



PROFESSIONALS SPRAYERS

CATALOGUE 2026

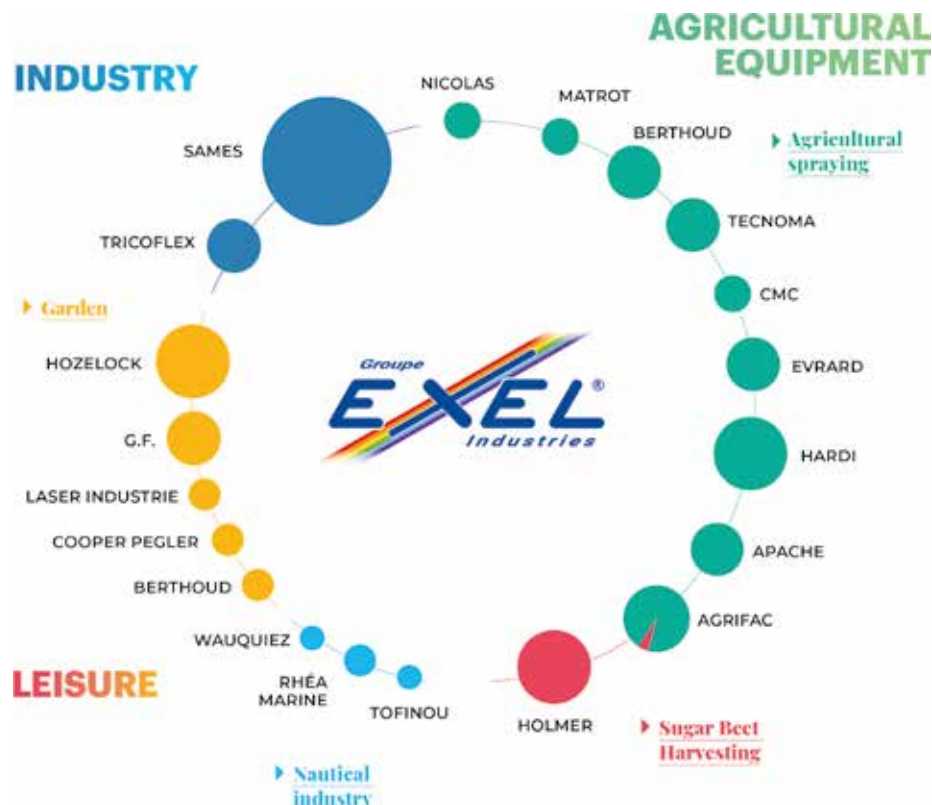


COOPER PEGLER,

The specialist for professionals

"Cooper Pegler's mission is to guarantee users disease free crops using reliable, precise and efficient sprayers that they are taught how to use and maintain. It is our goal to continue to produce the most robust, reliable and user-friendly sprayers on the market."

For over 100 years Cooper Pegler has specialised in the development and manufacture of sprayers for the application of crop protection treatments. 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. Exel industries' specialised knowledge in application technology and manufacturing skills together with Cooper Pegler's century long experience and presence in the world market **is integrated into every product we make today, as well as in the wide range of accessories and spare parts.**



A DROP IN THE RIGHT PLACE:

Crop spraying plays a crucial role in protecting the world's crops against diseases. To ensure that yield losses are kept as low as possible whilst optimising the use of phytosanitary treatments, it is vital that the delivery of crop protection liquids is efficient, punctual and precise.

DEDICATION AND SPECIALISATION:

Knapsack sprayers have always been the core products of Cooper Pegler. Close liaison with chemical manufacturers and continuous product development to meet the evolving needs of the future ensure that Cooper Pegler continues to set the benchmark for quality around the world for safe, punctual and precise delivery of a liquid from a sprayer tank to its intended destination. **Our Maxi Pro Compression sprayers have also been improved for greater comfort and safety.**

PRODUCTION & QUALITY:

Ensuring reliability and precision of a high quality sprayer entails tight control over all production conditions. Therefore, all main Cooper Pegler products and components are assembled at our **factory in France by a skilled and quality conscious workforce.**

- ISO version 2015 certification
- Quality check 2000 hours of simulated use and many quality checks per day on each production lot.



COOPER PEGLER BRAND

SERVICE AND SUPPORT:

Cooper Pegler products are robust to provide years of reliable use. Through an efficient service network operated by selected agrochemical manufacturers, distributors and agents, we ensure that replacement components are readily available and promptly despatched to users wherever in the world they may be. The same prompt service also applies to the practical and technical advice we can offer either by phone or via our website **www.cooper-pegler.com**

AN INTERNATIONAL SETTING:

The Cooper Pegler brand is present on the European, African and Latin-American continents, selling 75% of its turnover outside of Great Britain, its native country. In the main zones where agricultural crops are manually maintained, Cooper Pegler sprayers have proved their robust and reliable characteristics, essential when choosing professional equipment.

EDUCATION:

Cooper Pegler's mission is not only to manufacture reliable and efficient sprayers but also to enable users around the world to achieve disease free crops with reliable and efficient sprayers that they are taught how to use and maintain. To realise this aim, we support our products with thorough **field education programmes covering operation, maintenance and safe use**. Because educational requirements can vary considerably from one country to another, and from one application to another, **we tailor all our programmes** to meet the user's precise needs.



Specialists in spraying technology, Cooper Pegler is recognised worldwide for its conceiving and manufacturing of high quality products: for every product in its range the brand commits itself to offer:

- **Robust and lightweight design**
- **Wide range of accessories**
- **Very few wearing parts**
- **Low cost maintenance**
- **All parts readily available and easily changed.**



LANCE AND TRIGGER

- Very durable and corrosion resistant
- Polypropylene fibreglass reinforced tube
- Very ergonomic (comfortable for intensive use)
- Radial Viton O-rings for good chemical resistance
- Filter for secondary filtration
- Lock "off" safety function
- Brass piston in the trigger

TABLE OF CONTENTS

CP Servicing / Sale Toolsp.5	CP 3 Evolution p.11	Accessoriesp.14 - Nozzles - Booms - Weed killing - Lances - Kits
CP 2p.6	CP Classic Rangep.12	
CP 5 / CP 8p.7	CP 2000 Series Range p.13	
Diaphragm technologyp.8		Breakdown drawingsp.21 - CP 5 / CP 8 - CP15 / CP3 Evolution & Classic - CP15 / CP3 serie 2000
Safety Harnessp.9		
CP 15 Evolutionp.10		Transport Information p.26



THE ORIGINAL

A stamp "THE ORIGINAL - since 1894" has been created to mark authentic CP products: it now appears on product labels to distinguish against copies.



On the new box, you will also find the following text:

«Counterfeit copies are illegal and of poor quality.

Care should be taken as these products are not manufactured in accordance with Cooper Pegler's rigorous reliability, build and safety standards.»

ASK FOR THE ORIGINAL SPARE PARTS!

The crank and the diaphragm are key parts for the reliability of any knapsack: if replaced by poor-quality spare parts, the sprayer can under-perform or even be durably and irreversibly damaged. To quickly authenticate these parts, look for the **Cooper Pegler stamp**.

Crank



Diaphragm



PACKAGING

The complete CP packaging range has been revised with the aim of giving better product visibility and readability. While remaining consistent with the CP brand image, the new boxes focus more on technical information and end-user benefits in order to emphasize our differences from our competitors.

Front face



Focused on the authenticity and history of the brand + nozzle description
(For improved security, all cardboard boxes are now strapped)

Back face



Product enhanced with a large size picture, focus on french quality, warranty period and availability of spare parts



Detailed technical view. Draws attention to the CP complementary range of accessories, with picture illustration

SALES TOOLS

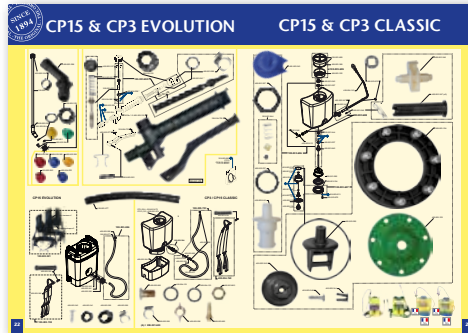
Cooper Pegler provides educational tools to assist end users with their product choice and to maintain their sprayer in good working condition.

SPARE PARTS POSTER:

Perfect for recognizing which spare needs replacing, check its location in the sprayer composition and order it using the correct reference number. The poster dimensions (48 x 68 cm) are convenient for an easy identification of any spare part, either by reference number or picture.

Available for:

CP15 Evolution, CP3,
CP15 Classic
CP 3 serie 2000



CP SERVICE CASE:

For fast and efficient repairs. For each sprayer (CP Evolution, Classic and 2000 series), the service case includes all CP consumables, such as seals, nozzles and all the small parts that can be lost (balls, screws...). Enough to make 150 repairs.



Ref AX. 283581
Ref SAP. 100-003-353
CP Serie 2000
Service Case



Ref AX. 283579
Ref SAP. 100-003-352
CP Evolution, CP Classic
Service Case

SPRAYER MAINTENANCE AND CALIBRATION:

All sprayers require basic maintenance after each use and also a basic service at least once yearly. For an easy guide to sprayer maintenance please use the National Sprayer Testing Scheme (NSTS) checklist as a guide. These NSTS forms can be downloaded on our website (<https://www.cooper-pegler.com/en/calibrate>). NSTS service labels can be requested from any of stockists, see the store locator on our website.



Discover our website
www.cooper-pegler.com
where you can find ...

WEBSITE:



Products intruction manuals



Documentation: pdf catalogues, videos, ...



Product data sheets: detailed presentation of the products and accessories, as well as the advantages of the products



Usage tips and video tutorials



Answers to technical questions



The spare parts catalogue

CP 2

FOR EVERYDAY PROFESSIONAL USE

Handhelds are lightweight, small and primarily designed for spot treatment as professional and durable complementary sprayers.

They come in just as handy for indoor and outdoor plant treatment as for household chores (cleaning, dousing pets with insecticides...).



TOTAL CAPACITY 2 L / USER CAPACITY 1.5 L

Using a compact hand pump to build up air pressure within the bottle to force the liquid out as a continuous stream as long as the trigger button is held down.



	CP 2
Reference AX	848161
Reference SAP	100-002-221
Total capacity of the tank	2 L
Filling limit	1,5 L
Material	PEHD
Dimensions HxW (mm)	300 x 200
Weight (Kg)	0,600
Units per box (PCB)	6



SIMPLICITY AND ACCURACY

Designed to meet the needs of both the home gardener and the horticulturalist requiring professional results, the CP compression sprayers offer you performance and comfort.



Their new robust and ergonomic shape allows the sprayer to be emptied completely (no retention zone) and ensures both efficient pumping (only 20 pump strokes to achieve working pressure) and ease of use.

Its safety valve releases at 3 Bar -with only 0.2 Bar loss - ideal for all insecticide and fungicide applications.

AVAILABLE IN TWO SIZES: 5 AND 8 L



**VERSATILE (FOR
GARDENS AND DIY)
WITH VITON ULTRA
HIGH RESISTANCE
SEALS**



Wide opening for
easy filling emptying
and cleaning

Color	Volume (L/ha)
Yellow	140
Green	50



Nozzles included: Yellow hollow
cone and green anvil

Safety valve with maximum pressure at 3 Bar
– manual sprayer decompression for secure
opening

Comfortable carrying handle

Lance
storage clip

High resistance GRP
(Glassfibre Reinforced Plastic) lance

Transparent tank with moulded
indicator for accuracy

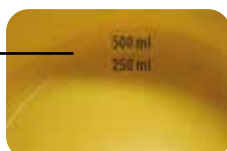
Professional trigger
system with integrated filter

Adjustable, non-absorbent
shoulder strap

Reinforced hose for greater pressure
resistance

Wide base/high stability
tank

Internal gauges



	CP 5	CP 8
Reference AX Reference SAP	846249 100-003-785	846250 100-003-786
Tank litres	7,2 L	11,2 L
Filling limit	5 L	8 L
Material	Polypropylene	
Dimensions HxW (mm)	520 x 210	700 x 210
Total net weight (Kg)	1,55	2,28
Lance length	370 mm	500 mm
Hose length	1000 mm	

DIAPHRAGM TECHNOLOGY



DURABLE, ACCURATE AND SIMPLY MORE EFFICIENT

Diaphragm pumps have been used for decades, proving to be the most durable, robust and accurate: they are well suited for intensive applications even under very harsh conditions.

Diaphragm technology available on these sprayers: CP EVOLUTION AND CP CLASSIC

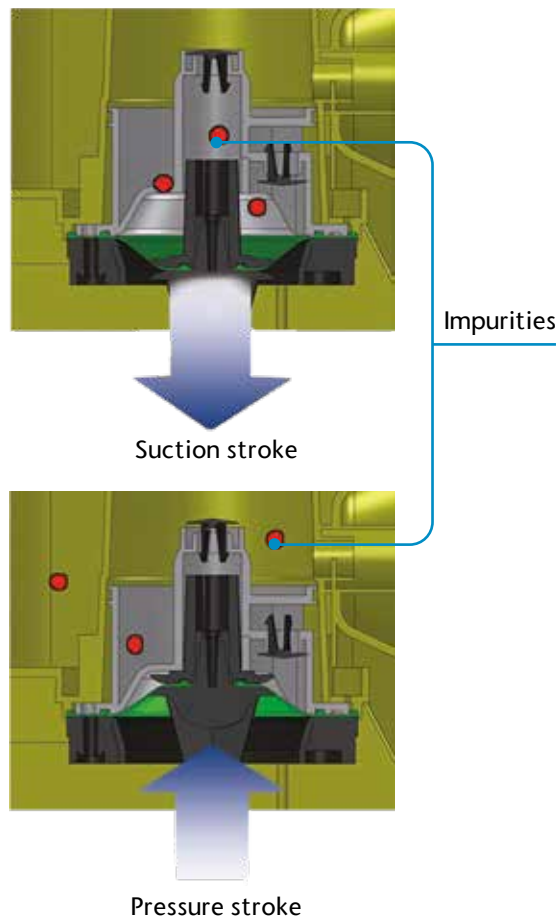
With no direct friction between the diaphragm and the surfaces, pumping is made **easier and more comfortable** compared to a piston pump. Its volume per stroke is also higher. Therefore the CP diaphragm sprayers require no service maintenance nor lubrication other than routine cleaning, resulting in a **long-life product**.

Wear resistant: the unique pump tolerates abrasive particles, like wettable powders and dirty water with no risk of damaging the sprayer.



Thanks to its combined thickness and flexibility (specific technical plastic material: technopolymer), the CP diaphragm is highly hermetic and resistant, ensuring long-life and performance from the sprayer.

As the core component of this technology, the membrane must be replaced by an original CP part once it has worn out: for this, demand CP-marked membranes, a guarantee of authenticity and easy identification.



The diaphragm pump system generates pressure through the deformation of the very flexible diaphragm.



RELIEF VALVE

To avoid overdosing, **the relief valve** limits the pressure to the maximum level (depending on the chosen treatment) and simply returns the excess pressure / liquid back into the main tank, protecting the sprayer.

2 possible positions depending on the chosen treatment:

- Position H (High Pressure) for insecticide and fungicide treatments
- Position L (Low Pressure) for herbicide treatments

Safety: the spray tank is not pressurized and spraying is controlled from the trigger valve.

SAFETY HARNESS



A REVOLUTIONARY SYSTEM WITH SHOULDER STRAPS AND WAIST BELT FOR MAXIMUM COMFORT

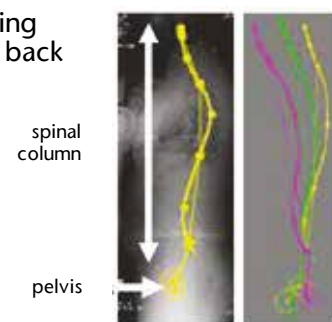
Looks after the user's back to work better and longer.

**SAFETY HARNESS available on these sprayers:
CP 15 EVOLUTION and CP 3 EVOLUTION**

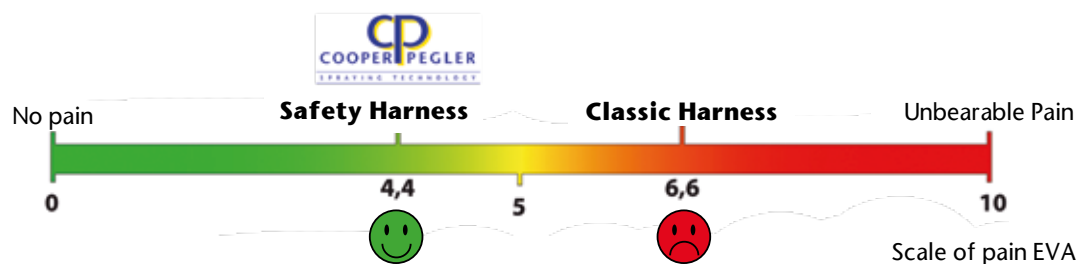
REDUCTION OF NEGATIVE IMPACTS ON THE SPINAL COLUMN AND THE PELVIS

Measurements of the difference between the classic carrying system and an ergonomic carrying system on the subject's back

- X-ray at rest
- X-ray after 20 minutes with sprayer + classic carrying system (thin shoulder straps)
- X-ray after 20 minutes with sprayer + ergonomic carrying system (shoulder straps + waist belt)



SIGNIFICANT REDUCTION IN FATIGUE CAUSED BY THE SPRAYER



AN OPTIMIZED DESIGN FOR THE SAFETY HARNESS

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

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

Reinforced back support

No direct contact with the tank for improved comfort



CP 15 EVOLUTION



THIS ITEM HAS EVOLVED TO MAKE IT MORE CONVENIENT TO CARRY

For more than 20 years the CP15 has been the favourite sprayer for users in agriculture, horticulture and parks and gardens all over the world, thanks to its unbeatable durability, toughness and spray quality.

The CP15 Evolution is now equipped with the revolutionary Safety Harness, a new ergonomic carrying system with ultra-comfortable shoulder straps and waist belt to work better and longer. It is also fitted with two handles on the tank for easy handling. Its unique membrane pump system ensures a long life for the equipment and maximum convenience in spraying thanks to its flexible pumping.

AVAILABLE IN 15 L

Carrying handle

Pressure control valve with fixed settings for spraying herbicides/ insecticides and fungicides



Unique diaphragm pump, for better wear resistance

Adjustable reinforced lever for left / right hand operation

UV stabilised polypropylene tank for a durable yet lightweight sprayer

All working parts mounted inside the tank to prevent damage

Nozzles included: Yellow hollow cone and green anvil

Color	Volume (L/ha)
Yellow	140
Green	50



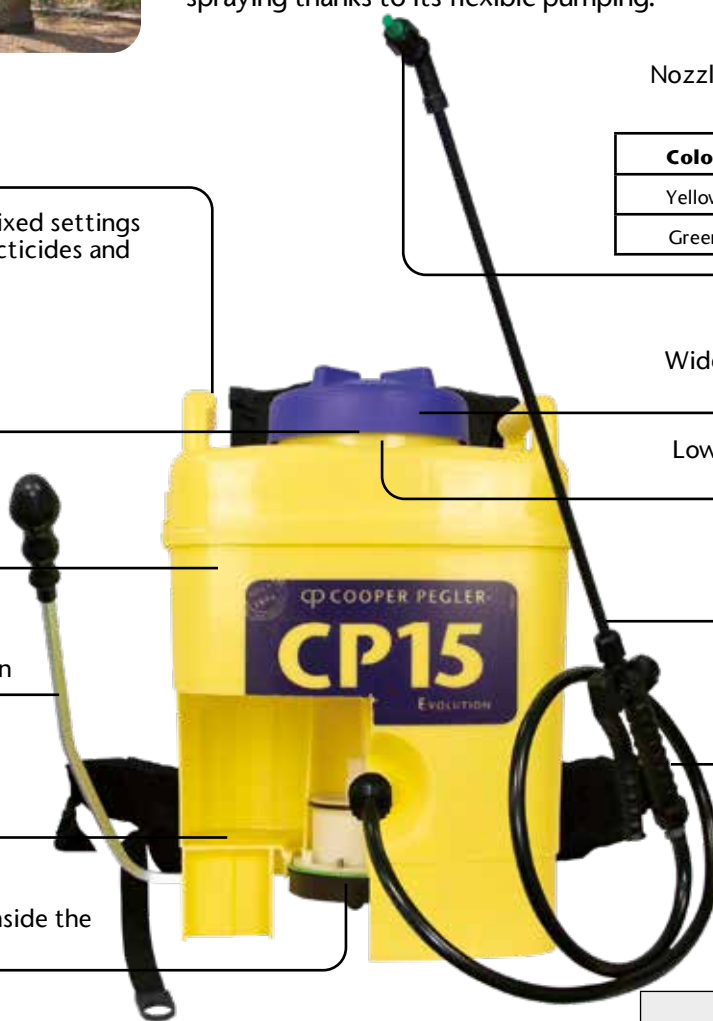
Wide filler hole to prevent overflow when filling

Low mesh strainer to filter out dirt, Supplementary filter in trigger

High resistance GRP (Glassfibre Reinforced Plastic) lance

High resistance composite trigger with filter

Reinforced hose for greater pressure resistance



Standard harness Support + carrying handle



Safety Harness Adjustable waist strap and reinforced back, Significant reduction in discomfort



	CP 15 EVOLUTION Standard Harness	CP 15 EVOLUTION COMFORT Safety Harness
Reference AX	848150	848152 / 848258
Reference by full container	100-003-805*	100-003-807*
Reference by unit	-	100-003-818
Tank litres	15 L	
Material	Polypropylene	
Filler neck	140 mm	
Max working pressure	3 Bar (45 psi)	
Total net weight	4,05 kg	4,47 kg
Harness material	Polyethylene pads with polyester	Polyethylene pads with polyester fibre braiding + reinforced foam
Lance length	500 mm	
Hose length	1360 mm	

*Not available for UK



SAFETY HARNESS

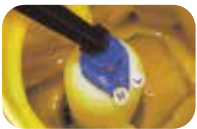
Ideal complement to the CP15 Evolution, the new 20 litre capacity CP 3 provides greater work autonomy.

Its unique diaphragm pump system ensures the longevity of the sprayer as well as an adequate and precise protection for your crops. Its built-in pressure relief valve guarantees precision on the type of application desired.

AVAILABLE IN 20 L

Lid with separate seal and air vent for secure locking

Pressure control valve with fixed settings for spraying herbicides / insecticides and fungicides



High resistance GRP (Glassfibre Reinforced Plastic) lance

Few moving parts of which none are exposed to friction, thus ensuring resistance to dirt in the spray liquid and a very low maintenance level.

Nozzles included: Yellow hollow cone and green anvil



Color	Volume (L/ha)
Yellow	140
Green	50

Unique diaphragm pump very resistant towards water impurities

Safety Harness

Adjustable waist strap and reinforced back. Significant reduction in discomfort



Reinforced hose for greater pressure resistance

Low mesh strainer to filter out dirt, Supplementary filter in trigger

Wide filler opening to prevent overflow

Carrying handle

UV stabilised polypropylene tank for a durable yet lightweight sprayer

Adjustable reinforced lever for left /right hand operation

	CP3 EVOLUTION COMFORT Safety Harness
Reference AX	- / 848255
Reference by full container	100-101-658*
Reference by unit	100-003-816
Tank litres	20 L
Material	Polypropylene
Filler neck	140 mm
Max working pressure	3 Bar (45 psi)
Total net weight	4,44 kg
Harness material	Polyethylene pads with polyester fibre braiding + reinforced foam
Lance length	500 mm
Hose length	1360 mm

*Not available for UK

CP CLASSIC



ROBUST AND ERGONOMIC

For more than 3 decades the CP Classic range has been the preferred choice by agricultural, horticultural and amenity users world-wide, as the most durable, robust and accurate agro-chemical applicator.



Its unique diaphragm pump system and integrated pressure control system ensure many years of tranquility and adequate and accurate protection of your crops. Its ergonomic conception gives greater comfort when performing intensive tasks.

AVAILABLE IN TWO SIZES: 15 AND 20 L

Reinforced hose for greater pressure resistance

Lid with separate seal and air vent for secure locking

Wide filler hole to prevent overflow when filling

UV stabilised polypropylene tank for a durable yet lightweight sprayer

Brass components for excellent durability

All working parts mounted inside the tank to prevent damage

Unique diaphragm pump very resistant towards water impurities

Low mesh strainer to filter out dirt, Supplementary filter in trigger

High resistance GRP lance

Pressure control valve with fixed settings for spraying herbicides / insecticides and fungicides



Few moving parts of which none are exposed to friction, thus ensuring resistance to dirt in the spray liquid and a very low maintenance level

Adjustable reinforced lever for left / right hand operation

Ergonomic reinforcement / Parts protected from damage by tank skirt

Nozzles included:
Yellow hollow cone and green anvil



Color	Volume (L/ha)
Yellow	140
Green	50

Measuring jug included



Straps with support and carrying handle



**NEW
padded shoulder straps**

	CP 15 CLASSIC	CP3 CLASSIC
Reference AX	846255	846320
Reference SAP	100-003-787	100-003-792
Tank litres	15 L	20 L
Material	Polypropylene	
Filler neck	140 mm	
Max working pressure	3 Bar (45 psi)	
Total net weight	4,75 kg	5 kg
Harness material	Polyethylene pads with polyester fibre braiding	
Lance length	500 mm	
Hose length	1360 mm	



ERGONOMIC AND EFFICIENT

With its unique ergonomic design and build to meet international standards, the 2000 series is the most comfortable, safe and capable piston pump knapsack sprayer (wide pressure range).



The non-corrosive polypropylene tank, with no opening below the liquid level, substantially reduces any chance of user contamination. The sprayer is comprised of few parts and can be quickly dismantled for cleaning and maintenance without the use of tools.

Spraying is controlled from the trigger valve.

AVAILABLE IN TWO SIZES: 15 AND 20 L

Reinforced hose
for greater pressure resistance

Pressure regulator integrated

Lance holder for tidy storage



Carry grip
for easy handling

High resistance GRP lance

Nozzles included:
Yellow hollow cone and green anvil



Color	Volume (L/ha)
Yellow	140
Green	50

Parts protected from damage by tank skirt

Double filter system: high capacity strainer
in the lid and fine mesh filter within the
trigger assembly to prevent blockages

Wide (14 cm), angled, side opening for quick
filling and complete emptying, lid incorporates
air valve to prevent expansion

Transparent, lightweight tank
contoured to your back

Piston pump for wide pressure range
and very easy to clean and service

Ergonomic, it is already non-slip handle
Storage compartment for nozzles



Adjustable reinforced
lever for left / right hand
operation



Easily adjustable shoulder harness
with comfortable non absorbent
shoulder pads.
Belt with snap buckle to prevent
lateral movement

NEW
padded shoulder
straps

	CP 15 2000	CP3 2000
Reference AX	846341	846361
Reference SAP	100-003-793	100-003-795
Tank litres	15 L	20 L
Material	Polypropylene	
Filler neck	140 mm	
Max working pressure	3 Bar (45 psi)	
Total net weight	4.75 kg	5 kg
Harness material	Polyethylene pads with polyester fibre braiding	
Lance length	500 mm	
Hose length	1140 mm	

SPARES AND ACCESSORIES



Our accessories are compatible across the Cooper Pegler range. They allow greater precision, better efficiency and huge versatility to spraying across a wide variety of target areas and types of target plants being treated.

In addition our range of spare parts is extensive and unmatched by any other brand. This availability of spares ensures you can protect your investment of a Cooper Pegler sprayer and prolong its' lifespan by maintaining and repairing it for many years.

**SALES POTENTIAL: 20% TO 30%
OF SPRAYING SALES**

**=
ADDITIONAL SALES TURNOVER
+
SOURCE OF CUSTOMER LOYALTY**

A WIDE CHOICE OF ACCESSORIES IS AVAILABLE WITHIN THE CP RANGE FOR:

- High treatment: lances and telescopic lances
- Weeding: spray shields, regulator
- Good speed and performance: nozzles and calibration
- Wide treatment: booms
- Maintenance: spares kits

Ref. 900-000-568 - Dimensions: 100 x 25 cm

Fastenings not included, to be fixed to a perforated display or directly to the wall



NOZZLES

CONTROL AND GUARANTEE THE RIGHT PRODUCT APPLICATION MAKING THE NOZZLE A KEY-PART OF ANY SPRAYER

WHICH NOZZLE TO CHOOSE?

A nozzle for every spray job: select the right nozzle to optimize product application and limit the effects of possible drift.

Cooper Pegler offers an extensive range of nozzles:

- anvil or flat fan nozzles for herbicides, for applications around 1 Bar pressure
- hollow cone for insecticide and fungicide applications, ideally around 3 Bar pressure



Hollow cone nozzle



Flat fan nozzle



Anvil nozzle

Plant Protection Products (PPP) such as herbicides will each have a recommended spray volume for safest application and best results (Litres per hectare (L/ha)).

Each type of nozzle is offered in a **range of outputs/ orifice sizes** in order to give the operator a choice, so they can match their speed to the terrain and output of the nozzle in order to achieve the desired spray volume that the product label stipulates.

Here is a calculation to help you find that Volume:

$$\frac{\text{Nozzle flow (l/min)} \times 10,000}{\text{Size of treatment area (m)} \times \text{speed (m/min)}} = \text{Volume rate (l/ha)}$$

WHY CALIBRATE?

Calibration consists of defining and checking through a test - on a representative sample surface - that spraying conditions (nozzle height, walking speed) are observed, in order to be more precise and efficient.

Deviation from ideal conditions can result in significant performance differences, and increased product use:

Calibration set at:

- Lance 10 cm too low
- Walking speed too slow
- Nozzle worn
- Pressure at 2 Bar
- **Total**

Deviation

25%
20%
20%
10%

Flow rate

200 l/ha
250 l/ha
300 l/ha
360 l/ha
396 l/ha
396 l/ha



x 2

To avoid pressure variations, we recommend the use of a Constant Pressure Valve or regulator: integrated in the SERIES 2000, or available as an accessory (see page 19)

NOZZLES

HOW TO CALIBRATE?

We recommend calibrating your spraying speed at least once a year.

- 1) Check that the sprayer operates correctly and safely and the nozzle height to get the required treatment size.
- 2) Define a surface area test similar to the nozzle coverage.
- 3) Fill your sprayer with water and spray according to the required conditions (nozzle height and walking speed) on a defined area, for example 100 m².
- 4) To calculate the volume rate (l/ha), multiply the sprayed quantity (missing from the tank) by 100.

Example:

If 3 liters have been sprayed on 100 m², your volume rate is:
3 x 100 = 300 l/ha.

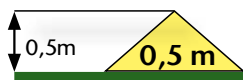
100 m² =
Length x Width

(m)	(m)
0.5	200
0.7	143
1.0	100
1.2	83
1.5	67

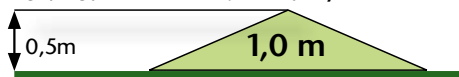
L/ha	L/100 m ²	L/1000 sq ft	US gal / 1000 sq ft	Kalibottle L	Tank capacity / coverage in m ²			
					20 L	15 L	8 L	5 L
350	3.50	3.25	0.86	0.88	571	429	229	143
325	3.25	3.02	0.80	0.81	615	462	246	154
300	3.00	2.79	0.74	0.75	667	500	267	167
275	2.75	2.55	0.67	0.69	727	545	291	182
250	2.50	2.32	0.61	0.63	800	600	320	200
225	2.25	2.09	0.55	0.56	889	667	356	222
200	2.00	1.86	0.49	0.50	1000	750	400	250
175	1.75	1.63	0.43	0.44	1143	857	457	286
150	1.50	1.39	0.37	0.38	1333	1000	533	333
125	1.25	1.16	0.31	0.31	1600	1200	640	400
100	1.00	0.93	0.25	0.25	2000	1500	800	500
75	0.75	0.70	0.18	0.19	2667	2000	1067	667
50	0.50	0.46	0.12	0.13	4000	3000	1600	1000

CHOOSING THE RIGHT NOZZLE ENSURES THE RIGHT COVERAGE AND FLOWRATE. EXAMPLES OF WIDTH AND VOLUME TREATMENT RATE USING ANVIL NOZZLES

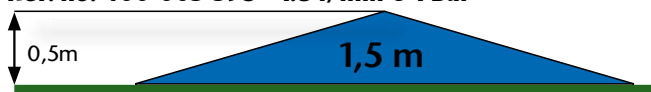
Ref. no. 400-003-393 - 0.6 l/min @ 1 Bar



Ref. no. 400-003-394 - 1.2 l/min @ 1 Bar



Ref. no. 400-003-395 - 1.8 l/min @ 1 Bar



Ref. no. 400-003-396 - 2.4 l/min @ 1 Bar



NOZZLES

CONDITIONS: SPEED: 1 M/S - NOZZLE HEIGHT: 50 CM



**Anvil
nozzle**



**Hollow cone
nozzle**



**Flat Fan
nozzle**

Colour	Ref.	Output L/min.	Width cm	Volume L / ha	Time for 15 L min: sec
Deflector nozzles (for herbicide, very low volume at 1 Bar)					
Orange	371847 / 400-003-388	0,24	110	35	62 : 30
Green	371848 / 400-003-389	0,40	144	50	37 : 30
Blue	371850 / 400-003-390	0,68	160	70	22 : 03
Anvil nozzles (for herbicide at 1 Bar)					
Yellow	372020 / 400-003-393	0,6	50	200	25 : 00
Green	372021 / 400-003-394	1,2	100	200	12 : 30
Blue	372022 / 400-003-395	1,8	150	200	8 : 20
Red	372023 / 400-003-396	2,4	200	200	6 : 15
Hollow cone nozzles (for insecticide and fungicide treatments at 3 Bar)					
Yellow	371694 / 200-001-851	0,8	95	140	18 : 45
Red	371682 / 200-001-850	1,4	120	195	10 : 42
Brown	371695 / 200-001-852	1,8	130	230	8 : 20
Grey	371696 / 200-001-853	2,4	140	290	6 : 15
Flat fan 80° nozzles (3 Bar)					
Red	371859 / 400-003-392	1,6	80	333	6 : 15
Flat fan tapered 110° nozzles (1 Bar)					
Orange	371706 / 400-003-379	0,4	140	133	18 : 45
Yellow	371708 / 400-003-380	0,8	140	267	18 : 45
Blue	371709 / 400-003-381	1,2	140	400	12 : 30
Red	371710 / 400-003-382	1,6	140	533	6 : 15

Check the flowrate of each nozzle each year: it must be even and constant.

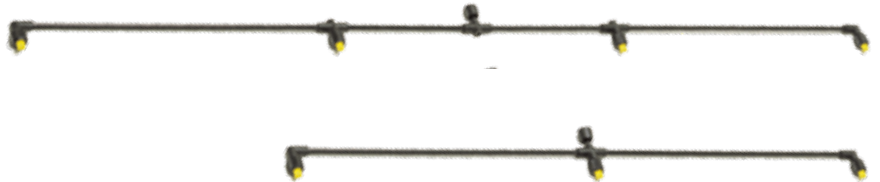
If it differs by more than 10 % from the theoretical flowrate at a precise pressure level, the nozzle has to be changed.

BOOMS



THE INDISPENSABLE ACCESSORY FOR WIDE SPRAYING

To pass from a mono-jet to a multi-jet spray, booms are designed to increase capacity and coverage width. They are particularly good for large areas and herbicide spraying.



Lightweight booms ideal for spraying larger areas.

2, 3 and 4 nozzle booms equipped with ISO F-02-110 flat fan nozzles spaced to every 50 cm, ideal for double overlap.

Output per nozzle at 2 Bar is 0.65 l/min

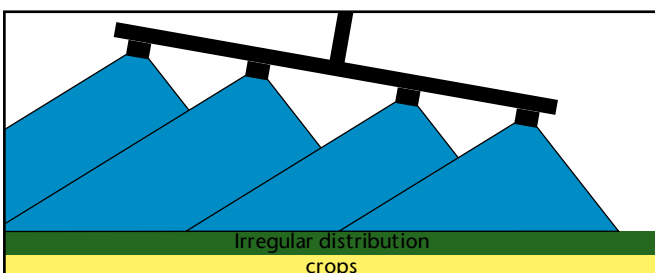
Nozzle angle: 110°

HOW TO GET A GOOD DISTRIBUTION FROM YOUR BOOM?

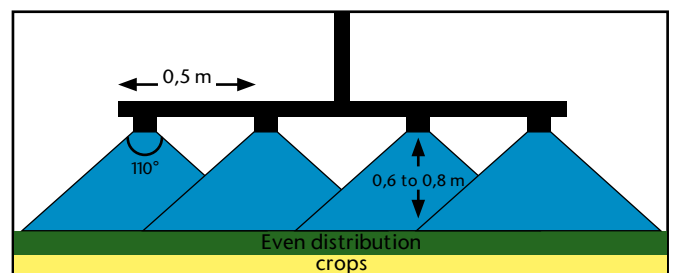
To ensure even coverage on the target area we recommend using the boom at a set height that allows the sprays to overlap each other.



Boom height wrongly adjusted



Boom height correctly adjusted



SPRAY SHIELDS AND PRESSURE CONTROL



SPRAYERS ARE MOSTLY USED FOR WEED KILLING

To optimise herbicide applications, 2 critical factors must be met:

- Keep the spray directly on the target plants to avoid spray drift onto neighbouring plants
- Droplet size must be big enough to avoid being carried away by wind but small enough to ensure even coverage over the target plant(s).

These two factors are achieved by regulating the pressure and choosing the correct nozzle

SPRAY SHIELDS: PROTECTING PLANTS

To spray a localised zone and avoid spray drift, two types are available:

- a wide shield (38 cm) for spraying inter-row or along a path (vineyard, plantations...) safely and efficiently
- a compact round shield (18 cm diameter) to select a localised zone, next to plants and flowers



Wide for composite lance with ISO F-03-110
blue flat fan nozzle -
Ref AX. 741647 / Ref SAP. 100-003-674



Round for composite lance with HC yellow
hollow cone nozzle
Ref AX. 741721 / Ref SAP. 100-003-675

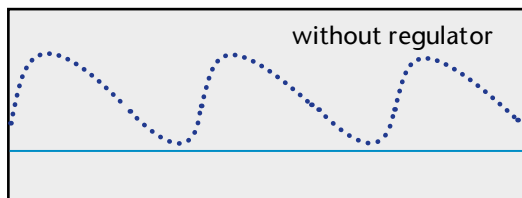
PRESSURE REGULATOR:

Guarantees the best pressure for herbicide spraying (1 Bar) by only allowing liquid to pass once the desired pressure has been reached - ensuring uniformity of droplet size and width of the spray pattern.

An anti-drop system is also incorporated which instantly stops the flow of liquid when the pressure drops below the target value. Universal use, it adapts to all knapsack and compression sprayers (from 5L) within the Cooper Pegler range.

The essential accessory for applying the correct dose and thus achieving substantial product savings without effort.

Pressure



Time

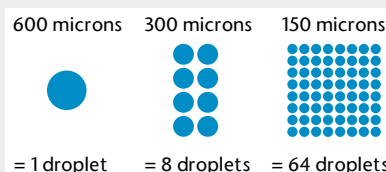


Pressure
regulator 1 Bar
Ref AX. 755837
Ref SAP. 100-003-729

Pressure output with regulator

The droplet size is critical when choosing a nozzle as the efficiency of the phytosanitary product will depend on it.

To get a good coverage, there needs to be enough droplets to be effective, to reach their target and then settle there. 1 Bar pressure gives optimum droplet size (between 200 and 300 microns) to limit drift and prevent runoff and thus reduce product waste. Pressure stability also affects the distribution of the mixture onto the soil.



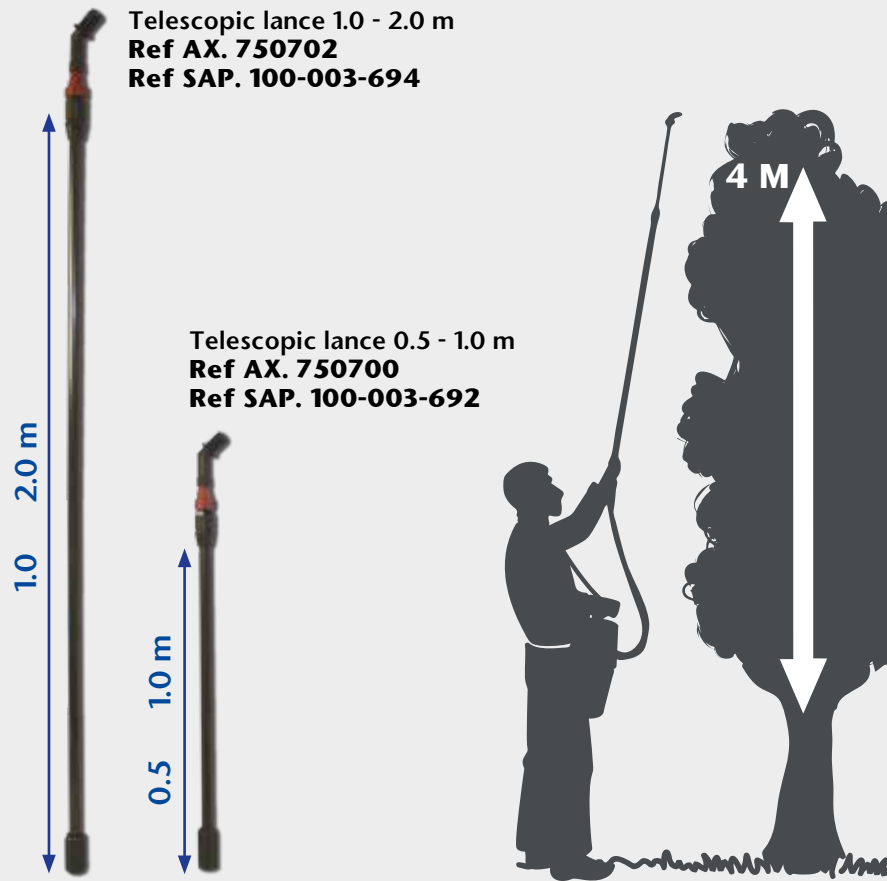
For droplets half the size, you get twice as many drops ... for the same amount of water

LANCES

FOR HIGH TREATMENTS AVAILABLE FROM 0.5 M TO 2.0 M

TELESCOPIC LANCES:

More compact extensions for distant targets, they can be adjusted to the desired length for a perfect application.



LANCES:

extension of the hand and arm, ideal for remote targets such as tall fruit trees.



NOZZLES KITS - SERVICE PACK KITS

To maintain your sprayer in the long run a full range of CP pre-packed spare parts are available to ease reliable maintenance and reduce down time to a minimum.

NOZZLES:



Nozzles kit: 4 flat fan tapered 110° nozzles
Ref AX. 750285
Ref SAP. 100-003-678



Nozzles kit: 3 standard nozzles (hollow cone, flat fan and anvil jet)
Ref AX. 750305
Ref SAP. 100-003-682



Double swivel nozzle
Ref AX. 755823
Ref SAP. 100-003-725

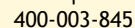
MAINTENANCE KIT:



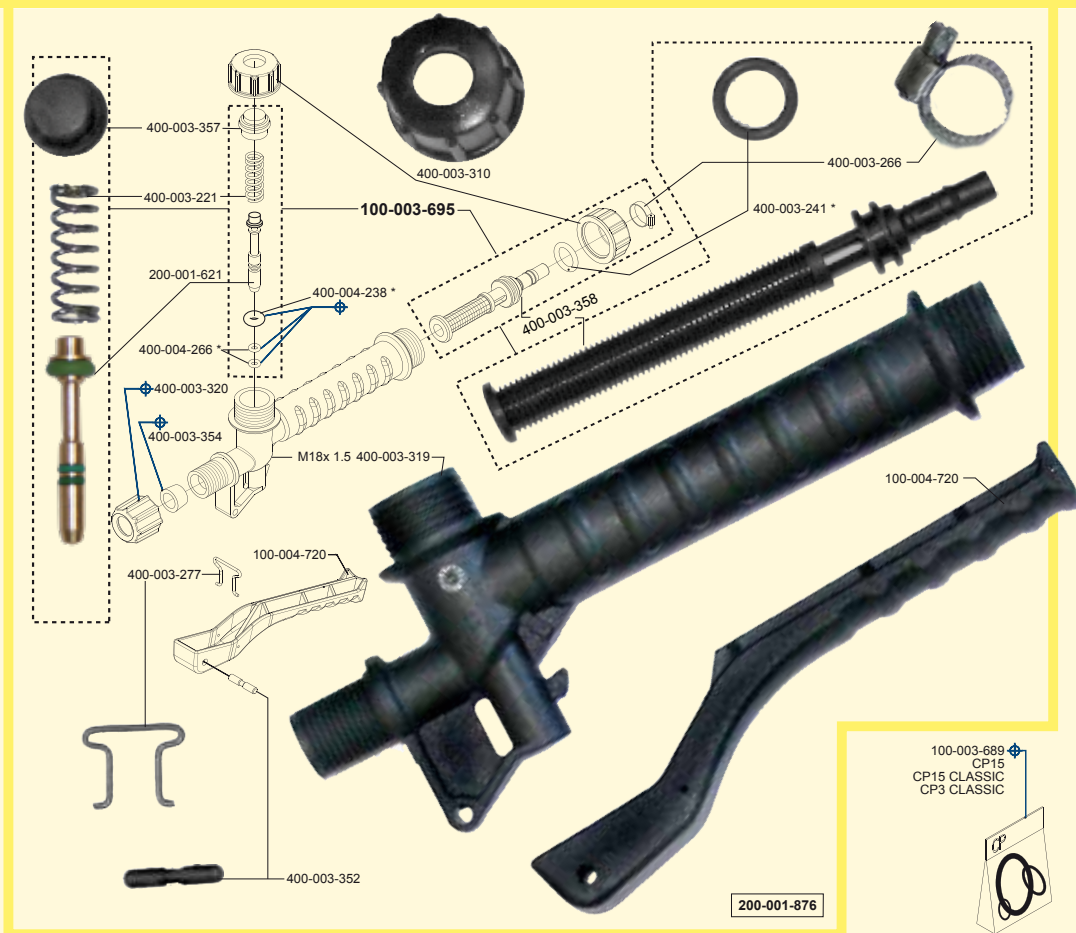
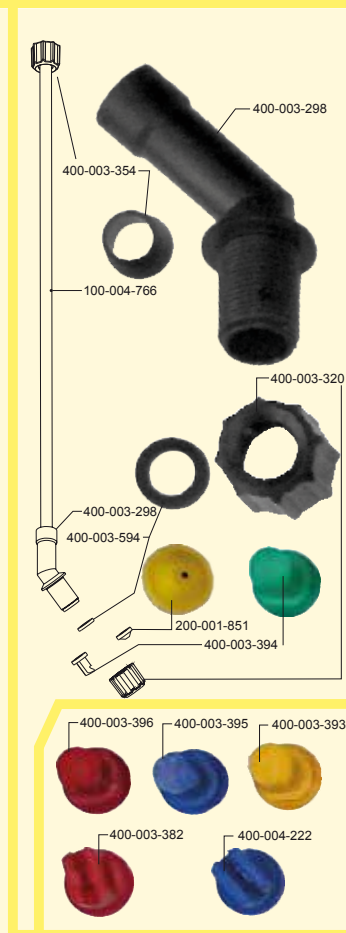
CP Plast trigger
Ref AX. 755826
Ref SAP. 100-003-726



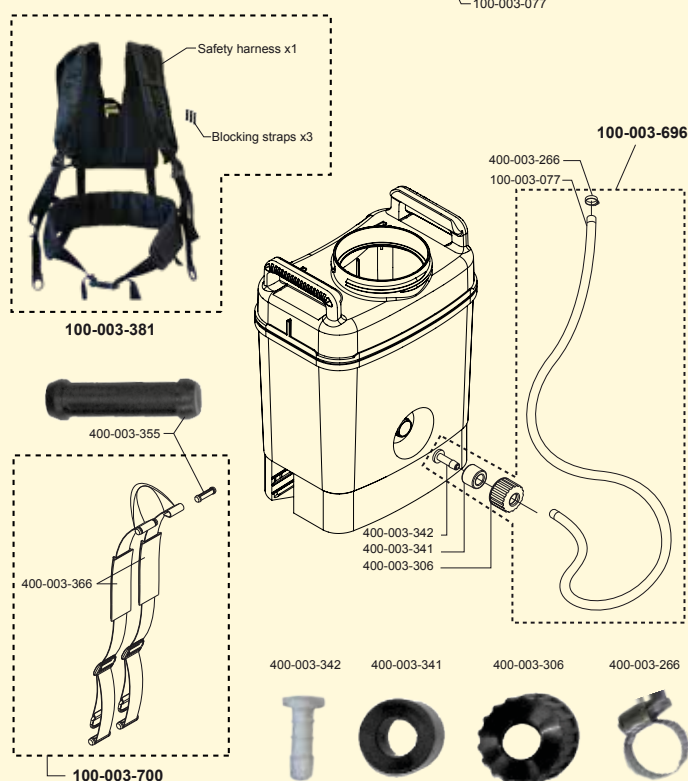
CP Service pack (CP Classic and CP Evolution)
Ref AX. 750405
Ref SAP. 100-003-689



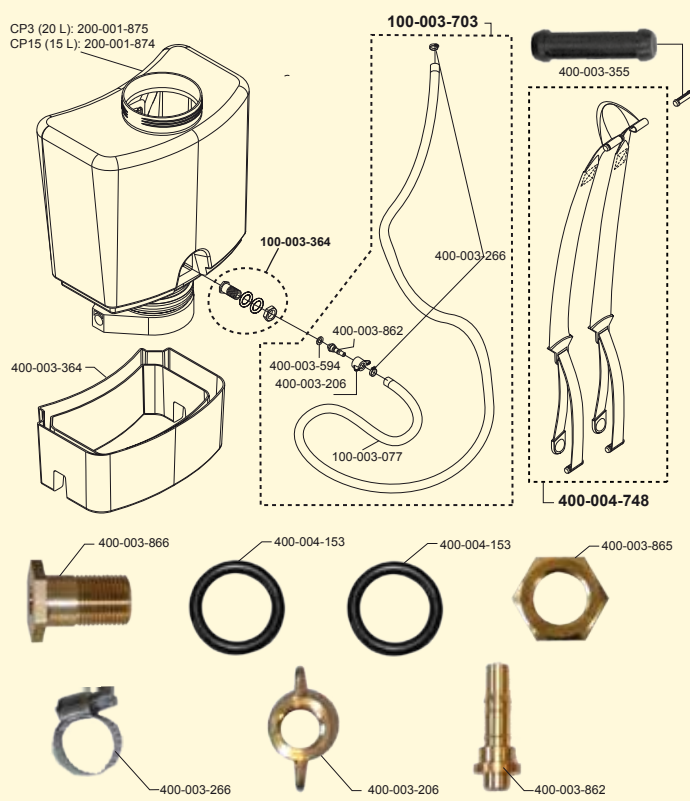
CP15 & CP3 EVOLUTION



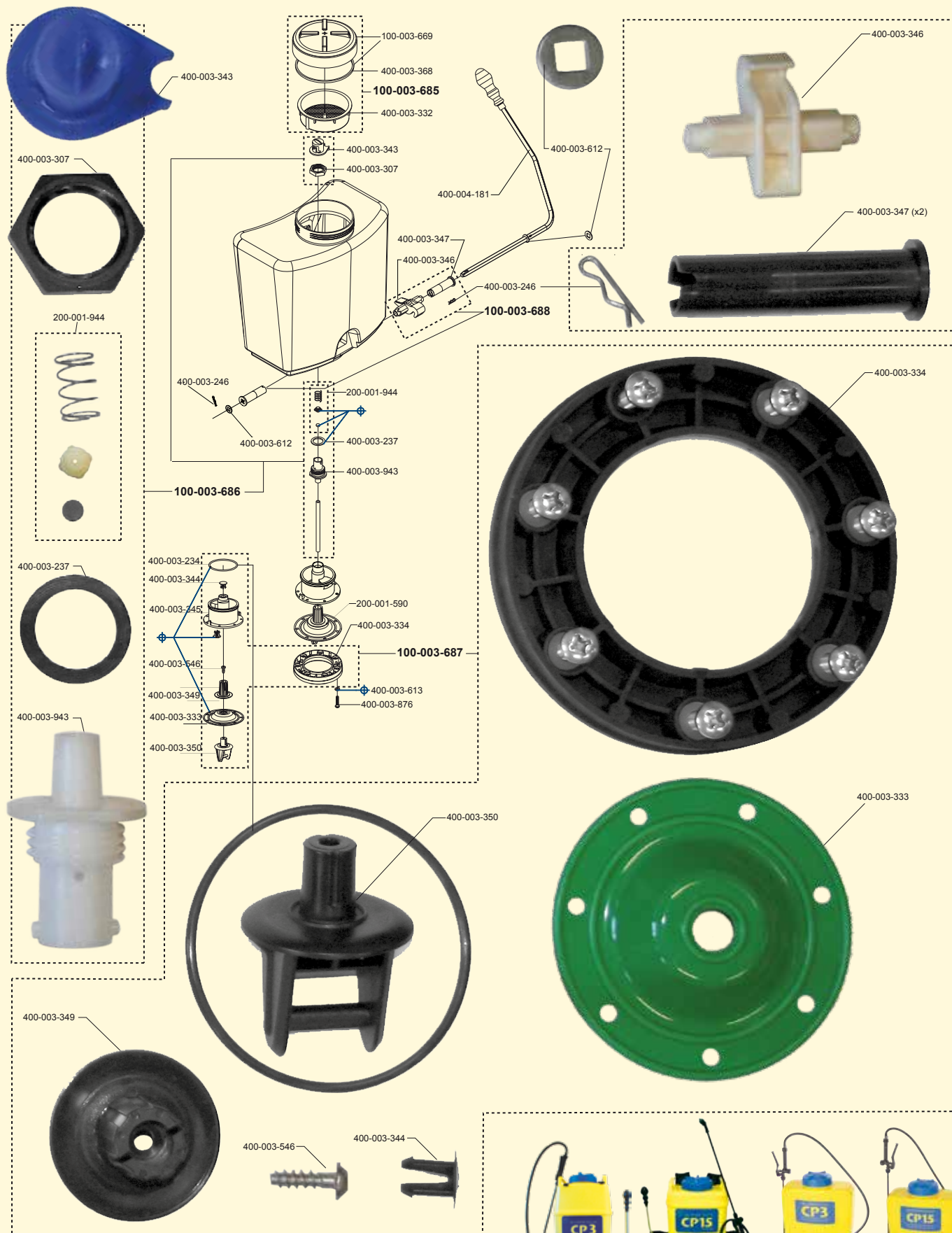
CP15 EVOLUTION

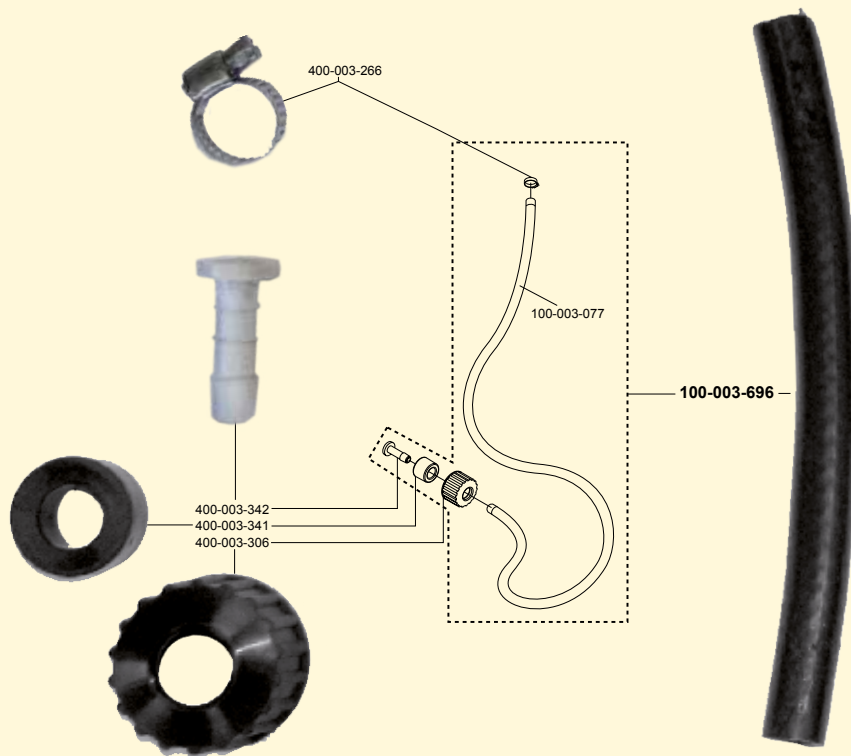
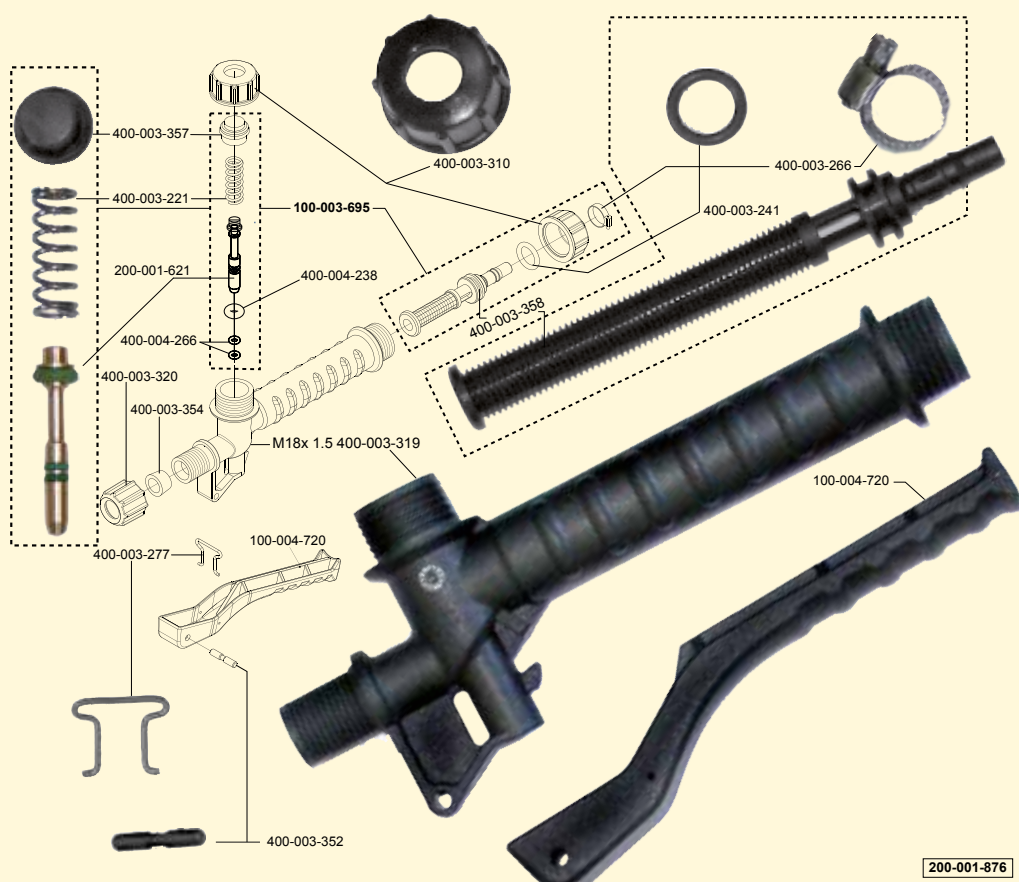
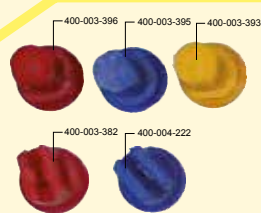
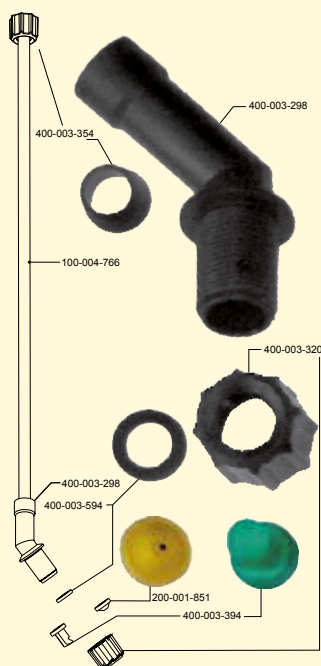


CP3 / CP15 CLASSIC



CP15 & CP3 CLASSIC

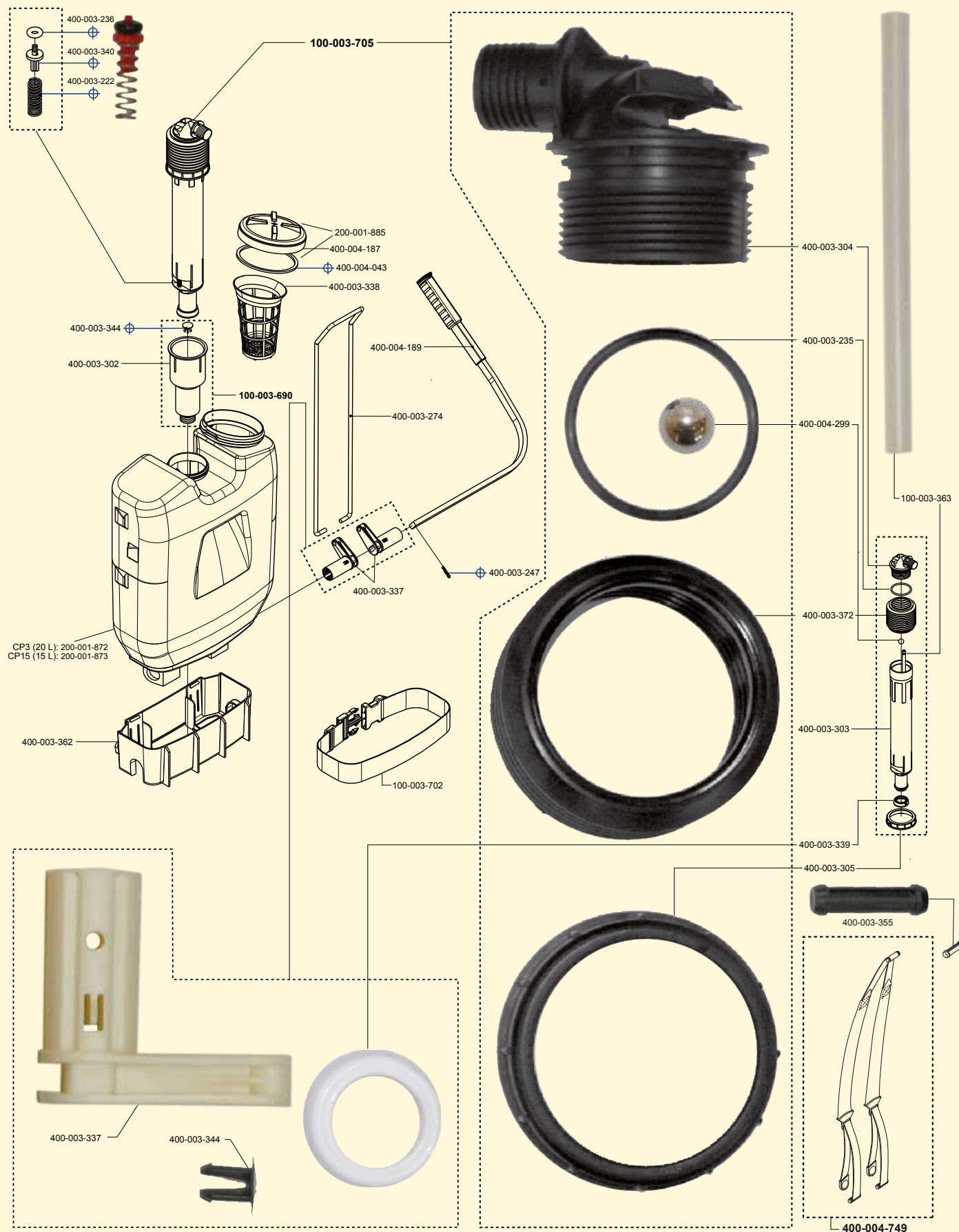




CP15 2000



Made in
France
European Quality



CP RANGE:

TRANSPORT INFORMATION

PRODUCT DESCRIPTION	CODE	EAN CODE	BOX DIMENSIONS L X W X H (MM)	GROSS WEIGHT (KG) BOX+ EQUIP- MENT	PALLET DIMENSION L 80 X W 120	NB UNITS / BOX
					HEIGHT (CM)	
CP 2	848161 100-002-221	3414438481619	295x400x320	3,06	160	6
CP 5	846249 100-003-785	3414438462496	200x200x520	2,00	223	1
CP 8	846250 100-003-786	3414438462502	200x200x690	2,80	222	1
CP 15 Evolution reference by full container*	848150 100-003-805	3414438481503	350x280x490	4,50	211	1
CP 15 Evolution Confort reference by full container*	848152 100-003-807	3414438481527	360x280x490	4,87	207	1
CP 15 Evolution Confort FR reference by unit	848258 100-003-818	3414438482586	340x280x490	4,87	211	1
CP 3 Evolution Confort FR reference by unit	848255 100-003-816	3414438482555	350x260x590	4,92	192	1
CP 3 Evolution Confort reference by full container*	100-101-658	3414435002282	350x260x590	4.92	192	1
CP 15 Classic	846255 100-003-787	3414438462557	400x250x470	5,20	203	1
CP 3 Classic	846320 100-003-792	3414438463202	400x250x570	5,40	211	1
CP 15 2000/S	846341 100-003-793	3414438463417	390x170x630	5,35	210	1
CP 3 2000/S	846361 100-003-795	3414438463615	410x190x640	5,75	207	1

*Not available for UK

		CONTAINER 20 " DRY		CONTAINER 40 " DRY		CONTAINER 40 " DRY HC	
NB UNITS / PALLET	TOTAL WEIGHT / PALLET (kg)	NB OF UNITS / CONTAINER	TOTAL WEIGHT (kg)	NB OF UNITS / CONTAINER	TOTAL WEIGHT (kg)	NB OF UNITS / CONTAINER	TOTAL WEIGHT (kg)
240	125	4116	2099	8 820	4499	10 080	5141
96	198	1 410	2 820	2 940	5 880	3 370	6 740
72	208	1 020	2 856	2 130	5 964	2 500	7 000
40	180	684	3078	1320	5940	1570	7065
32	175	635	3093	1540	7488	1592	7623
32	175	635	3093	1540	7488	1592	7623
24	136	570	2650	1161	5300	1200	6369
24	136	570	2650	1161	5300	1200	6369
36	194	580	3 016	1 190	6 188	1 375	7 150
31	174	515	2 781	1 060	5 724	1 266	6 750
43	237	720	3 852	1 480	7 918	1 700	9 095
40	236	600	3 450	1 240	7 130	1 445	8 309

Reminder:

a container 20 " DRY = 30 m³

a container 40 " DRY = 60 m³

a container 40 " DRY High cube = 70 m³



CP COOPER PEGLER

S P R A Y I N G T E C H N O L O G Y



HOZELOCK EXEL

891 Route des Frênes - ZI Nord Arnas
BP 30424 - 69653 Villefranche Cedex
FRANCE

SIRET 77965877200024 - APE 2830 Z
Capital of 2 600 000 € - RC Villefranche B
Intra-Community VAT number:
FR 02 779 658 772

EMAIL:

hazelock-exel@hazelock-exel.com

Business administration **EXPORT:**

Tel.: +33 (0)4 74 62 48 23

Fax: +33 (0)4 74 62 37 51

www.cooper-pegler.com

Be careful of illegal copies: these are poor quality counterfeit products. Cooper Pegler sprayers are original products manufactured according to strict standards ensuring reliability and efficiency over time.

Delivered by:



Ref. 900-100-889

Update: September 2025

Visuals and texts are not contractual

Crédit photos © Chaintreuil