



**5. Kannad Safelink R10 Beacon
McMurdo S20 Smartfind**
(Automatic when integrated in lifejacket)

A unique emergency alert of a MOB is transmitted to all AIS (Automatic Identification System) receivers within a radius of 4 miles. The GPS location of the MOB will become viewable on the AIS receiver. The beacon will activate automatically by means of full inflation of the lifejacket.



Compact 150N

Mariner 275N

Hi-Rise 275N

INFLATION SYSTEMS

AUTOMATIC INFLATION SYSTEMS

Automatic inflation systems are activated by ingress of water. Upon immersion in water, a firing mechanism will activate and pierce a CO₂ cylinder. The gas released from the cylinder will inflate the bladder of the lifejacket and create buoyancy. All automatic systems have an alternative manual override, which allows the user to pull the toggle and inflate the lifejacket if necessary.



1. HALKEY ROBERTS Alpha Auto

The Alpha® Auto Inflator activates when the cartridge comes into contact with water. The cartridge mechanism consists of a clear cap cartridge with water access apertures and a compressed high powered spring which is held by a cellulose salt bobbin. When the cellulose salt bobbin comes into contact with water the cellulose dissolves and it releases the spring which pushes a plunger forward, in turn forcing a cutter into the CO₂ cylinder. The cutter allows the CO₂ to travel through the one way valve in the inflator head and inflate the lifejacket.

The Automatic system is backed up by a manual override, which allows the user to pull the toggle and activate the cutter to pierce the gas cylinder in order to inflate the lifejacket alternatively.



2. UNITED MOULDERS LTD MK5 Auto

The UML MK5 Automatic system activates when the cartridge comes into contact with water. The cartridge mechanism contains a compressed high powered spring which is held by a cellulose paper element. When the paper element comes into contact with water it dissolves and releases the spring which pushes a cutter forward to pierce the CO₂ cylinder and release the CO₂ gas. The gas then travels through the one way valve in the inflator head and inflates the lifejacket.

The Automatic system is backed up by a manual override, which allows the user to pull the toggle and activate the cutter to pierce the gas cylinder in order to inflate the lifejacket alternatively.



UML United Moulders Ltd

3. UNITED MOULDERS LTD Pro Sensor Auto Dual Point Indicator

This system activates when the cartridge comes into contact with water. The cartridge mechanism contains a compressed high powered spring which is held by a cellulose paper element. When the paper element comes into contact with water it dissolves and releases the spring which pushes a cutter forward to pierce the CO₂ cylinder and release the CO₂ gas. The gas then travels through the one way valve in the inflator head and inflates the lifejacket. Benefits of the Dual Point indicator system: the user has immediate visual check of the operational status of the cylinder and cartridge. The Automatic system is backed up by a manual override, which allows the user to pull the toggle and activate the cutter to pierce the gas cylinder in order to inflate the lifejacket alternatively.

4. HAMMAR A1 / M1 Hydrostatic Auto

This inflation mechanism requires both water and pressure combined to activate automatically. It requires full immersion in water to a minimum 10 cm depth to activate fully. At this point the hydrostatic valve opens and lets the water meet the water sensitive element that in turn releases a stainless steel coil spring. The spring then drives a cutter into the end of the gas cylinder to pierce it and release the gas through the sealing ring aperture in the bladder and inflate the lifejacket. The Automatic system is backed up by a manual override, which allows the user to pull the toggle and activate the cutter to pierce the gas cylinder in order to inflate the lifejacket alternatively.

HAMMAR
BETTER SOLUTIONS FOR SAFETY AT SEA

5. HAMMAR MA1/ EC Hydrostatic Single Point Indicator Auto

This inflation mechanism also requires both water and pressure combined to activate automatically. It requires full immersion in water to a minimum 10 cm depth to activate fully. At this point the hydrostatic valve opens and lets the water meet the water sensitive element that in turn releases a stainless steel coil spring. The spring then drives a cutter into the end of the gas cylinder to pierce it and release the gas through the sealing ring aperture in the bladder and inflate the lifejacket. This system differs from the A1 / M1 inflator in that it has the advantage of the cylinder being glued into the back of the system to give a secure seal so that it cannot come loose or detached in use. The single point indicator on the front also gives the user an immediate visual check of the operational status of the cylinder and cartridge. The Automatic system is backed up by a manual override, which allows the user to pull the toggle and activate the cutter to pierce the gas cylinder in order to inflate the lifejacket alternatively.

HAMMAR
BETTER SOLUTIONS FOR SAFETY AT SEA

MANUAL INFLATION SYSTEMS

Manual-only inflation systems are activated by the user by pulling on a toggle or handle. By pulling on the toggle or handle a lever system is released which will activate the cutter to pierce the CO₂ cylinder and thereby release the gas into the lifejacket to achieve full inflation.

There are three different options for manual inflation systems:

1. UNITED MOULDERS LTD Mini-Manual

The UML Manual only system will not activate automatically and can only be activated by means of the pull toggle which breaks off the green clip when pulled correctly.



UML United Moulders Ltd

2. UNITED MOULDERS LTD Pro Sensor Manual Single Point Indicator

The UML Pro Sensor Manual only Single Point Indicator system will also not activate automatically and can only be activated by means of the pull toggle. There is no clip to break off on this system. The lever is simply pulled down fully and can be clicked back into place afterwards.

Benefits of the Single Point indicator system: the user has immediate visual check of the operational status of the cylinder.



UML United Moulders Ltd

3. HAMMAR M1 Manual

The Hammar Manual only system will not activate automatically and can only be activated by means of the pull handle which breaks off completely when pulled correctly

HAMMAR
BETTER SOLUTIONS FOR SAFETY AT SEA

SPARE PARTS

HALKEY ROBERTS Alpha Auto



LIN04MORA
HALKEY ROBERTS
ALPHA AUTO
INFLATION SYSTEM
+ T-TOGGLE

LIN04MORW
HALKEY ROBERTS
ALPHA AUTO
INFLATION SYSTEM
+ BALL TOGGLE

LIN04SBRA
HALKEY ROBERTS
AUTO SUPER BOBBIN

LIN04PARA
HALKEY ROBERTS
ALPHA MANUAL
FIRING CLIP

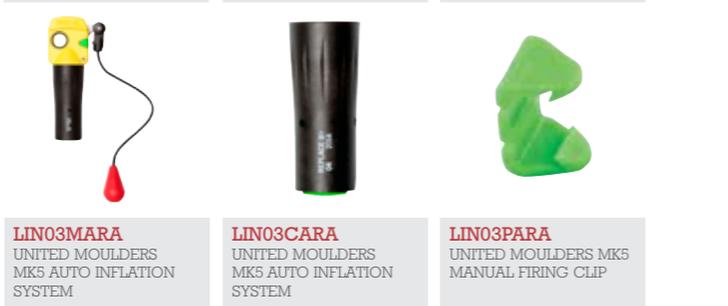


LCY033000
CO2 CYLINDER 33GR

LCYS38000
CO2 CYLINDER 38GR

LCY060000
CO2 CYLINDER 60GR

UNITED MOULDERS LTD MK5 Auto



LIN03MARA
UNITED MOULDERS
MK5 AUTO INFLATION
SYSTEM

LIN03CARA
UNITED MOULDERS
MK5 AUTO INFLATION
SYSTEM

LIN03PARA
UNITED MOULDERS MK5
MANUAL FIRING CLIP

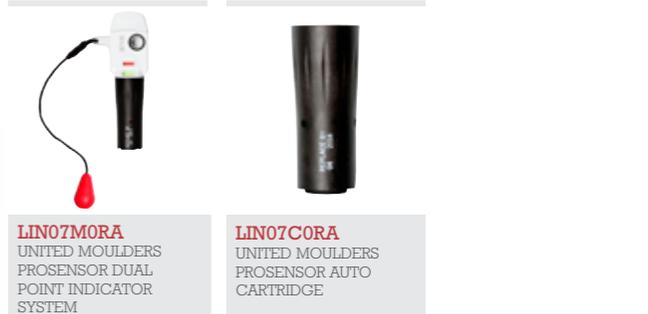


LCY033000
CO2 CYLINDER 33GR

LCYS38000
CO2 CYLINDER 38GR

LCY060000
CO2 CYLINDER 60GR

UNITED MOULDERS LTD Pro Sensor Auto Dual Point Indicator



LIN07MORA
UNITED MOULDERS
PROSENSOR DUAL
POINT INDICATOR
SYSTEM

LIN07CORA
UNITED MOULDERS
PROSENSOR AUTO
CARTRIDGE

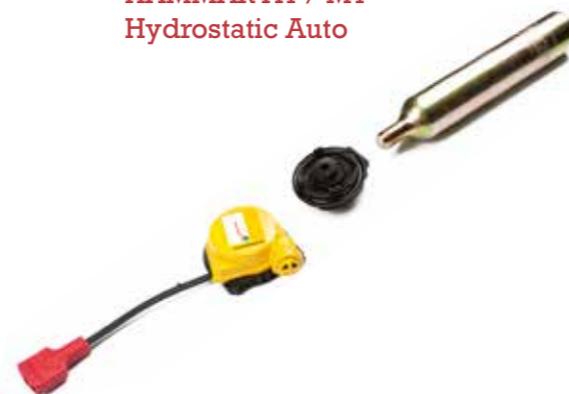


LCY033000
CO2 CYLINDER 33GR

LCYS38000
CO2 CYLINDER 38GR

LCY060000
CO2 CYLINDER 60GR

HAMMAR A1 / M1 Hydrostatic Auto



LIN01F000
HAMMAR A1/M1 AUTO
FRONT

1MZWA2YN3
NEOPRENE SLEEVE
3 SIZES: FOR 33 GM CYL.,
38 GM CYL., 60 GM CYL.

LIN01B000
HAMMAR A1/M1 AUTO
BACK

HAMMAR M1 Manual



LIN02F000
HAMMAR M1 MANUAL
FRONT

1MZWA2YN3
NEOPRENE SLEEVE
3 SIZES: FOR 33 GM CYL.,
38 GM CYL., 60 GM CYL.

LIN01B000
HAMMAR MANUAL BACK



LCY033000
CO2 CYLINDER 33GR

LCYS38000
CO2 CYLINDER 38GR

LCY060000
CO2 CYLINDER 60GR

HAMMAR MA1/ EC
Hydrostatic Single Point Indicator
Auto



LIN04F000
HAMMAR AUTO FRONT
SINGLE POINT INDICATOR



1MZWA2YN3
NEOPRENE SLEEVE
3 SIZES: FOR 33 GM CYL.,
38 GM CYL., 60 GM CYL.



LIN04B330
HAMMAR BACK
+ 33GR CYLINDER



LIN04B380
HAMMAR BACK
+ 38GR CYLINDER



LIN04B600
HAMMAR BACK
+ 60GR CYLINDER

UNITED MOULDERS LTD
Pro Sensor Manual Single Point
Indicator



LIN08MORA
UNITED MOULDERS
MANUAL INFLATION
SYSTEM



LCY033000
CO2 CYLINDER 33GR



LCYS38000
CO2 CYLINDER 38GR



LCY060000
CO2 CYLINDER 60GR

UNITED MOULDERS LTD
Mini-Manual



LIN09MORM
UNITED MOULDERS MINI
MANUAL INFLATION
SYSTEM



LIN03PMRA
UNITED MOULDERS
MANUAL FIRING CLIP



LCY033000
CO2 CYLINDER 33GR



LCYS38000
CO2 CYLINDER 38GR



LCY060000
CO2 CYLINDER 60GR

ACCESSORIES



1MZ9A2GWL
STANDARD CRUTCH STRAP
FOR ALL LIFEJACKETS APART
FROM COMPACT + FR/AST
MODELS. LENGTH 120 CM.



2MZFA2GWL
CRUTCH STRAP
FOR COMPACT
ONLY. LENGTH 140CM



2MZRA2GWC
FR/AST CRUTCH STRAP FOR
ALL FR/AST LIFEJACKET
MODELS. LENGTH 120CM



LLI00000U
SOLAS S.O.S. LIGHT



LWH030C10
WHISTLE



1MZWA2YN3033
NEOPRENE SLEEVE FOR
33 GM CYLINDER



1MZWA2YN3038
NEOPRENE SLEEVE FOR
38 GM CYLINDER



1MZWA2YN3060
NEOPRENE SLEEVE FOR
60 GM CYLINDER



SOLAS REFLECTORS
SELF-ADHESIVE
LENGTH : 12CM IRFQ50M0R
LENGTH : 22CM IRFP50M0R



1MZ1A2VP1 (CE) STD SIZE
FR WELDERS COVER