



WWW.MAROM-DOLPHIN.COM



Company Profile

Marom Dolphin Ltd. was founded in 1993 as a manufacturing company for small textile products. Over the years the company has expanded its fields of activity and established itself as one of the leading companies in the tactical textile field.

Based on our knowledge and experience, we have dedicated ourselves to developing safe, operational and ergonomic products essential for any and all security tasks. The wide range of military and security products are of the highest quality and meet the demands of all service standards.

With over 20 years of activity with hundreds of customers and thousands of successful projects around the globe, we at Marom Dolphin are proud to offer one of the leading R&D departments in the tactical textiles industry.

Our R&D's main advantage is by integrating special raw materials and items into our textile solutions. By combining different materials such as: plastic, metal, composites, ballistic elements, etc., we are able to manufacture products with high durability and comfort of use both in the operational aspect and in the ergonomic aspect.

Our manufacturing lines are capable of manufacturing thousands of items per month using top of the edge machinery and equipment such as 3D designing software and computerized automatic cutting machines.

Among our customers are military, paramilitary, law enforcement and security organization across the globe.

Marom Dolphin Ltd. maintains the highest manufacturing standards in strict adherence to ISO 9001:2008 international standards.

INFIELD Series

45L, 60L, 90L

Our INFIELD bag series was specially designed for use by infantry combatants to offer multi-purpose backpacks for short, mid or long-distance tactical marching operations. These backpacks were designed implementing our weight distributing FORMISSION system, which balances the weight of the bag between the shoulders and the waist with nominal 30% to the shoulders and 70% to the waist. For that they are highly recommended for use by infantry soldiers.

Key features:

The bags have a main storage compartment with a wide opening from the top to the bottom of the bag (suitcase style) for quick and easy access to all equipment in the bag. This main compartment can be divided into two sections with a detachable flap.

A top hat to the bag along with one front and two side pockets provide additional storage capabilities accessible also when the bag is on the back of the user. Lower side pockets allow carrying tri-pods or bottles with compression straps securing them to the bag.

Special slots for hydration tubes and communication wires are available.

Compression straps along and across the bag for compressing unused space.

MOLLE straps on the outer part of the bag for attaching additional pouches.

Sternum strap for better comfort.

Fully padded waist belt closed with a wide quick-release buckle for the support of lower back.

A rain cover for protection against water and dirt is stored in the bottom of the bag (optional).

User-friendly back system allows easy adjusting according the height of each user.



INFIELD 45L BG4515

Main compartment – 25 liter
Top hat- Two 5 liter pockets
Side pockets- 5 liters each
Drag strap- at the top of the bag.



INFIELD 60L BG4512

Main compartment – 35 liter
Top hat- Two 5 liter pockets
Side pockets- 7.5 liters each
Drag straps- in both sides and at the top of the bag.

INFIELD 90L BG4514

Main compartment – 60 liter
Top hat- Two 5 liter pockets
Side pockets- 10 liters each
Drag straps- in both sides and at the top of the bag.

Available in



Black



Coyote
Tan



Navy
Blue



OD
Green



Ranger
Green

For other colors or camouflage pattern
please contact us

Sniper Bags

Our Sniper Bags were designed to offer a modular carrying system for multiple types of sniper rifles of different calibers with a wide range of accessories.

The bags are constructed of one main compartment for storing the rifle along with the basic accessories such as the day and night scopes. The second compartment is a detachable section for additional accessories (list below) and for all of the sniper's personal equipment.

All accessory pouches are with hook and loop fasteners and are interchangeable between the main compartment and the detachable one.

Compression straps on every pocket for compressing unused space.

Sternum strap for better comfort.

Drag straps at the top and sides of the bag.

Fully padded waist belt closed with a wide quick-release buckle for better comfort.

The FORMISSION system is integrated into the bag for a more convenient use.

Accessory pouches:

Three magazine pouches

Cleaning kit pouch

A general mesh pouch

Night scope pouch

Day scope pouch

Small utility pouch

Optional - A folding foam mattress can be stored in the bag.

The sniper bag is available in two sizes:

1. BG4506 - For assault sniping rifles.
2. BG4616 - For sniping rifles up to 60" long with the bag closed or any rifle length when the bag is used open.

Assault Sniping Bag BG4506



All Purpose Sniping Bag BG4616



Available in



Black



Coyote
Tan



Navy
Blue



OD
Green



Ranger
Green

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Radio Bag

BG4066

Our radio bag was specially designed to carry a wide range of radio communication systems. The bag includes a designated internal MOLLE pouch to fit different types of radios, a top opening zipper for antennas and cords, and extra space for personal equipment.

Key features:

Main compartment - 50 liter with a MOLLE compatible radio pouch.

One 5 liter pocket on each of the sides of the bag accessible also when the bag is on the back of the user.

Compression straps on every pocket for compressing unused space.

MOLLE straps on the inner & outer part of the bag for attaching compatible pouches.

Drag straps on both sides and at the top of the bag.

The FORMISSION system is integrated into the bag for a more convenient use.

The main compartment is accessible from the front with a full zipper for loading and for maintenance.

In addition, there is a smaller top opening for the daily operations.

Optional- Two detachable equipment side panels can be attached to the bag with a durable zipper.



Available in



Black



Coyote
Tan



Navy
Blue



OD
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Pro Medic Bag

BG4632

This medic bag was specially designed for use by combat doctors. The bag includes over 20 different compartments to accommodate a full set of medical field supplies including an oxygen bottle and field operation kits.

The main compartment of the bag is designed in a way to provide full opening for quick access to all the medical equipment instantly.

The FORMISSION system is integrated into the bag for a more convenient use.

Key Features:

Main compartment - with a dedicated section for an oxygen bottle, 2 transparent pouches and 7 mesh pockets.

Top section (The hat) - divided into two compartments with special slots for wiring and hydration tube passage.

Two side compartments with five inner mesh pockets.

Detachable external compartment can be used as a separate 20 liter backpack.



Emergency Medical Kits



Small Medical Bag PO4002

Our small medical bag was designed for medics and paramedics. It offers a main compartment of 45 liters with four big detachable transparent pouches (organized inside the bag) and 2 outer compartments attached by MOLLE webbings. The bag is designed with a full opening to allow access to all the medical equipment quickly.

The bag is designed to carry all the necessary first aid equipment for a small team.

Additional MOLLE surface on the bag, outer compartments and waist belt for connecting pouches.



Personal Medical Pouch PU5111

Our modular medical pouch contains two inner detachable compartments. Each of them is arranged with a different first aid kit (according to the medical ABC protocol).

The compartments are detachable to allow a proper distribution of the medical equipment in the field. The upper side of each compartment is transparent and the openings of the pouches are marked in red to make them highly visible and reduce the reaction time of the user, while reaching for the medical equipment in case of emergency.

The pouch can be used either on our MOLLE compatible thigh rig (TR7700) or on any MOLLE compatible carrier.

Available in



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Semi Modular Tactical Vest

TV 7776

The TV 7776 tactical vest was developed as part of our new concept of a Semi-Modular configuration for military use. The vest is a side opening vest with a slim design for better operation in urban and guerilla warfare's.

1. The front panel includes two pouches for three 5.56 magazines each, three small upper pouches with D rings for securing equipment and two MOLLE panels for attaching compatible pouches.

Hook and loop fastener material for attaching the shoulder straps from the back part.
Elastic webbing for binoculars or NVG.

2. The back panel can be used as a "flat-back" when carrying large backpacks or when in a vehicle and can be used with a designated 30 liter detachable bag. The detachable bag has top openings for hydration tubes and radio cables, internal and external MOLLE webbing for attaching additional pouches and a pouch for holding the helmet.

A drag strap.

Padded shoulder straps.



With 30 liter bag



Flat Back



Additional Configuration

The semi modular concept allows keeping a unified visibility throughout the unit while providing the soldiers with the unique professions a platform to attach pouches according to their needs.



1. Grenade launcher

Standard Semi-Modular vest (TV7776) with 2 Pouches (PU5091) for 8 units of 40 mm grenades in each pouch.



2. Medic

Standard Semi-Modular vest (TV7776) with one medical pouch (PU5095).



3. Negev LMG / MAG

Fully-Modular vest (TV7782) with front pouches for linked ammo and a standard magazine pouches.

PU5145 - Negev

PU5147 - MAG



Available in



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Semi Modular Armor Carrier

BA8029

The Semi Modular Armor Carrier vest was developed as part of our new concept of a Semi-Modular configuration for military use. By implementing two of our latest patent pending developments: The "Pull Tight" technology for the side closure, and our durable weight distribution "T Belt" solution for tactical armor carriers, the vest offers an easy, comfortable and accurate alignment fitting of the armor panels, providing a safer coverage of the user.

1. The front panel includes:

Three pouches for three 5.56 magazines each, three small upper pouches with D rings for securing equipment and two MOLLE panels for attaching compatible pouches.

One double clear pocket for radio instructions, etc.

Two flaps, one on each side of the vest for securing the "Pull-Tight" system flaps.

Hook fastener material and two nylon loops for attaching the shoulder straps from the back part.

Top pocket for maps, etc.

Elastic webbing for binoculars or NVG.

2. The back panel

can be used as a "flat-back" when carrying large backpacks or when in a vehicle and can be used with a designated 30 liter detachable bag.

The detachable bag has top openings for hydration tubes and radio cables, internal and external MOLLE webbing for attaching additional pouches and a pouch for holding the helmet.

The back panel includes:

A drag strap.

Two padded shoulder straps and two side flaps for attaching the back part to the front.

The inner part of the back vest cover has two flaps for attaching the detachable adjustable "T-Belt".

Both front and back panels have an internal pocket for inserting optional soft and/or hard ballistic panels.

3. The inner "T-Belt"

is an elastic detachable waist belt designed to transfer the weight of the vest from the wearer's shoulders to his waist and to allow better fitting and higher comfort to the user.

The belt is padded and elastic, providing good support to the lower back of the wearer and made of mesh to allow air circulation. Easily height adjustable. Does not interfere with any kind of backpack waist belt and does not limit movement of the user.

4. The special "Pull-Tight"

mechanism is our special self aligning side closure, which was developed to offer perfect alignment between the front and back parts of the vest and to prevent the user from placing the vest in an incorrect location as done while wearing most body armor vests.



Additional Configuration

The semi modular concept allows keeping a unified visibility throughout the unit while providing the soldiers with the unique professions a platform to attach pouches according to their needs.



1. Grenade Launcher

Standard Semi-Modular vest (BA8029) with 2 Pouches (PU5091) for 8 units of 40 mm grenades in each pouch.



2. Medic

Standard Semi-Modular vest (BA8029) with one medical pouch (PU5095).



3. Negev LMG / MAG

Fully-Modular vest (BA8028) with front pouches for linked ammo and a standard magazine pouch.
PU5145 - Negev
PU5147 - MAG



Available in



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Body Armor Vests

BA80xx

Our most common body armor vest offers perfect fit and comfort while providing optimal coverage area to both the front and back parts of the wearer.

The vest can be used both as a concealed body armor vest (BA8001) with elastic closure webbings on both shoulders and sides for a tighter fit or as a tactical body armor vest (BA8000) with optional detachable protection add-ons:

Neck (BA8010), Arms (BA8011), Sides (BA8012) and Groin (BA8013).

Also available is our BA8002, the modular version of this vest, offering front and back MOLLE webbing surface for attaching a large variety of compatible modular pouches. Other designs and configurations are possible upon customer's request.



BA8001 Concealed



BA8000 Tactical



BA8002 MOLLE



Civilian Body Armor Vests



Windbreaker BA7912

Our windbreaker body armor vest provides protection of level IIIA to the front and back of the wearer (sleeves are not protective).



Elegant BA7914

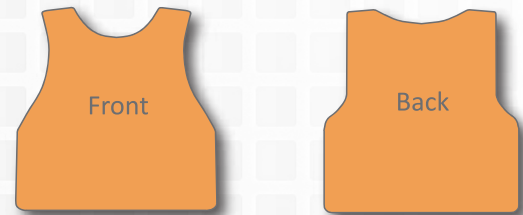
Our elegant body armor vest offers style and comfort while providing light and advanced front and back ballistic protection up to level IIIA or ballistic and stab protection.



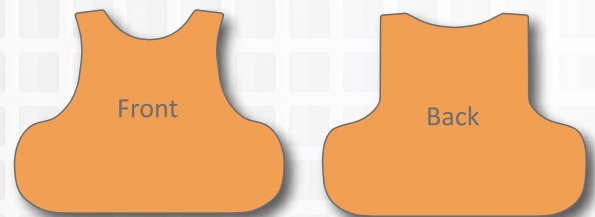
Ballistic Integration

Soft Armor Panels

Nowadays, ballistic solutions are an inseparable part of military and security tactical textile solutions. We offer several SAP solutions according to international standards such as the NIJ 2005 interim requirements, 0101.06 and 0115.00 standards from the USA as well as different standards from other countries. We have the ability to offer protection solutions which include the body armor vest and many accessories with additional protection. We use different materials, according to the advantages of each ballistic fabric, to offer solutions adapting to various protection levels and standards from different countries. The protection solutions cover fragment, bullet and stab threats suited to each customer based on the required threat and desired product weight defined by each customer. At Marom Dolphin, we consider the body armor carrier as a whole solution and by that we invest many thoughts in the designing of the vest to provide maximum coverage area to the wearer without preventing from him to operate in the many daily tasks required in his duty.



Front and back SAP



Front and back SAP with integral side protection

NIJ 2005 interim requirements					
Level	Bullet Type	Bullet Weight		Bullet Velocity	
		Grams	Grains	(±9 m/s)	(±30 ft/s)
II-A	.40 S&W FMJ	11.7 g	180 gr.	322 m/s	1055 ft/s
	9mm FMJ RN	8.0 g	124 gr.	341 m/s	1120 ft/s
II	.375 Magnum JSP	10.2 g	158 gr.	436 m/s	1430 ft/s
	9mm FMJ RN	8.0 g	124 gr.	367 m/s	1205 ft/s
III-A	.44 Magnum SJHP	15.6 g	240 gr.	436 m/s	1430 ft/s
	9 mm FMJ RN	8.2 g	124 gr.	436 m/s	1430 ft/s

NIJ 0101.06					
Level	Bullet Type	Bullet Weight		Bullet Velocity	
		Grams	Grains	(±9 m/s)	(±30 ft/s)
II-A	.40 S&W FMJ	11.7 g	180 gr.	352 m/s	1155 ft/s
	9mm FMJ RN	8.0 g	124 gr.	373 m/s	1120 ft/s
II	.375 Magnum JSP	10.2 g	158 gr.	436 m/s	1430 ft/s
	9mm FMJ RN	8.0 g	124 gr.	398 m/s	1305 ft/s
III-A	.44 Magnum SJHP	15.6 g	240 gr.	436 m/s	1430 ft/s
	.357 SIG FMJ	8.1 g	125 gr.	448 m/s	1470 ft/s

NIJ 0115.00 Stab resistant protection		
Level	"E1" Strike Energy	"E2" Strike Energy
1	24 J	36 J
2	33 J	50 J
3	43 J	65 J

Ballistic Integration

Hard Armor Plates

Higher protection levels are achieved by using hard armor plates of either level 3 or 4. The 2 basic uses of HAP are either "in conjunction" while integrated into a body armor vest together with backing of SAP level IIIA or as "stand alone" plates without any SAP backing.

We offer the plates in various shapes and weights. The standard size for front and back HAPs is 25x30 cm (10"x12").

The plates can be cut at the top corners, also known as "shooters cut".



Our standard plates demonstrate the following features:

NIJ 2005 interim requirements					
Level	Bullet Type	Bullet Weight		Bullet Velocity	
		Grams	Grains	(± 9 m/s)	(± 30 ft/s)
III	7.62mm NATO (M80) FMJ	9.6 g	147 gr.	847 m/s	2780 ft/s
IV	.30 caliber M2 AP	10.8 g	166 gr.	878 m/s	2880 ft/s

	Level 3	Level 4 AL	Level 4 SIC
Material	HD PE	Composite	Composite
Weight	1.45 kg	3.5 kg	2.65 kg



Supplementary Products and Accessories

As part of offering full carrying and operational solutions, we offer our customers the following products to complete the required package:

Ballistic Helmets

Level IIIA, Available in various designs and colors.



Trauma Plate

Our trauma plate is a non-ballistic accessory, which can be used for additional trauma reduction in the front part of the vest. This trauma plate is placed in front of the vital organs and is meant to lower the impact caused to those organs by the bullet.



Carrying Bags

For transportation and for storage of tactical gear, we offer our line of carrying bags.

Vest Bag BG6611

Vest bag for carrying, storing and protecting the vest against dirt, liquids etc.
Available in different sizes, according to vest sizes.



Fully Padded Equipment Bag BG6607

Tactical SWAT bag, made of highly durable materials and fully padded with foam for protecting sensitive equipment. Reinforced bottom part for extra durability.



Semi Padded Equipment Bag BG4605

Tactical equipment bag, made of highly durable materials. The bottom part is reinforced and padded for extra durability.



Supplementary Products and Accessories



MOLLE Compatible Thigh Rig TR7700

Can be used on both legs offering MOLLE compatible surface for additional pouches.

The thigh rig is height adjustable.

Can be used for pistol holsters, magazine pouches, grenades, medical supplies etc.



Thigh Rig For Maps TR7755

The thigh rig has two inner transparent pockets for inserting maps and an outer pocket for pens, markers, rulers etc.



OPMS One Point MOLLE Sling BL6015

Elastic sling with length adjustment buckle.

Connects at one point to any MOLLE compatible vest. M.A.S.H buckle for attaching weapon.



VMS Two Points MOLLE Sling BL6016

Elastic sling with length adjustment buckle.

Connects at two point to any MOLLE compatible vest. M.A.S.H buckle for attaching weapon.



Padded Machine Gun Sling BL6008

Durable materials and heavy duty metal buckles.



OPS Bungee One Point Sling BL6011

Elastic sling with length adjustment and quick release buckle.

Full round sling, may be used without a MOLLE carrier.

M.A.S.H buckle for attaching weapon.



M.A.S.H (Metal All-Purpose Snap Hook) Buckle

No "gate" to get snagged.

Low profile.

Oversized thumb tabs for easy operation.

Stainless Steel construction.

No spring or pins to break.

Greater range of motion.

Assault and Water Bags

EGG Assault Bag BG4400

Our newly designed assault pack is slim yet roomy with a main top zippered opening compartment of 15 liters. A secondary compartment also with a top opening zipper offers additional 5 liters of storage. In addition, there are one front pocket and two side pockets for small items. The side pockets are easily accessible also when the bag is on the back.

An inner pocket within the main compartment can be used for either a laptop up to 13" or a hydration bag with 2 top openings for the water tube. Outer MOLLE webbings provide the option of attaching compatible pouches. The padded shoulder straps are detachable and allow use of the bag with two straight straps or any one diagonal strap according to the comfort of the user.

The back of the bag is cushioned for better comfort.



Hydration Bags

As part of our carrying systems we manufacture hydration systems as a supplementary product.

Our two basic models are:

HS8001

3 liter bag with a fabric cover for protecting the water bag against abrasion. To be used in tactical vests, armor carriers or backpacks.



HS8002

3 liter bag with a fabric cover for protecting the water bag against abrasion. Includes back straps. To be used in tactical vests, armor carriers, backpacks or as a separate bag.



Weapon Concealment Carrying Bags

Our newly designed pistol concealment bags offer multiple compartments for storage of different items. In the main compartment of the bags is located a panel with elastic webbing for holding any size of pistol. The panel attaches to the bag with hook & loop fastener so it can be rotated to the convenient angle of each shooter. Tabs at both top corners allow for fast draw of the weapon. All bags have an adjustable 2" belt with a quick-release buckle.



Moon Bag BG5402

Moon bag- Detachable pistol holster panel in main compartment and two smaller front pockets for various items such as wallet, mobile phone, keys etc.



Full Moon Bag BG5400

Full Moon Bag- Detachable pistol holster panel in main compartment. Front flap with zippered pocket covers another large compartment and outer easily accessible magazine and cell phone pockets.



Star Bag BG5401

Star Bag- Detachable pistol holster panel in main compartment. Front flap with zippered pocket covers another large compartment and outer easily accessible magazine and cell phone pockets.



Ergonomic Carrying Solutions

FORMISSION (Patented)

World's most advanced system for carrying heavy load backpacks over tactical and body armor carriers.

The uniqueness of the system is a flexible hinge that allows the backpack's frame to float and expand over the ballistic vest, and by that to transfer the weight of the bag from the shoulders directly to the cushioned waist belt. The pressure on the shoulders and arms is reduced significantly and the soldier can operate his arms and hands freely.

The system enables carrying heavy weight on top of any tactical vest even with full-face hard ballistic panels or with a full water bladder.

The frame maintains proper weight distribution on the body of the soldier in a wide variety of movements (standing, running, lying down & kneeling).

Load strength: the carrier may be loaded and used with over 100 kg of equipment which will be carried at ease and comfort.

The hinged FORMISSION system can be integrated into any kind of backpack.



Ergonomic Carrying Solutions

PULL TIGHT (Patent pending)

Our specially developed self-aligning side closure is used to connect the front and back parts of body armor vests. The PULL-TIGHT was developed to offer perfect alignment between the front and back parts of the vest and to prevent the user from tightening them in an incorrect location as commonly done while wearing most body armor vests. Tightening of the side closure is by inserting the side flap into the metal loop and pulling it backwards. The side closure is secured with a flap to prevent unintentional opening while walking or any other movement of the user.



T-BELT (Patent pending)

Our inner weight distributing waist belt for body armor vests. An elastic detachable waist belt made of foam and mesh for air circulation. The main purpose of the belt is to transfer the weight of the vest from the wearer's shoulders to his hipbone and to allow better fitting and higher comfort to the user. The waist belt is elastic & cushioned providing good support to the lower back of the wearer in a way that will not affect the air circulation. The waist belt is quickly and easily adjustable giving the user an ability to make a perfect fit to height within 20 seconds. The waist belt was designed in a way which prevents any interference with other backpack waist-belts and other equipment used by the wearer.



MAROM
DOLPHIN
BEYOND LIMITS



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