



# Lifejackets & buoyancy aids

Lifejackets and buoyancy aids used in recreational or professional activities must comply with the specifications of the European Directive 89/686/CE on Personal Protective Equipment.

The CE mark of approval must be printed on the garment's label and testifies that the lifejacket complies with the European Directive. Lifejackets are ranked in 4 categories according to their use, performance and buoyancy level.

	Buoyancy aid 50 Newton	Lifejacket 100 Newton	Lifejacket 150 Newton	Lifejacket 275 Newton
<b>Use</b>	Coastal sailing, beach/shore activities. Suitable for good swimmers.	Sheltered waters, inshore and coastal sailing.	Open sea/blue water sailing.	Open sea/blue water sailing. Extreme conditions and professional use.
<b>Type of vessel</b>	Canoe-kayak, windsurf, dinghy, water ski, jet ski, kitesurf, stand up paddle.	Sail and power crafts.	Sail and power crafts.	Sail and power crafts Professional vessels*.
<b>Performance</b>	<b>Not self-righting.</b> Keeps the airway out of the water, wearer being conscious.	<b>Self-righting : turns wearer** safely on his back within 10 seconds.</b>	<b>Self-righting : turns wearer** safely on his back within 5 seconds.</b>	<b>Self-righting : turns wearer** safely on his back within 5 seconds,</b> user wearing heavy protective clothing. Recommended for use with clothing that may trap air. **most wearers
<b>Colour</b>	One or several.	Bright colour imposed.	Bright colour imposed.	Bright colour imposed.
<b>Reflecting material</b>	Not required	100 cm <sup>2</sup>	300 cm <sup>2</sup>	300 cm <sup>2</sup>
<b>Whistle</b>	Not required	Required	Required	Required
<b>Grab handle</b>	Not required	Not required	Required	Required
<b>Crutch strap</b>	Not required	Recommended	Recommended	Recommended

\*\* most wearers

\* Lifejackets used on board commercial or passenger vessels must meet the requirements of Marine Equipment Directive 96/98 and SOLAS specifications.

## How to choose your jacket ?

### • According to activity or use

The primary function of a lifejacket is to keep the victim's airways out of the water and to allow an efficient spotting in order to facilitate the rescuing manoeuvres.

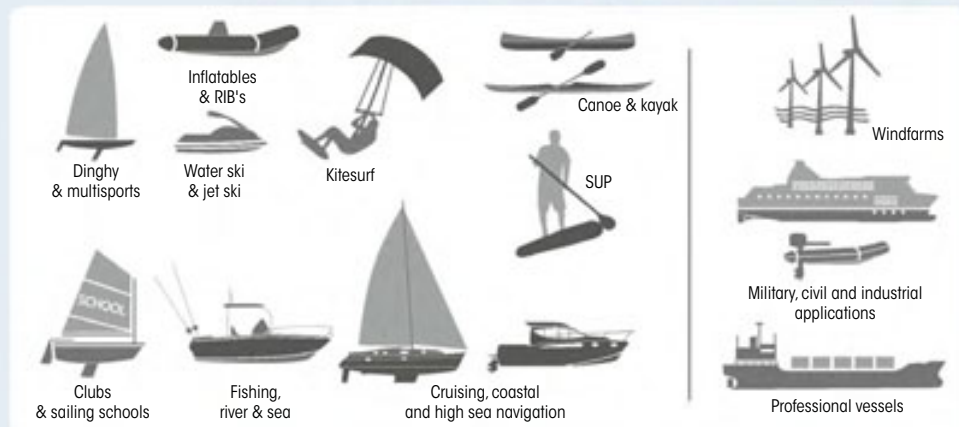
### • Lifejacket or buoyancy aid ?

A lifejacket keeps the wearer safely on his back and provides enough buoyancy for use in different open and rough sea conditions. It provides self-righting capacity

A buoyancy aid provides sufficient buoyancy for use in sheltered waters and does not offer self-righting capacity.

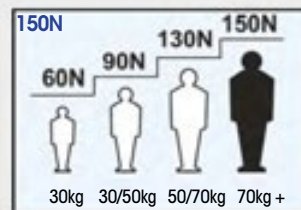
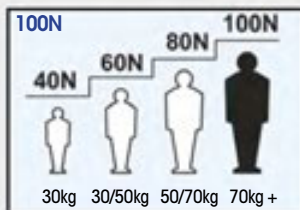
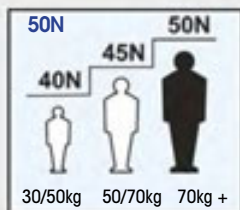
In addition, the type of sports or activity defines the level of performance expected from a PFD (personal floatation device) : in some cases, comfort and softness are critical, while other activities require durability and buoyancy first.

I. Joschke, skipper Figaro Bénéteau  
Générali-Horizon Mixité



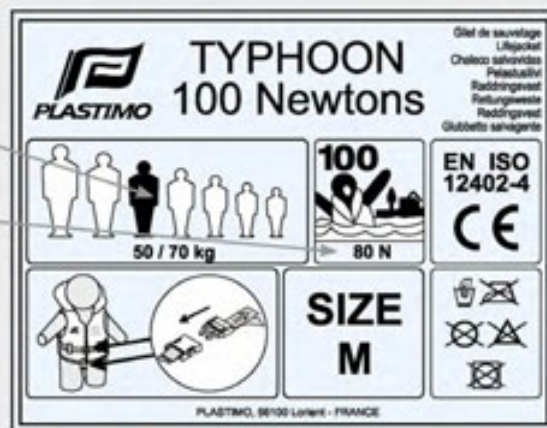


## Read the label and understand your purchase



You have selected a **100 Newton category** lifejacket.

The CE mark of approval testifies that this lifejacket is fully approved. Within the **100 N category** which you selected, it is **your own body weight** (hence the lifejacket size) which determines the actual buoyancy of the garment. In this example, the wearer weighs between 50 and 70 kg. (It is only in the case of a wearer weighing 70 kg or more that the required buoyancy is 100 N). For a wearer from 50 to 70 kg, within the 100 N category, the buoyancy required by CE standards is 80 N. Within a given category, a smaller size features proportionally less buoyancy.



### Children's life-jackets are a specific case on their own :

Plastimo lifejackets designed for may wearers below 30 kg body weight systematically belong to the 100 Newton category.

Whether sailing in the open sea or by the shore, it is absolutely necessary to equip very young children with self-righting lifejackets, fitted with reflective material and hoisting loops or handles.

For some specific applications, national bodies or federations may recommend a buoyancy rating superior to standard.

Example of Canoe-Kayak buoyancy aids : Plastimo developed 50 N category buoyancy aids, with an actual buoyancy upgraded to 70 N.

## • According to activity or use

The primary function of a lifejacket is to keep the victim's airways out of the water and to allow an efficient spotting in order to facilitate the rescuing manoeuvres.



The child's weight is considered by the regulation as the criteria serving as a basis for buoyancy per size. Therefore, we indicate the age as a guide only ; it is imperative that the child tries the lifejacket on before purchase.



Most inflatable lifejacket models\* are designed for a 60 to 130 cm waistline. The Pilot 165 model, in XXL size, fits waistline up to 170 cm.

\*adult size

## • Choose between 2 technologies

### Lifejacket with permanent floatation (foam technology)

Designed to be used either in the water/ water surface or in case of accidental fall into the water. Also provides a good protection against knocks and contributes to thermal protection.








### Inflatable lifejacket (air bladder technology)

Designed specifically to be used in case of accidental fall into the water.

Extremely compact when non inflated, the inflatable lifejacket provides optimum freedom of movement. In the event of a man over board, the inflatable lifejacket (automatic or manual) provides ample floatation capacity.

# How to choose



SPECIFICATIONS	PILOT IOR page 15	SL 180 page 16	PILOT RACE page 17	E V O 165 page 18	PILOT 165 page 19
Actual buoyancy* (standard rating)	220/165N (150N) total/useful	180N (150N)	165N (150N)	165N (150N)	165N (150N)
Harness EN ISO 12401 <b>With harness</b> : webbing/buckles <b>Without harness</b> : webbing/buckles	Polyester/316L st. steel Polypro/composite	Polyester/Dyneema -	Polyester/316L st. steel -	Polyester/316L st. steel Polypro/composite	Polyester/316L st. steel -
Turns wearer** safely on his back, even unconscious, within 5 seconds	✓	✓	✓	✓	✓
Inflation : gas bottle Tube for oral inflation with non-return valve. Also allows pressure adjustment.	45 g CO <sub>2</sub> ✓	38 g CO <sub>2</sub> ✓	33 g CO <sub>2</sub> ✓	33 g CO <sub>2</sub> ✓	33 g CO <sub>2</sub> ✓
<b>Firing / Inflation mechanism</b> manual only automatic, water dissolving cartridge automatic Pro-Sensor, water dissolving cartridge automatic hydrostatic Hammar	- ✓ -	- ✓ ✓	- ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Air chamber, yellow colour	Independent	Fully stitched to outer shell, fluo orange	Independent	Independent	Independent
Visibility of inflated jacket Retro-reflecting tapes (Flashlight optional on all models)	300 cm <sup>2</sup> + flag on dan buoy	300 cm <sup>2</sup>	300 cm <sup>2</sup>	300 cm <sup>2</sup>	300 cm <sup>2</sup>
Outer shell	Soft polyester material	Extra-soft polyester/ polyurethane	Soft polyester material	Soft polyester material	Soft polyester material
Retro-reflective piping	✓	-	✓	-	✓
Crutch strap	Optional	Included	Included or optional	Included or optional	Included or optional
Size / waistline	60-130 cm	60-130 cm	60-130 cm	60-130 cm	60-130 cm XXL : 130-170 cm
Weight of lifejacket (as from ... g. / e.g. manual model, no harness)	1000 g	1100 g	940 g	730 g	700 g
Features common to all models	Whistle, grab loop in 25 mm polypropylene webbing				
Recommended use					

\*actual average buoyancy measured as per EN ISO 12402-9 standard, at 20°C after initial stabilisation.  
\*\* most wearers.

# your inflatable lifejacket ?

**3** year  
Warranty

- Compliant standards currently in force :**
- Lifejackets without a harness : EN ISO 12402-3, applicable to 150 N lifejackets.
  - Lifejackets with a harness : EN ISO 12402-3, applicable to 150 N lifejackets, and EN ISO 12401 applicable to safety harnesses.

All automatic lifejackets are also manual.



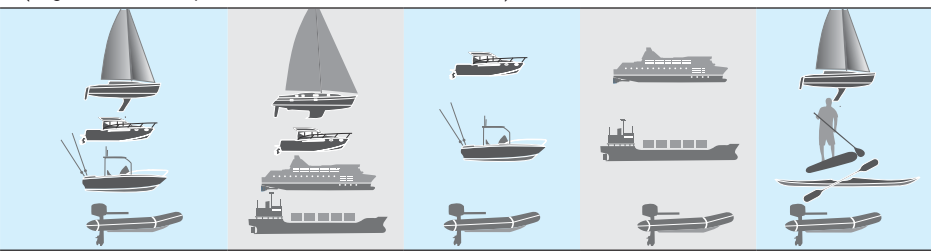
QUICKFIT page 20	PILOT 300 page 21	PILOT FISHING page 32	Pilot Pro 165 page 33	Pilot Pocket page 20
165N (150N)	300 N (275N)	165N (150N)	165N (150N)	160N (150N)
Polyester/316L st. steel Polypro/composite	Polyester/316L st. steel Polypro/composite	- Polypro/composite	- Polypro/composite	- Polypro/composite
✓	✓	✓	✓	✓
33 g CO <sub>2</sub>	60 g CO <sub>2</sub>	33 g CO <sub>2</sub>	33 g CO <sub>2</sub>	33 g CO <sub>2</sub>
✓	✓	✓	✓	✓
✓ ✓ -	✓ ✓ ✓ ✓	✓ - - ✓	- ✓ ✓ ✓	✓ - - -
Fully stitched to outer shell	Independent	Independent	Independent	Independent
300 cm <sup>2</sup>	400 cm <sup>2</sup>	300 cm <sup>2</sup>	300 cm <sup>2</sup>	300 cm <sup>2</sup>
Soft polyester material -	Soft polyester material ✓	Coated material, washable -	Coated material, washable ✓	Polyester, zipped pouch around the waist -
Included	Included or optional	Optional	Optional	-
86-157 cm	60-170 cm	60-130 cm	60-170 cm	55-140 cm
790 g	970 g	710 g	880 g	550 g



**MADE BY  
PLASTIMO**

Options & accessories  
see pages 23 - 24

(to grab the casualty and hoist him/her out of the water)



Traditional  
lifejacket :  
See page 25





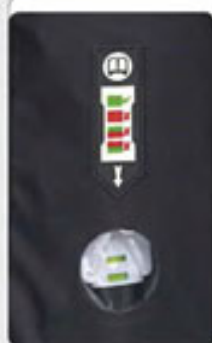
Specialist  
of safety  
at sea for  
over 50 years

Designer and manufacturer of lifejackets for over 50 years, Plastimo gives you some extra clues to understand the lifejacket differences and operation and thus select the best model for your application.



B. Legrain ©

## Features common to 150, 165, 180 & 275 N lifejackets



### Pro-Sensor automatic inflation system (water-dissolving cartridge)



Viewing window to monitor the status of the firing head : Pro-Sensor inflation system indicates visually the status of the firing head (green = lifejacket is operational). If the gas bottle is pierced or not properly tightened, the indicator turns red automatically.

### With or without harness ?



**Lifejacket  
without a harness**

40 mm polypropylene webbing and composite material buckles.



### Hammar inflation system (hydrostatic)

Viewing window\* to check the firing head status (green = lifejacket is operational).

A mesh patch built into the outer shell accelerates the water entry to trigger the firing head quicker.

\*except on Pilot 165



**Lifejacket**

**with EN ISO 12401 harness**

46 mm polyester webbing and 316L stainless steel buckles (except SL180, featuring Dyneema loops). Suitable for use with a tether.



# Inflatable lifejackets

Manual or automatic?  
Some hints to help you choose.

Inflation can be triggered in 3 ways :

- **Oral inflation** : possible on all lifejacket models. The oral inflation tube allows you to pump up.
- **Manual inflation** : firing the CO<sub>2</sub> gas cylinder is done by pulling an activating handle. Specially recommended for sailors who may be occasionally immersed when manoeuvring (for example when sitting out on rather acrobatic manoeuvres).
- **Automatic inflation** : the lifejacket inflates automatically on immersion in the water. Recommended for cruising, an absolute must for non-swimmers and for single-handed sailors, as the lifejacket inflates even if the wearer is unconscious.

2 automatic inflation principles :

- **Automatic inflation with water-dissolving capsule or cartridge** : a chemical product dissolves when in contact with water, which activates the inflation head and releases the gas.
- **Automatic inflation with Hammar hydrostatic mechanism** : when the lifejacket is fully immersed in the water, the hydrostatic pressure acts on a diaphragm. As the pressure increases (i.e. as the wearer goes deeper in the water), the diaphragm lets the water through and the inflation head is automatically activated. This system offers a better guarantee that the lifejacket may not inflate unintentionally when exposed to a water spray or when stowed in a damp locker. When wearing foul weather clothing a lifejacket has to overcome the fact that air is often trapped in the clothing causing the user to both surface quickly and float on their back. This may cause slow or non-activation of the inflator, as this will place the valve uppermost, preventing it from being sufficiently submerged. An unchanged parallel position of the body to the water surface with the hydrostatic valve uppermost has the same effect. In such cases, the manual backup (pull tab) should be used to inflate the Lifejacket. Changing position in the water, or jumping or falling into the water in all other ways, will immediately activate the hydrostatic valve and the lifejacket will inflate.



Yann Eliès, Skipper Figaro Queguiner



CE  
EN ISO  
12402-3  
12401

150  
Newton



## Pilot IOR lifejacket -150 N with dan buoy

Cruising & blue water sailing

Unique safety equipment combining an inflatable lifejacket and an inflatable dan buoy : the lifejacket air chamber incorporates the inflatable dan buoy.

In the event of a man overboard, lifejacket and dan buoy inflate automatically and simultaneously.

- **Buoyancy** : rated 150 N, provides 165 N actual buoyancy (220 N including dan buoy).
- **Inflation** : automatic or hydrostatic Hammar, inflated by 45 g CO<sub>2</sub> gas bottle.
- **Black outer shell** with removable fleece collar, reflective piping and zipped pocket for small equipment.
- **Harness waist strap** : 46 mm polyester webbing + velcro retainer to conceal the st. steel D-ring when tether is not hooked.

**Dan buoy in neon yellow nylon,** polyurethane coated.

- Height above water when inflated : 1.10 m.
- Red and yellow flag (21 x 14 cm),
- Retro-reflective tapes,
- Lanyard.



### Accessories

#### Re-arming kit

- **Automatic : 53486**  
(45 g CO<sub>2</sub> bottle & water-dissolving cartridge).

- **Hydrostatic : 53487**  
(45 g CO<sub>2</sub> bottle & Hammar mechanism).



PILOT IOR with harness	Reference
Automatic	63737
Hydrostatic Hammar	63738



# SL 180 lifejacket



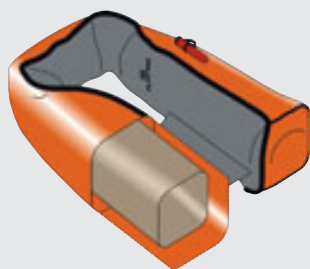
Designed for intensive use and agile sailing.  
Comfortable and ergonomic design, innovating flexible materials :  
the SL 180 is definitely tailored for performance !

- **Buoyancy** : Rated 150 N, provides superior 180 N actual buoyancy (38 g CO<sub>2</sub>).
- **Outer shell** : flexible and comfortable. Soft mesh neckline, foam-padded back panel, retro-reflective stripe. Quick burst zip outer shell closure.
- **Air chamber** : fully stitched to outer shell. Fluo orange for visibility + 300 cm<sup>2</sup> retro-reflective tapes.
- **Hi-tensile fibre harness**
- **Inflation** : Viewing window on Pro-Sensor and Hammar versions to inspect the status indication on the firing head. Grid patch on Hammar model accelerates the water entry to trigger the firing head quicker.

Front pocket to access the firing head easily without deploying the outer shell.

## Ergonomic and unobtrusive

- **Practical and intuitive donning** : zipped waistcoat style allows for perfect body fit in all manoeuvres and body positions. Double crutch strap.
- **Adaptable** : shoulder and waist-side easy adjustment buckles and straps, to adapt to all body sizes and shapes.
- **Modular** : pocket for extra accessories (flashlight, lightsticks, distress beacon).



**EXCLUSIVE TECHNOLOGY**  
invented by Plastimo :  
To combine lightweight,  
performance and reliability,  
Plastimo replicates in  
the SL 180 lifejacket the  
polyurethane film air  
chamber, engineered in its  
liferafts for decades.

SL 180 with harness	
Automatic	<b>64111</b>
Automatic Pro-Sensor with viewing window	<b>64112</b>
Hydrostatic Hammar with viewing window + grid	<b>64113</b>

Dyneema® is a registered trade mark of DSM.



Hi-tensile fibre  
harness : soft loops  
in Dyneema®  
and webbing in  
polyester,  
combining reliability  
and resistance with  
lightweight and  
contact-friendly  
construction.



Fluo orange air chamber,  
fully stitched to  
outer shell.



Mesh  
neckline with  
ergonomic design  
flexes around your  
shoulders. Strap  
adjustment for  
better fit in height,  
foam padded  
patch for added  
comfort.



Zipped pocket  
for safety  
equipment.



Outer shell closure with quick  
burst zip for air chamber to  
deploy instantly.

**CE**  
**EN ISO**  
**12402-3**  
**12401**

**180**  
Newton

## Options & Accessories

### Re-arming kits

- **Automatic : 64114**  
(38 g CO<sub>2</sub> bottle & water dissolving cartridge).
- **Pro-Sensor automatic : 64115**  
(38 g CO<sub>2</sub> bottle & water dissolving cartridge).
- **Hydrostatic : 64116**  
(38 g CO<sub>2</sub> bottle & Hammar mechanism).

© Vincent Curutchet / DPPI / MACIF





**165**  
Newton

**CE**  
EN ISO  
12402-3  
12401



#### Viewing window :

Both Pro-Sensor and Hammar inflation systems indicate visually the status of the firing mechanism. If the gas bottle is pierced or not properly tightened, the indicator turns red automatically.

### Options & Accessories

- **Colour fleece collar set : 62238**  
6 fleece collars of different colours. Customises every lifejacket and helps crewmembers identify their own. Very useful once lifejacket has been adjusted to fit your own bodysize.



- **Spare fleece collar, black : 62239**



- **Re-arming kits**

**Hammar hydrostatic : 58461**  
(33 g CO<sub>2</sub> bottle + Hammar mechanism).

**Pro-Sensor automatic : 58460**  
(33 g CO<sub>2</sub> bottle + dissolving cartridge).

- **Crutch strap : 50524**
- **Emergency light : 62058**  
Features a loop for attachment to the oral inflation tube.
- **Choice of tethers,**  
see page 40

# Pilot Race lifejacket



Hardwearing and comfortable, particularly suitable for intensive use.

Reflective piping.

Removable neck fleece.

Plastic ring to secure accessories.

Zippered pocket for personal safety equipment.

Velcro retainer to conceal the st. steel D-ring when tether is not hooked.

**57442 : Hydrostatic Hammar.**

## Pilot Race 165 N

- **Buoyancy** : Rated 150 N, provides 165 N actual buoyancy.
- **Inflation** : Hammar or Pro-Sensor automatic inflation systems. An indicator system confirms the status of the firing mechanism : green indicates if lifejacket is operational.
- **Air chamber** : independent, inflated by CO<sub>2</sub> gas bottle.
- **Visibility of inflated jacket** : yellow air chamber + 300 cm<sup>2</sup> retro-reflecting tapes, sewn on the jacket for increased durability.
- **Black outer shell : low profile**, body-hugging design and rounded removable fleece collar for optimum comfort.
- **Harness waist strap** : 46 mm adjustable polyester webbing.
- **Backstrap**, 40 mm polypropylene : ensures perfect body fit when lifejacket is inflated.

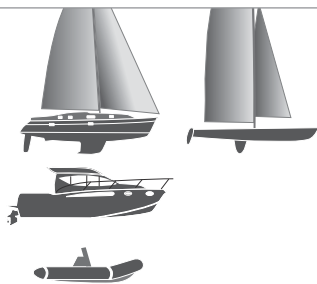
PILOT RACE with harness	With crutch strap	Without crutch strap
Automatic Pro-Sensor	<b>57505</b>	<b>57441</b>
Hydrostatic Hammar	<b>57506</b>	<b>57442</b>

Isabelle Joschke,  
Générali Horizon Mixité



© Th.Martinez / Sea&Co

# EVO 165 lifejacket



Cruising and intensive use.

- **Buoyancy** : Rated 150 N, actual buoyancy 165 N (33 g CO<sub>2</sub> gas bottle).
- **Outer shell ergonomic design** : short cut on chest combined with rounded shape provide superior comfort and mobility. Very easy donning. Foam padded patch on stomach, integrated to waist belt. Flexible and hardwearing material.
- **Visibility of inflated jacket** : yellow air chamber + 300 cm<sup>2</sup> retro-reflecting tapes.



Th. Martinez / Sea & Co ©

- **Backstrap**, 40 mm polypropylene : ensures perfect body fit when lifejacket is inflated.
- **Viewing window** helps monitor status of firing mechanism, on automatic Pro-Sensor and Hammar hydrostatic models.

"Full comfort safety  
Plastimo proposes a very innovative and ergonomic lifejacket, a very good value for money jacket. (...)  
a big step forward in terms of ergonomics. Its waterdrop design combined with lightweight (730 g) makes you forget you are wearing it. (...) In terms of buoyancy, the EVO jacket features 165 N, i.e. 15 N above the required standard.  
(...) The new Plastimo lifejacket definitely raises the bar."

**Voile**  
magazine

June 2015

63454

63447



Grid patch on Hammar models accelerates the water entry to trigger the firing head quicker and ensure a prompt deployment of the air chamber.



Foam padded patch on stomach, integrated to waist belt.



**165**  
Newton



JM Lloï ©

Quick side donning.

## EVO 165 no harness (EN ISO 12402-3)

	BLACK*	RED
Manual	63440	63439
Automatic	63444	63443
Automatic Pro-Sensor with viewing window	63448	63447
Hydrostatic Hammar with viewing window + grid	63452	63451

## EVO 165 with harness (EN ISO 12402-3 / 12401)

Manual	63442	63441
Automatic	63446	63445
Automatic Pro-Sensor with viewing window	63450	63449
Hydrostatic Hammar with viewing window + grid	63454	63453

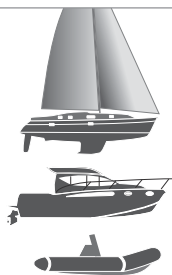
\*With crutch strap.



Y-shape dual crutch strap included originally on black EVO jackets.  
**Single crutch strap** (ref. 50524) optional on red models.



# Pilot 165 lifejacket



Cruising and intensive use.

- **Buoyancy** : Rated 150 N, actual buoyancy 165 N (33 g CO<sub>2</sub> gas bottle).
- **Ergonomic shape** : short on chest and cutaway sides, rounded neck for superior comfort. Hardwearing and flexible outer shell with reflective piping.
- **Visibility of inflated jacket** : yellow air chamber + 300 cm<sup>2</sup> retro-reflecting tapes.
- **Backstrap**, 40 mm polypropylene : ensures perfect body fit when lifejacket is inflated.



Jean-Marie Liot ©



- **Viewing window** on Pro-Sensor models helps monitor status of firing mechanism.
- **Grid patch** on Hammar models accelerates the water entry to trigger the firing head quicker and ensure a prompt deployment of the air chamber.



Short on chest  
with cutaway sides



Crutch strap supplied  
as standard feature  
with black lifejackets.



63419  
Automatic, no harness

63426  
Pro-Sensor, no harness

63433  
Hydrostatic  
with harness

Grid patch accelerates the  
water entry to trigger the firing  
head quicker

PILOT 165 no harness (EN ISO 12402-3)				
	BLACK*	NAVY BLUE	RED	
Manual	63414	63413	63412	-
Automatic	63420	63419	63418	XXL : 63436
Automatic Pro-Sensor with viewing window	63426	63425	63424	-
Hydrostatic Hammar with grid	63432	63431	63430	-
PILOT 165 with harness (EN ISO 12402-3 / 12401)				
Manuel	63417	63416	63415	-
Automatic	63423	63422	63421	-
Automatic Pro-Sensor with viewing window	63429	63428	63427	XXL : 63437
Hydrostatic Hammar with grid	63435	63434	63433	XXL : 63438

\* With crutch strap

**Option**  
• **Crutch strap : 50524**  
Supplied as standard feature  
with black lifejackets.



# Quickfit lifejacket



CE  
EN ISO  
12402-3  
12401



Without  
harness

Lightweight :  
as from 790 g.

150  
Newton

3  
year  
Warranty

## Quickfit 150 N inflatable lifejacket

- **Recommended use :** day cruising, occasional crewmembers or family cruise.
- Manual, automatic or hydrostatic (Hammar) inflation system.
- Air chamber : fully stitched to outer shell, fast and simple re-pack after use. Inflation with 33 g CO<sub>2</sub> air cylinder.
- Outer shell : slim chest design for added comfort. Twin strap on the back for layflat shoulder position (40 mm polypropylene webbing).
- Includes crutch strap as standard feature.



With  
harness

### QUICKFIT without harness (EN ISO 12402-3)

Inflation system	RED	NAVY BLUE
Manual	<b>63724</b>	<b>63725</b>
Automatic	<b>63726</b>	<b>63727</b>

### QUICKFIT with harness (EN ISO 12402-3 / 12401)

	RED	NAVY BLUE
Manual	<b>63728</b>	<b>63729</b>
Automatic	<b>63730</b>	<b>63731</b>
Hydrostatic (Hammar)	<b>63732</b>	<b>63733</b>

# Pilot Pocket lifejacket

## Pilot Pocket 150 N lifejacket

**25579**

**150 Newton category, manual inflation.**  
Lifejacket folded in a canvas carry pouch to wear around the waist. Zipped pocket on the front for small accessories (20 x 10 cm L x H).  
Fits waistline 55-140 cm.

One of the least obstrusive of all PFD's, ideal for :

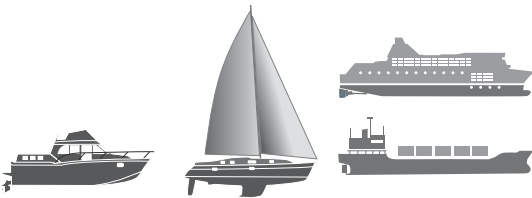
- Surfers, windsurfers, kitesurfers, SUP-riders.
- Sailors who do not like to wear a lifejacket.
- People who have an activity by the shore and do not want to wear a lifejacket permanently.
- Phobic ferry or liner passengers.





# Pilot 300 lifejacket

Equally suitable for recreational navigation and for professional or industrial applications. Certified in 275 N category, features a 300 N actual buoyancy : suitable for stout body sizes or wearers with heavy protection gear.



- **Lifejackets without a harness :**  
EN ISO 12402-2, applicable to 275 N lifejackets.
- **Lifejackets with a harness :**  
EN ISO 12402-2, applicable to 275 N lifejackets, and EN ISO 12401 applicable to safety harnesses.

CE  
EN ISO  
12402-2  
12401

300  
Newton

3  
year  
Warranty



Y-shaped 25 mm polypropylene straps hold the lifejacket flat on the back and ensure a better weight distribution on the shoulders.

PILOT 300 N	
Recommended use	Intensive use and extreme weather conditions (skipper, regular cruising or racing). Comfortable and hard-wearing lifejacket.
Inflation / firing mechanism	<ul style="list-style-type: none"><li>• CO<sub>2</sub> gas cylinder, 60 g.</li><li>• Inflation mode : manual, automatic, automatic Pro-Sensor or hydrostatic Hammar.</li><li>• Status monitoring on Pro-Sensor and Hammar models : red/green indicator shows clearly the firing mechanism status.</li></ul>
Air chamber	Totally independent air chamber, protected by the outer cover.
Visibility when inflated	Yellow chamber. 400 cm <sup>2</sup> retro-reflecting tapes, sewn on the jacket for added resistance and perfect adherence.
Outer cover	Rounded comfortable neck. Reflective piping on shoulders. Viewing window on Pro-Sensor and Hammar models, to monitor the status of the firing mechanism.
Back strap	Y-strap in the back, for improved comfort and better body fit. 25 mm wide polypropylene webbing.
Waist strap	<ul style="list-style-type: none"><li>• With an EN ISO 12401 harness : 46 mm wide adjustable polyester webbing.</li><li>• Without a harness : 40 mm wide polypropylene webbing.</li></ul> <b>Designed for 60-170 cm waistline.</b>
Buckles	<ul style="list-style-type: none"><li>• With an EN ISO 12401 harness : 316 L stainless steel buckles, non-magnetic.</li><li>• Without a harness : buckles in composite material.</li></ul>

PILOT 300 N without harness (EN ISO 12402-2)		
Inflation system	BLACK*	RED
Manuel	-	<b>62131</b>
Automatic	-	<b>62132</b>
PILOT 300 N with harness (EN ISO 12402-2 / 12401)		
Automatic	<b>62134*</b>	<b>62133</b>
Automatic Pro-Sensor with viewing window	<b>62136*</b>	<b>62135</b>
Hydrostatic Hammar with viewing window	<b>62138*</b>	<b>62137</b>

\*with crutch strap

### Option

**Crutch strap : 50524**  
(supplied as standard feature with black lifejackets).



# Inflatable lifejacket inspection & servicing procedure

An inflatable lifejacket must be serviced and thoroughly inspected at regular intervals, to make sure it is fully operational.

## Visual inspection conducted by the skipper or boatowner

Before putting off to sea, we strongly recommend that you check visually the general condition of your lifejacket.

This consists in checking the major components and making sure that none of them gives evidence of any wear and tear : outside hull, inflation chamber, straps, fastening buckles, whistle, retro-reflective tapes, CO<sub>2</sub> cylinder, firing head.

**You must pay particular attention to the following :**



- **Firing head :**

The gas bottle must be full, firmly secured/screwed and showing no sign of corrosion.

The green retaining clips must be in place on the firing head

On lifejackets equipped with a Pro-Sensor automatic firing head, a green (or red) indicator gives evidence that the firing head is operational or indicates that the gas cylinder is either pierced or not screwed tightly enough.

- **Expiry date :**

The date indicated on the firing head of automatic or hydrostatic models must be valid.



**Should you have to replace the re-arming kit, you must absolutely use a Plastimo re-arming kit.**

## Servicing conducted by an authorised station at regular intervals

This complete servicing process consists in :

- A thorough inspection of the lifejacket general condition.
- Inflating the lifejacket to check for airtightness.
- Inspecting the inflation system (inflation head, CO<sub>2</sub> gas cylinder).
- Re-arming and re-packing the jacket following a very strict folding procedure.



The servicing stations puts a specific sticker on the serviced lifejacket, indicating the recommended date for the next servicing session.






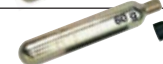
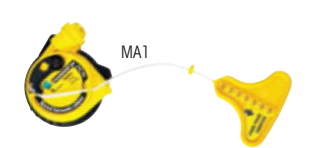
This sticker identifies the Plastimo-approved servicing stations.



# Re-arming kits for lifejackets



How to identify the right re-arming kit for your lifejacket ?

Which firing head ? (open the outer cover to identify the type of firing head)	Your lifejacket	The re-arm pack you need to order	Accessories
	<b>MANUAL FIRING LIFEJACKET</b>		
	Pilot 150-165 N, EVO 165 N, Family, Optisafe, Pilot Basic, Pilot Pocket, Quickfit 150 N.	<b>40199</b>	
	Pilot 275-300 N	<b>50374</b>	
	<b>AUTOMATIC FIRING, WITH WATER-DISSOLVING CARTRIDGE</b>		
	Pilot Junior 100 N, Quickfit Junior	<b>38429</b>	
	Pilot 150-165 N, EVO 165 N, Family, Optisafe, Quickfit 150 N	<b>40200</b>	
	SL 180 N	<b>64114</b>	
	Pilot IOR with dan buoy	<b>53486</b>	
	Pilot 275-300 N	<b>50375</b>	
	Pilot 150-165 N, EVO 165 N	<b>58460</b>	
	SL 180 N	<b>64115</b>	
	Pilot 275-300 N	<b>61654</b>	
	<b>AUTOMATIC FIRING, WITH HAMMAR HYDROSTATIC SYSTEM</b>		
	Pilot 150-165 N, Optisafe, Quickfit 150 N	<b>40201</b>	
	Pilot 275-300 N	<b>50376</b>	
	Pilot IOR with dan buoy	<b>53487</b>	
	Pilot 150-165 N, EVO 165 N, Quickfit 150 N	<b>58461</b>	
	SL 180 N	<b>64116</b>	
	Pilot 275-300 N	<b>61634</b>	

**UML 5 water dissolving cartridge : 40255**  
(replacement recommended once a year)

**Pro-Sensor water dissolving cartridge : 58505**  
(replacement recommended once a year)

**Hammar A1 hydrostatic release mechanism : 42440**  
(replacement recommended every 4-5 years)

**Hammar MA1 hydrostatic release mechanism : 61671**

## Re-arming kits include :

- Manual inflation lifejackets : a CO<sub>2</sub> gas cylinder and a locking clip.
- Automatic inflation lifejackets, with water-dissolving capsule : a CO<sub>2</sub> gas cylinder, water-dissolving capsule and a locking\* clip.
- Automatic inflation lifejackets, with Hammar hydrostatic firing system : a CO<sub>2</sub> gas cylinder, a hydrostatic release mechanism and an opener.

## Automatic firing head with water-dissolving cartridge or capsule :

We advise you to check the cartridge or capsule if your lifejacket has been stored in a damp atmosphere and, as a safety precaution, we recommend the replacement of the cartridge/cylinder at the beginning of the sailing season. In that case (as long as the gas cylinder is intact), you should order the capsule or cartridge alone.

**Automatic Hammar hydrostatic firing head :** Should be replaced every 4 to 5 years.

\* Except for re-arming kit for Pro-Sensor firing head.

**Weight of gas in the cylinder per type of jacket :**  
100 N : 24 g  
150-165 N : 33 g  
180 N : 38 g  
150 N + IOR dan buoy = 45 g  
275-300 N : 60 g

# Accessories for lifejackets



## W3 compact flashlight

Ultra-luminous lifejacket LED flashlight.  
The light is protected by a low-profile dome : generates a large light beam and reduces possible damage during rescue operations.  
The light activates automatically when in water and can be turned off manually.  
Fits all types of lifejackets.



- Type of battery : Lithium.
- Flash frequency : 55 per minute
- Light output : 0.75 candela
- Light run time : 8 hours
- Weight : 35 g (fixing clip included)
- Dimensions : H 26.9 x L 55.9 x W 37.8 mm

Ref.	Description
A <b>60833</b>	W3 flashlight with fixing clip.
B <b>62058</b>	W3 flashlight with loop for attachment to oral inflation tube of inflatable jacket
C <b>61941</b>	W3 flashlight with mounts for universal use (inflatable lifejacket, windsurf, kitesurf...).
	Supplied with : Velcro band and attachment plate ; loop for attachment to oral inflation tube of inflatable jacket ; self-adhesive Velcro.



## Crutch strap 50524

Strongly recommended : prevents the lifejacket from riding up when in the water, thus making swimming easier.  
25 mm wide polyester webbing, with plastic buckle.

## Sea Flash lifejacket light 60908



Extremely bright white flashing LED light.  
Activates automatically when the small sensor on the trailing wire makes contact with water.  
The light can be activated and switched off manually by simply pressing the button located on the main body of the unit.  
Fits all types of lifejackets. Adapts on strap ≤ 50 mm.

- Type of battery : CR2 Lithium
- Flash frequency : 50 to 54 per minute
- Light output : > 1 candela
- Light duration : 10 hours
- Weight : 32 g (including clip)
- Dimensions : 45 x 19 x 31 mm (light), 51 x 9.8 mm (clip)

### Option

Plate for attachment to the lifejacket oral inflation tube :  
**61032**



## Sprayhood 39819

Spray hood is folded in a convenient belt pouch with Velcro closure that opens easily and quickly in case of necessity.  
Fits lifejacket models Pilot 150 & 275 N, Family 150 N and Quickfit 150 N.



Tethers for inflatable lifejackets : see pages 40-41



## Pack of 100 N-Storm lifejackets

- Pack 4 : **60909**
- Pack 6 : **60910**

Pack of Storm lifejackets in PVC storage bag. Zip fastener and mesh for ventilation.





# Lifejackets & buoyancy aids

CE  
EN ISO  
12402-3

150  
Newton

## 150 N category standard features :

- Self-righting capacity, user wearing foul weather gear. Head supported above the water.
- Buoyancy provided by polyethylene foam.
- Outershell 100 % polyester, fluo orange for optimum visibility.
- Grab handle.
- 300 cm<sup>2</sup> retro-reflecting stripes for night-time recognition.
- Whistle.



Storm 150 N with light

### Storm

Features a single floatation block for chest/neck/head. Fastened with round-the-waist cord. Double adjustable crutch strap.



### Typhoon

Zip closure, hem tightening drawstring and adjustable waist belt with plastic buckle. Comfort : 3-block ergonomic collar. Double adjustable crutch strap.

Weight	Size	TYPHOON 150 N	
		Without light	With light
30-50 kg	S	<b>61087</b>	<b>61625</b>
50-70 kg	M	<b>61088</b>	<b>61626</b>
70-90 kg	L	<b>61089</b>	<b>61622</b>
+ 90 kg	XL	<b>61090</b>	<b>61627</b>

CE  
EN ISO  
12402-4

100  
Newton

## 100 N category standard features :

- Self-righting capacity, head is supported above the water.
- Buoyancy provided by polyethylene foam.
- Outershell 100 % polyester, fluo orange for optimum visibility.
- 100 cm<sup>2</sup> retro-reflecting stripes for night-time recognition.
- Whistle.

Available  
in 50 Newton\*



Storm 100 N with light

### Storm

Features a single floatation block for chest/neck/head. Fastened with round-the-waist cord.

\* 50 N models do not self-right and do not carry retro-reflecting tapes.



### Typhoon

Zip closure, hem tightening drawstring and adjustable waist belt with plastic buckle. Comfort : 3-block ergonomic collar. Adjustable quick-fit crutch strap with plastic buckle.

Weight	Size	STORM 100 N		STORM 50 N*
		CE EN ISO 12402-4	Without light	Without light
40-50 kg	S	<b>58358</b>	<b>58361</b>	<b>63739*</b>
50-70 kg	M	<b>58359</b>	<b>58362</b>	<b>63740*</b>
+ 70 kg	L - XL	<b>58360</b>	<b>58363</b>	<b>63741*</b>

Weight	Size	TYPHOON 100 N
30-50 kg	S	<b>61091</b>
50-70 kg	M	<b>61092</b>
70-90 kg	L	<b>61093</b>
+ 90 kg	XL	<b>61094</b>

Available in smaller sizes and a variety of colours, for toddlers and children from 3 to 30 kg : see "children's lifejackets" pages.



# Children's lifejackets



WEARER UP TO 30 KG =  
100 NEWTON-CATEGORY  
LIFEJACKET.

Jean-Marie Liot ©

100  
Newton



## Typhoon lifejacket

Self-righting capacity, keeps the child's head well out of the water.

- **Buoyancy** : polyethylen foam. Buoyancy is higher than the minimum required by official standards (transcends minimum requirements by 30 %).
- **Large roll-around collar** with increased buoyancy providing added comfort and improved head support.
- **Visibility** : bright colours and retro-reflecting tapes.
- **Closure** : zip + adjustable waist belt with plastic clip, hem tightening drawstring for snug fit.
- **Crotch strap**.
- **Grab handle**.
- **Whistle**.

CE  
EN ISO  
12402-4



Typhoon  
lifejacket,  
Testsieger (test winner)  
compared to 8 models  
and brands by German  
magazine YACHT :

"The test winner is the Plastimo Typhoon which revealed no weakness at all. Reasonably priced, very well equipped with a grab handle in the neck and a buckled crotch strap, it is definitely the right choice."

Child's weight	Age (as a guide only)	Orange no pattern	Yellow igloo pattern	Orange plane pattern
3 - 10 kg	Baby/toddler 1 - 2 years	<b>58614</b>	<b>58853</b>	<b>58850</b>
10 - 20 kg	Child 2 - 5 years	<b>58615</b>	<b>58854</b>	<b>58851</b>
20 - 30 kg	Child 5 - 8 years	<b>58616</b>	<b>58855</b>	<b>58852</b>

Yacht

April 2013



## Inflatable or traditional foam lifejacket for your small fry ?

Both types meet the specifications required by the EC standard ; they are self-righting and feature a large flotation pillow collar to support the child's head efficiently and keep the airway out of the water.

- **Inflatable lifejacket for children** is always an automatic inflation type ; even if the child falls into the water unconscious or cannot swim, the lifejacket inflates automatically, by mere contact with the water. However, we tend to recommend inflatable jackets only for children aged 6 or 7 and above, i.e. an age when the child can swim a little and moves around the boat with a relative freedom of movement. An inflatable lifejacket is ideal for a child who is already acquainted with life on board and reasonably aware of danger ; less cumbersome than a foam jacket, it contributes to the child's better freedom of movement and can thus have a positive effect on his/her involvement on board.
- For toddlers, and indeed for most children, we still recommend **the traditional foam flotation lifejacket** : your child is literally «bundled up» in a protection shell. While its primary function is to provide flotation, its foam volume acts as a real bumper, protecting the child from hard knocks ; also, it definitely slows down the movements of an inquisitive and adventurous brood, which some parents may find comforting !

Last but not least, do not forget to surround your decks with netting : in addition to the lifejacket which is the bare essentials, the guardrail netting is a wise and simple precaution.



The child's weight is considered by the regulation as the criteria serving as a basis for buoyancy per size. Therefore, we indicate the age as a guide only ; it is imperative that the child tries the lifejacket on before purchase.

### Baby lifejacket

100 Newton category lifejacket.  
Self-righting capacity, keeps the child's head well out of the water.

- **Buoyancy** : polyethylen foam. Buoyancy is higher than the minimum required by official standards (transcends minimum requirements by 30%).
- **Large roll-around collar** with increased buoyancy providing added comfort and improved head support.
- **Visibility** : bright orange colour and retro-reflecting tapes.
- **Comfortable to wear** : front flotation panel is split in 2 for increased comfort ; adjustable crotch piece.
- **Closure** : adjustable waist belt with plastic clip, hem tightening drawstring, neck closing strap.
- **Grab handle** and loop in the back to attach a safety line.
- **Whistle**.

Child's weight	Age (as a guide only)	BABY
3 - 8 kg	Baby/toddler 0-2 years	<b>63743</b>
8 - 15 kg	Child 1-5 years	<b>63744</b>
15 - 30 kg	Child 4-10 years	<b>63745</b>
30 - 40 kg	Child 8-12 years	<b>63746</b>



### Club Master lifejacket

100 Newton category.  
Specially designed for intensive use, e.g. sailing schools and clubs (dinghy, catamaran, canoe-kayak, Stand Up Paddle) : reinforced where wear and chafe are critical.

- Self-righting capacity.
- **Buoyancy** : one-block flexible foam on Elite model, polyethylene foam on Club Master.
- **Large wrap-around collar** and grab handle.
- **Durability** : outer shell in hardwearing coated polyester material.
- **Visibility** : vibrant red colour and retro-reflective tapes.
- **Fastening** with 2 straps and buckles, adjustable waist belt and hem tightening drawstring for snug fit.
- Back strap concealed in a tunnel, to reduce the risk of snagging.
- Crutch strap.
- Whistle.

Child's weight	Age (as a guide only)	CLUB MASTER	CLUB MASTER ELITE
30 kg maxi	Child 5-6 years	<b>63937</b>	<b>63942</b>



Inflatable lifejackets for children : see following page

# Pilot Junior lifejacket



CE  
EN ISO  
12402-3  
12401

150  
Newton



64118  
With harness.



64117  
Without  
harness.



Plastimo recommends the use of an inflatable lifejacket only if the child can swim and is old enough to understand that the jacket must be ready to use in an emergency, and must only be inflated if such a situation arises.  
Therefore, Plastimo strongly recommends the use of a traditional foam-type lifejacket for very young children.

- 150 Newton category,  
120 Newton buoyancy.**
- Pilot Junior with harness : 64118**  
**Pilot Junior without harness : 64117**
- Self-righting capacity.
  - Designed for children from 18 to 40 kg.
  - Fully automatic inflation with a 24 g CO<sub>2</sub> cylinder.
  - Red outer cover.
  - Neon yellow air chamber with retroreflective tapes.
  - Fitted with a grap loop and a crotch strap.

## Quickfit Child & Junior lifejackets

- 150 Newton category, 120 Newton buoyancy.**  
Fully automatic inflation with a 24 g CO<sub>2</sub> cylinder.  
Self-righting capacity.  
Belt system combines a double back webbing and crutch straps to ensure a perfect fit to the child's body, on deck and in the water.
- **Child size** (50-90 cm chest) : yellow outer cover. Designed to prevent the child from undoing the jacket himself : waist strap closes with a buckle on the side and D-ring for safety line is in the back.
  - **Junior size** (50-140 cm chest) : red outer cover. Model with integrated harness and stainless steel ring on the front for tether.

Child's weight	Description	QUICKFIT	Colour
18-40 kg	Child : chest size 50-90 cm	<b>61139</b>	Yellow
18-40 kg	Junior : chest size 50-140 cm	<b>61140</b>	Red

### Options & Accessories

- **Tether 1.50 m, 2 hooks**  
**55981**



- **Re-arming kit**  
**38429**  
(24 g CO<sub>2</sub> bottle + dissolving capsule + clips)



- **Water dissolving capsule**  
**40255**



Quickfit  
61139  
without harness.



D-ring on the back to prevent inquisitive fingers from undoing the safety line.



Junior Quickfit  
61140  
with harness.