



In Partnership  
with Allied Consulting  
and contracting  
<http://www.a-cc.co>



**CATALOG 2017**





**ACC**  
**Allied**  
Consulting & Contracting

**Solidere, Beirut Central District Al Maarad Avenue, Addada Bldg., 5th Floor**

**Tel: +961 1 989 101 -**

**- Mob: +961 3 210 399**

**email: [alliedconsultingcompany@yahoo.com](mailto:alliedconsultingcompany@yahoo.com) - <http://www.a-cc.co>**



# Partners



A Textron Company



communications  
WESCAM



# MOOG



# SELF - DEFENSE

**Traditional weapons**



**9mm side-arms**



**Helmets**



**Masks  
and  
Uniforms**



**Silencers**



**Body armor**



# 10" x 12" Ceramic Body Armor

## Triple or Single Curve Stand Alone NIJ IV

NIJ Threat Level IV Hard Armor Plates - Rifle Plates are designed to defeat one round of .30-06 Armor Piercing (AP) at 2850 fps and lesser threats.



Single Curve

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### Specifications:

Size - 10"x12" (25 x 30 cm)

Weight - 6.6 lbs. (3.0 kg)

Thickness - .78 inches (2 cm)

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Triple Curve

Level IV Rifle Plates will also stop multiple hits of lesser threats, such as:

NIJ level III ballistic threats

.308 FMJ

AK-47

M-16 - M855

SS-109



# COMMS / NIGHT VISION



**Tactical headsets and helmets**



**Modernized Soviet-style tank helmet with comms**



**Tactical radios**



**Night vision goggles and optics**



# TRADITIONAL SMALL ARMS

## WESTERN



5.56mm NATO



7.62mm NATO



12.7mm NATO

## EASTERN



5.54mm / 7.62mm R



7.62mm R



12.7mm R



# SMALL ARMS MUNITIONS



**9x19mm NATO**  
115 gr. FMJ  
Pistol Ammunition



**5.56 mm NATO**  
55 gr. FMJ  
62 gr. SS109  
Tracer  
Rifle Ammunition



**7.62 x 39mm R**  
123 gr. FMJ  
Tracer  
Rifle Ammunition



**7.62 x 51mm NATO**  
143 gr. FMJ  
177 gr. FMJ  
Tracer  
Rifle and Machine Gun  
Ammunition



**12.7 x 99 mm NATO**  
Ball, Armor-Piercing,  
Incendiary and Tracer  
Machine Gun  
Ammunition



**12.7 x 108 mm R**  
Ball, Armor-Piercing,  
Tracer  
Machine Gun  
Ammunition



Machine gun ammunition is  
available in linked option



# ADVANCED FIREPOWER



**12.7mm Barrett Rifle**



**7.62mm M-134 minigun**



**20x82mm NTW Rifle**



**40mm grenade launcher**



**Automatic 40mm grenade launcher**



# GRENADES and SHELLS



## High and Low Velocity 40mm Grenades



## Offensive and Defensive Hand Grenades



20 x 42 and 20 x 82mm shells / munitions



# TRADITIONAL ANTI-TANK / ANTI-PERSONNEL LAUNCHERS



**40mm RPG-7 type launcher**



**73mm recoilless type launcher**



# TRADITIONAL ANTI-TANK/ANTI-PERSONNEL MUNITIONS



## OG-7 Anti-personnel

152 m/s - Muzzle Velocity

1.1 km - Max Range

4-6 rounds/min - Fire Rate

Packaging: 18 grenades/case  
(50 kg)



## PG-7 Anti-tank (RPG)

120 m/s - Muzzle Velocity

500 m - Max Range

260 mm - Armor penetration

6 rounds/min - Fire Rate

Packaging: 6 grenades/case  
(33 kg)

## OG-9 Anti-personnel

340 m/s - Muzzle Velocity

4.5km - Max Range

6 rounds/min - Fire Rate

Packaging: 6 grenades/case  
(59 kg)



## PG-9 Anti-tank

435 m/s - Muzzle Velocity

1.3km - Max Range

300mm - Armor penetration

6 rounds/min - Fire Rate

Packaging: 6 grenades/case  
(59 kg)



# LIGHT ARTILLERY



Designed for portability and application for maximum and effective support to Quick-Reaction Forces in variety of tasks



# MORTARS and SHELLS



**120mm**



**81/82mm and Long Range**



**60mm and  
Commando 60mm**



**120mm**



**81mm**



**60mm**

**HE  
FRAG  
SMOKE  
ILLUMINATION  
WHITE PHOSPHORUS**



# ARMOR and MUNITIONS





# LIGHT ARMOR

See  
video



## CASSPIR



### Ballistic protection

7,62 x 39 mm AK

7,62 x 51 mm Ball

Top speed: 90 km/h

Ground Clearance: 3.7m

Turn radius: 21 m

Range: 800 km

Seating: Driver + 13

## CASSPIR-C



### Land Mine Protection

21 kg of TNT under any

wheel or 14 kg TNT under hull

Top speed: 120 km/h

Ground Clearance: 3.7m

Turn radius: 11 m

Range: 750 km

Seating: Driver + 5

*Armament: 30 mm Cannon Turret*

## MAMBA Mk5



*Armament: INGWE AT-Missile*



*Armament: 12.7 mm HMG*



# HEAVY ARMOR



## AMX-30 Main Battle Tank

Crew: 4, Average Speed: 60km/h,  
Engine: 840 HP diesel, Weight: 37 mT  
Gun: 105mm RFL  
Range: 450 with external tanks  
Manufactured in: 1987/refurbished 2002



## T-72 Main Battle Tank

Crew: 3, Average Speed: 40km/h,  
Engine: 840 HP diesel, Weight: 45 mT  
Gun: 125mm SMB  
Range: 500 / 900 with external tanks  
Manufactured in: 2002/refurbished 2012



# TANK MUNITIONS



125mm HE



125mm APFSDS



125mm HEAT

Coaxial ammo in 7.62 / 12.7 / 14.5 mm





# ARMORED PERSONNEL CARRIERS AND VEHICLES





## BADGER



## RECON VEHICLES





# ARTILLERY SYSTEMS



**NATO 105mm self propelled guns**



**South African mobile G-5  
and G-6 long range artillery  
systems**



**Wide array of artillery rounds  
from 105 – 155mm, NATO  
and Soviet-caliber**



**Soviet MLRS – 120mm BM-21 GRAD systems with standard  
(20km) and long-range (40km) rockets**



# FIELD ARTILLERY



**105mm HE/FRAG  
Smoke/WP/Illum**



**122mm HE/FRAG  
Smoke/WP/Illum**



**155mm HE/FRAG  
Smoke/WP/Illum**



**122mm GRAD**



# AIR DEFENSE SYSTEMS



**SA-12 Strela MANPADS system**



**Vulcan 20mm AAA systems with EOIR and RADAR guidance**



**Towed 14.7 and 23mm AAA systems ZPU-2/4 and ZU-23**





# HELICOPTERS and AIRCRAFT



Wide array of international platforms

Armed Cessna Caravan



MI-8 / 16



Bell 407GX



Bell Huey II



MI-24/32





# WEAPONIZATION UPGRADES

Crew compartment armor-plating



MTS Targeting System



Dillon M134-D 7.62mm Mini Gun



M260 or M261 Rocket Pod



Variety of 70 mm Hydra-type unguided rockets

MTS Targeting System



Dillon M134-D 7.62mm Mini Gun



M260 or M261 Rocket Pod



Variety of 70 mm Hydra-type unguided rockets

GUN MODULE



MISSILE MODULE



Laser or Optical-Guided Anti-armor Missile



Denel Neo-Strike 20x42mm Automatic cannon



GD GAU-19/a 12.7mm Gun

Installed module





# OWNING THE NIGHT

## MX-SERIES FLIR and TARGET PODS



Aircraft-specific and configured MX-family of FLIR imaging and targeting devices for stand-off engagement





# ARMAMENT SYSTEMS



**12.7 and 20mm gun systems, with electronic targeting**



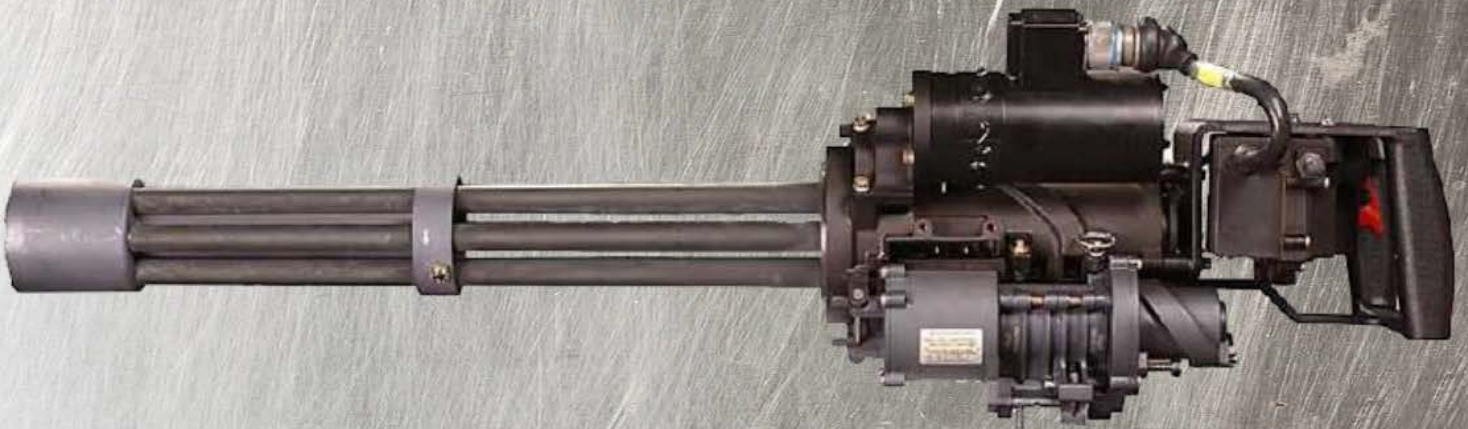
**70mm unguided Hydra rockets**



**Medium and Long-Range Anti-Tank Guided Missiles INGWE and Mokopa**



# Modular Machine-Guns



7.62mm NATO Mini-gun



20 x 42mm or 12.7 x 99mm NeoStrike Machine Gun / Cannon and the effect of APHEIS shell on a 55 gallon steel drum





# Bell 407 Helicopters



**Bell Helicopter**  
A Textron Company

## Specification Summary (Metric Units)

Weights	Bell 407 (kg)	Bell 407GX (kg)
Empty Weight (Base Aircraft) <sup>[1]</sup>	1,214	1,244
Internal Gross Weight (Normal / Optional) <sup>[2]</sup>	2,268 / 2,381	2,268 / 2,381
External Load Gross Weight	2,722	2,722
Useful Load (Base Aircraft, Normal / Optional) <sup>[2]</sup>	1,054 / 1,168	1,024 / 1,138
Maximum External Load (Cargo Hook Limit)	1,200	1,200

Additional armament systems can be added to the airframe:



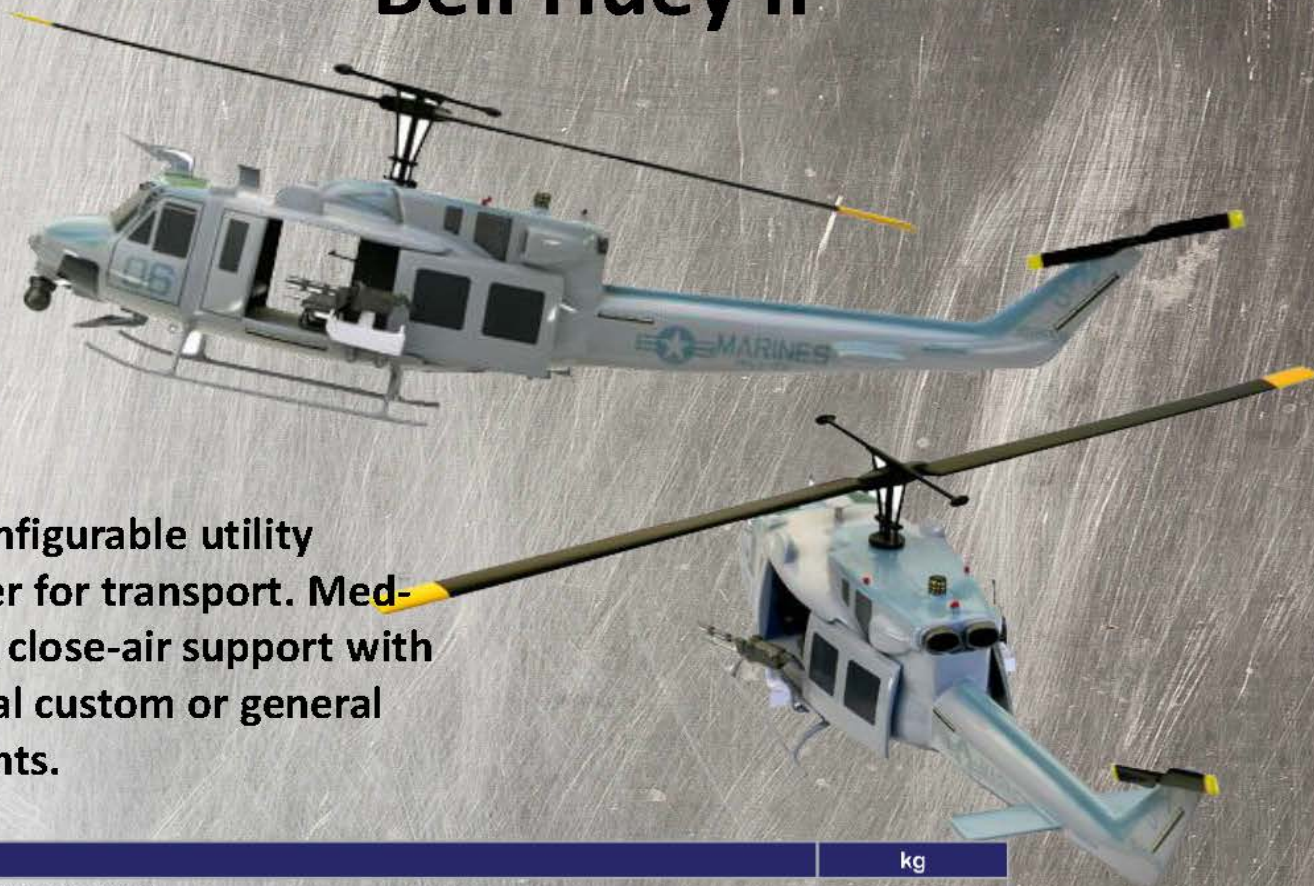
Performance Summary (International Standard Day except as noted)						
Takeoff gross weight		kg	1,814	2,041	2,268	2,381
IGE Hovering Ceiling	ISA	m	5,843	4,749	3,725	1,652*
	ISA + 20 °C	m	4,752	3,566	2,423	957*
	ISA + 30 °C	m	4,036	2,710	1,390	631*
OGE Hovering Ceiling	ISA	m	5,352	4,228	3,152	1,652*
	ISA + 20 °C	m	4,194	2,950	1,753	957*
	ISA + 30 °C	m	3,386	1,978	552	(2,333 kg @ SL)*
Service Ceiling (MCP)	ISA	m	6,095+	6,095+	5,611	5,157
	ISA + 20 °C	m	6,095+	5,599	4,563	4,048
	ISA + 30 °C	m	6,095+	4,953	3,780	3,252
Maximum Cruise Speed (True Airspeed)	SL, ISA	km/h	251	249	246	244
	SL, ISA + 20 °C	km/h	242	239	234	231
	1,200 m, ISA	km/h	260	256	250	246
	1,200 m, ISA + 20 °C	km/h	246	241	233	228
Cruise at Long Range Cruise Speed (LRC)						
Range (Standard Fuel, No Reserve)	SL, ISA	km	633	623	611	604
LRC Speed (Average True Airspeed)		km/h	222	223	224	225
Range (Standard Fuel, No Reserve)	1,200 m, ISA	km	710	694	675	661
LRC Speed (Average True Airspeed)		km/h	219	222	222	222
Endurance at Loiter (111 km/h)	SL, ISA	hr	4.0	3.9	3.8	3.7
	1,200 m, ISA	hr	4.5	4.3	4.2	4.1

Engine Rating		
Rolls-Royce 250-C47B with Full Authority Digital Electronic Control		
Takeoff Horsepower (Uninstalled Thermodynamic Capability)	kW	606
(Mechanical Limit)	kW	503
Maximum Continuous (Uninstalled Thermodynamic Capability)	kW	523
(Mechanical Limit)	kW	470
Transmission Rating (Engine Output)		
Takeoff Horsepower (5 minutes)	kW	503
Maximum Continuous	kW	470
Fuel Capacity (Usable)		
Standard		484 Liters
Auxiliary (Optional)		72 Liters

1 year warranty  
5 year extended service and parts contract.



# Bell Huey II



**Easily configurable utility helicopter for transport. Med-Evac and close-air support with additional custom or general armaments.**

Weights	kg
Empty Weight (VFR Std Config.) <sup>[1]</sup>	2,552
Max Gross Weight (Internal)	4,763
Max Gross Weight (External)	5,080
Useful Load (Internal, VFR Std Config.)	2,210
Cargo Hook Capacity	2,268

Performance Summary						
Takeoff, Gross Weight		kg	3,856	4,309	4,763	5,080
IGE Hovering Ceiling (TOP capability)	ISA	m	5,692	4,741	3,839	3,240
	ISA + 20 °C	m	5,047	3,956	2,859	2,073
OGE Hovering Ceiling (TOP capability)	ISA	m	4,433	3,414	1,626	(4,990 kg @ SL)
	ISA + 20 °C	m	3,604	2,355	934	(4,899 kg @ SL)
T/O and Ldg Limit, WAT	ISA	m	4,139	3,075	2,093	-na-
	ISA + 20 °C	m	3,448	2,383	1,401	-na-
Service Ceiling (continuous power)	ISA	m	6,096+	5,809	4,941	-na-
Maximum Cruise Speed (true airspeed)	SL, ISA	km/h	219	207	196	-na-
Long Range Cruise Speed (average true airspeed)	SL, ISA	km/h	219	207	196	-na-
Range (no reserve)	SL, ISA	km	504	487	465	-na-
Endurance, at Loiter Speed (115 km/h) (no reserve)	SL, ISA	hr	2.9	2.7	2.6	-na-

Power Ratings: Honeywell T53-L-703			
		Uninstalled Thermodynamic Power	Mechanical Limit
Takeoff Horsepower	kW	1,342	1,118
Max Continuous Power	kW	1,118	1,007

Transmission Ratings		
Takeoff (5-minute)	kW	962
Max Continuous Power	kW	846

Fuel	
Type	Aviation Turbine
Capacity (Usable)	799 liters



# MILITARY FLIGHT GEAR



**HELMETS**

**QUALITY NOMEX  
FLIGHT SUITS**



**ACCESSORIES**

**HELMET BAGS  
TAC VESTS**







**FROM THE  
BEGINNING  
WE WERE  
THERE**



**TODAY WE  
ARE STILL  
HERE**



**HELMET SYSTEMS  
FOR HELICOPTERS**



**VESTS**



**FLIGHT BAGS**



# NAVAL COMPONENT





# MINESWEEPER



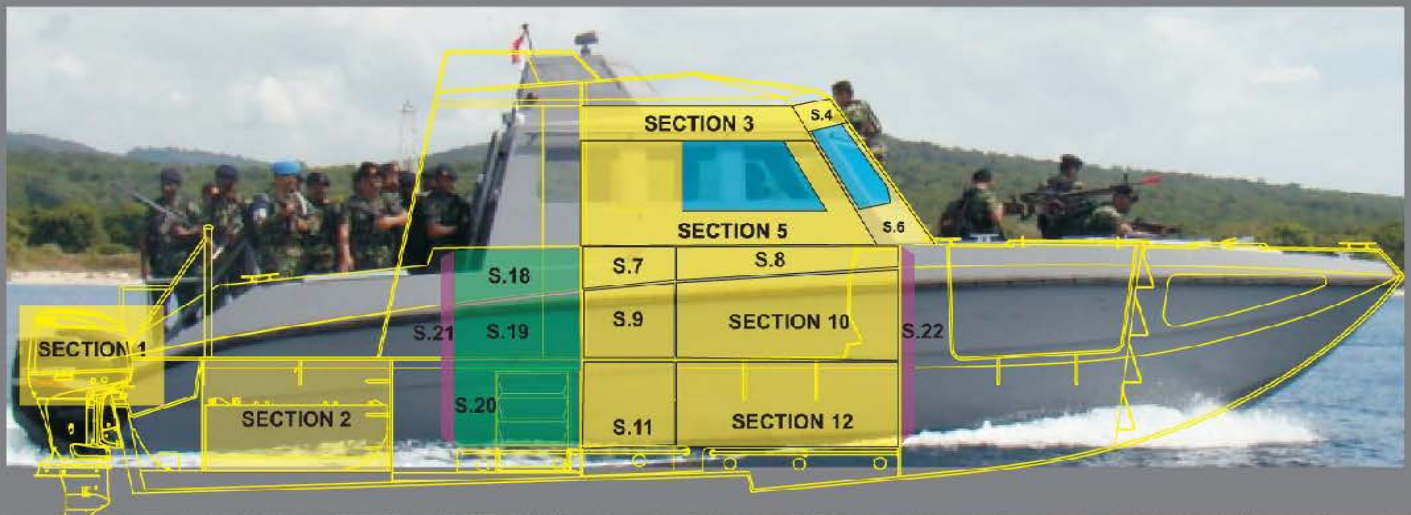
<b>Vessel condition:</b>	<b>As new</b>	<b>Hull material:</b>	<b>Fiber-glass</b>
<b>Vessel type:</b>	<b>Minesweeper</b>	<b>Hull colour:</b>	<b>Grey</b>
<b>Builder:</b>	<b>Danyard Alborg</b>	<b>Displacement:</b>	<b>129 mT</b>
<b>Year constructed:</b>	<b>2000</b>	<b>Fuel capacity:</b>	<b>27000 L</b>
<b>Year refitted:</b>	<b>2013</b>	<b>Engine(s)</b>	
<b>Engine model:</b>	<b>Scania DSI14</b>	<b>Brand-type</b>	<b>2 x Scania DSI14</b>
<b>Engine power:</b>	<b>503</b>	<b>Built in</b>	<b>2001</b>
<b>Engine hours:</b>	<b>832</b>	<b>Running hours</b>	<b>832 and 834 hours</b>
<b>Fuel type:</b>	<b>Diesel</b>		
<b>Cruising Speed:</b>	<b>10 MPH</b>		
<b>Nominal length:</b>	<b>24.10m</b>		
<b>Length over all:</b>	<b>26.30m</b>		



# ARMORED PATROL BOAT



— AK - 47 PROTECTION —



Fully-armored, fast-moving (40-45 kts), patrol boat capable of taking up to 14 troops and full complement of armament including 8 guided missiles and/or two 20mm guns



Guided missiles anti-ship/anti-armor



20x82mm naval guns



# CIVIL EMERGENCY





# CIVIL MILITARY OPTIONS







## ASSORTED NON-LETHAL OPERATIVE COMPONENTS

FROM RIOT CONTROL TO COLLECTIVE CIVIL DISOBEIDENCE

LOW INTENSITY CONFLICT

SPECIAL OPERATIONS

HOSTAGE RESCUE AND CLOSE QUARTER OPERATIONS

**SPECIAL!**





# MEALS READY TO EAT



*Vacuum packaging*

**100% Halal, Meals-Ready-to-Eat, Configurable menus, containing full meals, sides, beverages, condiments and accessories.**



*Cardboard packaging*

**Pre-prepared meal pouches with optional heaters**

- Custom-tailored menus
- Custom-packaging / printing
- Full daily caloric intake

 **BIODEGRADABLE**



# GROUND RESPONSE VEHICLES AND TACTICAL RESPONSE



## NEW OR USED FIRST RESPONSE EQUIPMENT



## PERIMETER AND DOMESTIC BORDER SECURITY



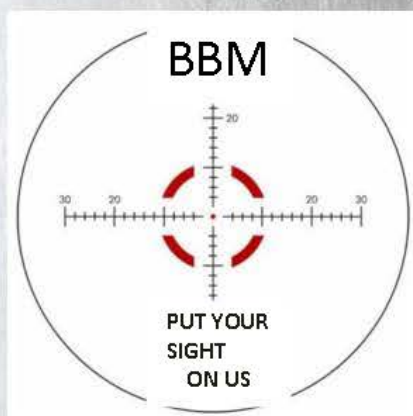


# SPECIAL TACTICAL ENTRY WEAPONS



**TACTICAL ASSAULT**

**SNIPER**



**CUSTOM/POLICE**



# RAPID

# DEPLOYMENT

Remove Watermark Now

## Humanitarian/camps



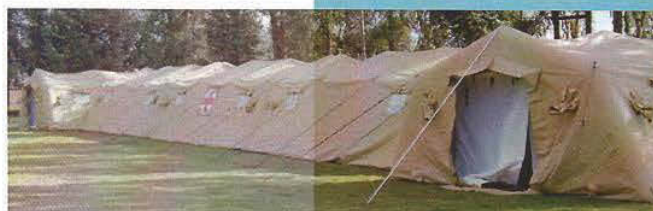
### ACC offers a wide range of solutions for human protection.

Today, rapid deployment is essential. Natural or manmade disasters impact millions of us.

These accidents can happen in isolated areas in which no infrastructures are immediately available for the victims. Many lives can be saved immediately by deploying suitable structures.

Leader in the field of permanent and semi-permanent structures, Losberger RDS can provide decent living conditions for populations victims of disasters in record time, providing turnkey solutions which include all essential equipment :

- Sanitary facilities.
- Water treatment.
- Water reservoirs.
- Air conditioning.
- Electricity supply.
- Kitchen, cold storage.
- Laundry.
- Dispensaries.
- Camp management.
- Permanent maintenance in working condition.



Our modular solutions are stand-alone and provide the space required to protect populations in emergency situations.



## Prostock aluminium structure with double sloped roof



**The prostock aluminium structures with double sloped roofs are designed for fast deployment and semi-permanent use during missions around the world.**

Prostock structures can fulfill multiple functions : accommodation tents, catering (MESS) tents, recreation centres, storage facilities or hospitals. Prostock tents are made of an extruded aluminum frame and a cover made of flame retardant PVC coated polyester. The walls are made of either fabric or sandwich panels. The sandwich panels are available in different thicknesses depending on the desired isolation and acoustic performance.

The structures are equipped with base plates and mounting parts made of galvanized steel.

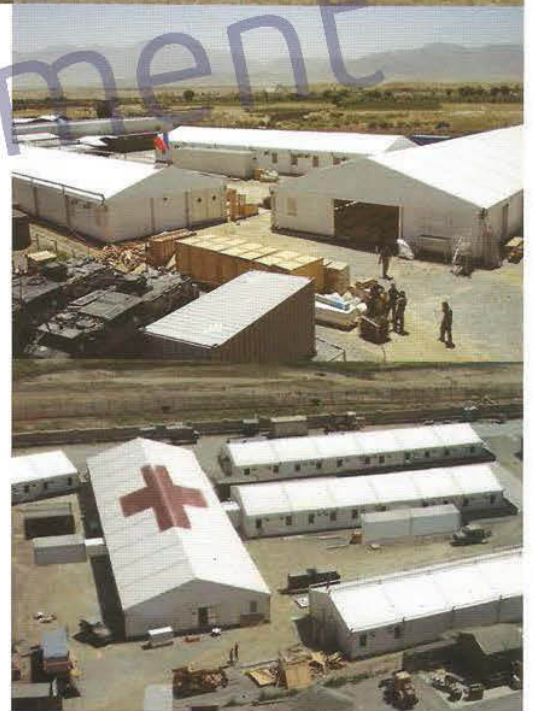
Prostock structures provide operating conditions identical to permanent buildings, with outstanding thermal and sound proofing properties and low-cost maintenance, next to a variable design and a quick and easy installation. Worldwide service and assistance are provided by our specialised technicians.

### Available options :

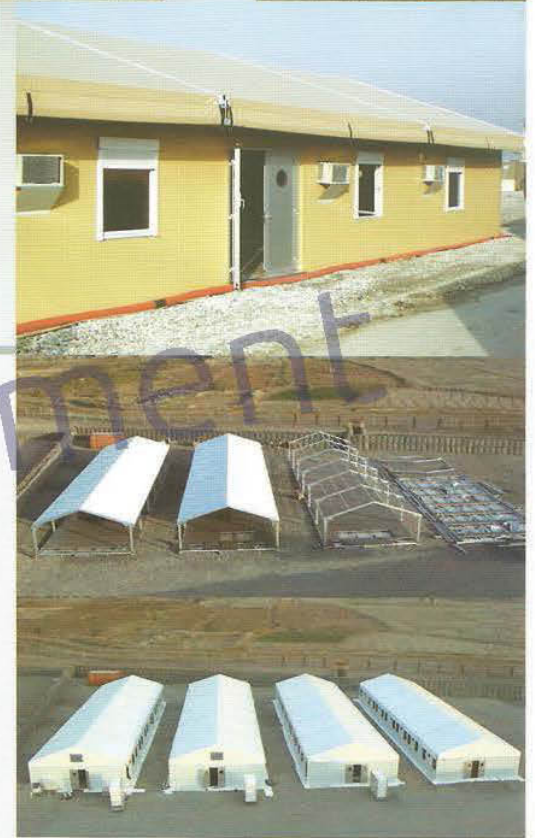
- White translucent or opaque covers.
- Internal separation walls of sandwich panels.
- Rigid access doors, single or double.
- Insulated windows.
- Lighting.
- Electrical distribution boards.
- Heating.
- Air conditioning.
- Ventilation.
- False ceiling, awning, interior insulation.
- Floor based on cassette system, optional load capacity of 500 daN/m<sup>2</sup> possible.

### Load resistance :

- Wind : 166 km/h.
- Snow : 80 daN/m<sup>2</sup>.







Span width (m)	10	15	20
Wall height (m)	4 / 5	5 / 6	5 / 6
Width per module (m)	5	5	5
Height (m)	6.70	8.60	9.38
Number of people	5	5	5
Assembly time for a length of 50 m (hours)	280	360	480
Packing for a length of 50 m	1 x 20'	1 x 40'	2 x 40'
Weight for length of 50 m (kg)	4,4	6,6	8,8

NOTE : We reserve the right to make changes and alterations that optimise our products or to ensure they correspond to the latest technology and specifications.





	Length (m)	Width (m)	Height (m)	Surface (m <sup>2</sup> )	Weight (kg)
<b>CUBIC 27</b>	5.17	5.17	2.70	27	200

NOTE : We reserve the right to make changes and alterations that optimise our products or to ensure they correspond to the latest technology and specifications.





# CUBIC 27

Remove Watermark Now



**This shelter consists of in a rapidly deployable 27 m<sup>2</sup> module.**

The CUBIC tents are easily connectible between each other as well as and with all our types of tents and shelters.

The structure offers an innovative "water cooling" type of air conditioning system through the vaporization of recycled water between the net and the textile roof of the shelter.

These modules are highly resistant to weather conditions, namely to high wind, and do not require the installation of guy ropes.

Worldwide support and assistance are provided by our specialized technicians.

## Available equipment :

- Standard air conditioning.
- Water cooling system.
- Heating.
- Camouflage.

## Fabric color :

- Translucent white textile roof.
- Sand color textile walls.
- Other colors on request.

## Climatic resistance :

- 150 km/hour wind.
- 80 dNa/m<sup>2</sup> snow.





# Metallic Frame Shelter TAM NG



The TAM NG shelters are rapid deployment modular tent systems, based on an externally positioned foldable aluminum frame with the fabric cover suspended on it. The TAMs new generation (NG) are set up very fast and can remain for long duration.

The assembly time and ease are perfect for all types of base camps, hospitals etc. Resistant and robust, the TAM tent can be efficiently used on every type of ground.

The TAM shelters can be connected each other in every direction (the connection is made with gable and side doors). The aluminum frame is foldaway thanks to articulations which open out.

The tent is made up of high quality PVC coated fabrics which are fireproof and UV rays resistant. The main cover, the ground cloth and the gables are fitted in one piece by using high frequency sealing. The support is provided by our specialists all over the world.

## Available optional equipment :

- Inner vellum
- Partitioning walls
- Shadowing net
- Canvas cover for floor protection
- Lighting
- Electrical control box
- Generator
- Heater/AC
- Rigid floor
- Entry module
- Side doors
- Connection corridor between tents
- Logo and marking on request
- Rigid box for transport.

The structures may be incorporated within CBRN and/or decontamination systems.

## Fabric colors :

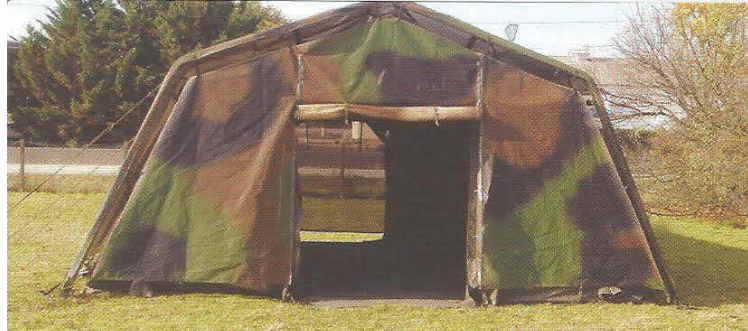
- Green NATO, sand and camouflage for military areas.
- White and orange for civilian applications.

## Climatic strength :

- Wind : 62 mph or 100 kmph (until 84 mph or 135 kmph with gusts)
- Snow : 49 daN/m<sup>2</sup> (50 kg/m<sup>2</sup>).







		TAM NG 18	TAM NG 36	TAM NG 56
Surface area		18 m <sup>2</sup> / 194 sq.ft	36 m <sup>2</sup> / 388 sq.ft	54 m <sup>2</sup> / 581 sq.ft
External size	Lenght	3 m / 10 ft	6 m / 20 ft	9 m / 30 ft
	Width	6 m / 20 ft	6 m / 20 ft	6 m / 20 ft
	Hight	2,50 m / 8,20 ft	2,50 m / 8,20 ft	2,50 m / 8,20 ft
	Max. hight	3,30 m / 10,83 ft	3,30 m / 10,83 ft	3,30 m / 10,83 ft
Arcs (pc.)		2	3	4
Size / Weight => L x B x H / W	Frame	2,40 x 0,60 x 0,30 m / 59 kg 7,87 x 1,97 x 0,99 ft / 130 lbs	2,40 x 0,65 x 0,45 m / 97 kg 7,87 x 2,13 x 1,48 ft / 214 lbs	2,40 x 0,70 x 0,60 m / 135 kg 7,87 x 2,30 x 1,97 ft / 298 lbs
	Fabric cover	2,35 x 0,5 x 0,3 m / 54 kg 7,71 x 1,64 x 0,98 ft / 119 lbs	2,35 x 0,5 x 0,5 m / 84 kg 7,71 x 1,64 x 1,64 ft / 185 lbs	2,35 x 0,5 x 0,7 m / 139 kg 7,71 x 1,64 x 2,30 ft / 251 lbs
	Accessories	0,4 x 0,4 x 0,6 m / 18 kg 1,31 x 1,31 x 1,97 ft / 40 lbs	0,4 x 0,4 x 0,6 m / 22 kg 1,31 x 1,31 x 1,97 ft / 49 lbs	0,4 x 0,4 x 0,6 m / 24 kg 1,31 x 1,31 x 1,97 ft / 53 lbs
Assembly time		3 min	4 min	5 min
Persons		2 pers	3 pers	4 pers

NOTE : We reserve the right to make changes and alterations which optimise our products or to ensure they correspond to the latest technology and specifications.



**NATIONAL**  
AIR CARGO



***BOTTOM LINE UP FRONT! (BLUF)  
WE GO PLACES OTHER CARRIERS DO NOT, AND WE MOVE IT BETTER  
AND FASTER!***



**REMOTE SITES  
AND  
AUSTERE LOCATIONS**

**WE SPECIALIZE IN NICHE  
AND HARD TO MOVE  
REQUIREMENTS  
SMALL TO EXTREMELY LARGE  
SEA OR AIR**



***MOVING YOUR SPECIAL COMMODITY  
IS WHAT WE DO BETTER THAN ANYONE ELSE.  
SINCE OUR FOUNDING DAYS, IT IS CUSTOMER  
SATISFACTION THAT DRAWS OUR  
CONTINUED SUCCESS!***

***GO N TION L OR JUST DON'T GO T LL!***

