	0.600	144	72
			4.00	0.693	166	83
	F80-02	80°	2.00	0.653	156	78
			3.00	0.800	192	96
			4.00	0.924	222	111
	F80-025	80°	2.00	0.816	196	98
			3.00	1.000	240	120
			4.00	1.155	278	139
	F80-03	80°	2.00	0.980	236	118
			3.00	1.200	288	144
			4.00	1.386	332	166
	F80-04	80°	2.00	1.306	314	157
			3.00	1.600	384	192
			4.00	1.848	444	222
	F80-05	80°	2.00	1.633	392	196
			3.00	2.000	480	240
			4.00	2.309	554	277
	F80-06	80°	2.00	1.960	470	235
			3.00	2.400	576	288
			4.00	2.771	666	333
	F80-08	80°	2.00	2.613	628	314
			3.00	3.200	768	384
			4.00	3.695	886	443
	F80-10	80°	2.00	3.266	784	392
			3.00	4.000	960	480
			4.00	4.619	1108	554
	F80-15	80°	2.00	4.899	1176	588
			3.00	6.000	1440	720
			4.00	6.928	1662	831
	F80-20	80°	2.00	6.532	1568	784
			3.00	8.000	1920	960
			4.00	9.238	2218	1109



# Flat Fan 110

	Code	Spray angle	Pressure (bar)	Flow (L/Min)	Application rates (L/ha)	
					5km/h	10Km/h
	F110-01	110°	2.00	0.327	78	39
			3.00	0.400	96	48
			4.00	0.462	110	55
	F110-015	110°	2.00	0.490	118	59
			3.00	0.600	144	72
			4.00	0.693	166	83
	F110-02	110°	2.00	0.653	156	78
			3.00	0.800	192	96
			4.00	0.924	222	111
	F110-025	110°	2.00	0.816	196	98
			3.00	1.000	240	120
			4.00	1.155	278	139
	F110-03	110°	2.00	0.980	236	118
			3.00	1.200	288	144
			4.00	1.386	332	166
	F110-04	110°	2.00	1.306	314	157
			3.00	1.600	384	192
			4.00	1.848	444	222
	F110-05	110°	2.00	1.633	392	196
			3.00	2.000	480	240
			4.00	2.309	554	277
	F110-06	110°	2.00	1.960	470	235
			3.00	2.400	576	288
			4.00	2.771	666	333
	F110-08	110°	2.00	2.613	628	314
			3.00	3.200	768	384
			4.00	3.695	886	443
	F110-10	110°	2.00	3.266	784	392
			3.00	4.000	960	480
			4.00	4.619	1108	554
	F110-15	110°	2.00	4.899	1176	588
			3.00	6.000	1440	720
			4.00	6.928	1662	831
	F110-20	110°	2.00	6.532	1568	784
			3.00	8.000	1920	960
			4.00	9.238	2218	1109



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