

beaufort

INFLATABLE WALLS TRAINING SYSTEM

Modular, rapidly deployable training system



TRAINING IS SAFETY

Law enforcement and military personnel around the world face the most uncertain circumstances on a daily basis.

They are required to frequently enter into unfamiliar built environments to assess or diffuse a threat. When they enter, their lives are often at stake. This is further compounded by the unpredictable and ever evolving threat that is presented today. It is their job to prepare. To understand every possible aspect ahead of time, every entrance,

exit, doorway, window, corridor and corner and navigational layout of a structure. In order to do this they require a training system that allows them create immersive operative environments to help improve performance and enhance survivability by increasing familiarisation and boosting confidence.





A TRAINING SYSTEM OPTIMISED FOR TODAY'S TACTICAL OPERATOR

The Inflatable Walls Training System is a next generation training experience for military and law enforcement where users can recreate virtually any tactical or active shooter scenario in any terrain or location.

IWTS is comprised of a series of lightweight and portable inflatable walls, available in 6 modular shapes that fix together to replicate any physical structure. The walls are composed of a two-piece construction of a tough vinyl outer skin that can be customised per user requirements and a durable inner bladder. Each wall is inflated with tailored inflation and deflation control to provide an extremely robust structure at a working pressure of just 0.5 psi. Once inflated, the robust IWTS can withstand the force of all training ordnance and is tested and approved for use with General Dynamics Simunition™, non-lethal training ammunition. This ensures operators can use their own weapons encouraging familiarity and enhancing realism.

Unlike other remote training solutions, IWTS is rapidly deployable and flat packable, has a small operational footprint removing the need for multiple tools, is easy to store and transport and can be reconfigured in minutes allowing operational tactics to be refined, challenging even the most seasoned operators with constantly evolving objectives.

A NEW STANDARD IN DEPLOYMENT PERFORMANCE



APPROX
2
MINUTES
PER WALL



APPROX
20
MINUTES TO BUILD
A SIMPLE 2 ROOM
STRUCTURE

APPROX
35
MINUTES FOR AN
800SQ.FT SHOOT
HOUSE



2
HOURS FOR A
SMALL OFFICE
BUILDING

3
HOURS FOR
A SMALL
VILLAGE



RAPID DEPLOYMENT... ANYWHERE

Due to its shape and structure IWTS can be deployed anywhere and on any landscape including uneven ground.

The system features enhanced integrated stability through the use of an internal weight system with wider load spread. This includes environments such as desert sand, marshy forests, snowy terrains or large vessels. IWTS can also be deployed in the rain as it is 100% waterproof or in direct sunlight as the material is fully UV resistant.



DESIGNED TO WITHSTAND THE MOST EXTREME FORCE

CAN WITHSTAND ALL TRAINING ORDNANCE

Resistant to a number of training weapons including smoke grenades and hot gun barrels

TEAR AND ABRASION RESISTANT

Robust exterior skin with internal air holding bladder – the core of the product, built to survive extreme wear and tear

100% WATERPROOF/UV RESISTANT

Designed to survive punishing environmental elements including rain, snow and high temperatures

INFLATES TO A SOLID 0.5 PSI STRUCTURE

Replicates the feel of a real wall. Participants can interact/impact with structure without damaging it or themselves

IMPROVED MATERIAL SPECIFICATION

Stronger, more robust materials with enhanced impact performance and product longevity

INCREASED SERVICE LIFE

Quality assured construction methods enable extended 5 year warranty and low cost support packages

FULLY MODULAR AND RAPIDLY CONFIGURABLE

Each wall component is designed to be compatible with one another regardless of shape.

Strict production tolerances enable walls to combine easily into any configuration. This modular nature enables users to create any structure using our 6 most commonly used shapes. Each wall is attached via our heavy duty carabineers. The carabineers can also be used to attach banners with operational instructions or conduct.



Full Wall
2300 X 3000MM



Door Wall
2300 X 3000MM



Window Wall
2300 X 3000MM



Low Wall
1150 X 3000MM



Half Wall
2300 X 1500MM

**OPTIONAL
EXTRA:**



Breach Wall
2300 X 3000MM

“ Create virtually any
physical structure.
Meet any operational
requirement, fit
any budget ”



Attached via carabiners to multiple
connection positions

INFLATABLE WALLS TRAINING SYSTEM ARCHITECTURE



Chloroprene
rubber air bladder

50mm hook and
loop skin closure

All walls have 3 air fill valves for
easy inflation and topping up
even when in position

Windows and doorway walls have
a hook and loop strip to allow the
application of "rapid screens" that
quickly converts any window or
doorway wall into a full wall

Door Insert

Vinyl Skin

Multiple steel carabineer
clip positions (both sides)

Moulded PVC
door handle

Webbing carry
handles

Tailored pressure release
valve (side of wall)

Moulded PVC
hinges

Individual serial
number (side of wall)

Door insert
fill valve

Non return leaflet D7
air fill valve
(side of wall)

7kg steel anchor
weights, fit in hook
and loop pouch on
skin at bottom



Improved transportation through stronger
and larger bags that enable rapid recall

APPROVALS:

Walls

- AS9100C
- ISO9001:2015

Pressure Release Valves

- ISO 9650
- ISO 15738

IWTS PACKAGES

Instant training environment for tactical skills training.

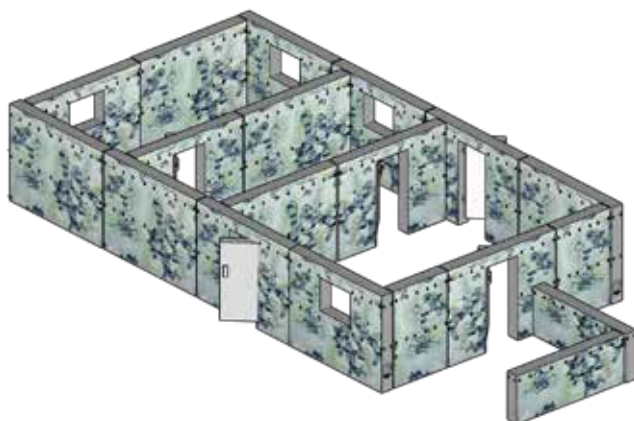
The IWTS packages provide a unique training environment to test tactical skills through versatile scenarios. Designed for easy and quick movements to help with flow, communication, and the ability to train operators to the highest standard, IWTS can be installed anywhere, anytime.

As the package levels increase, it enables larger training capabilities. Unlike competitor systems, Beaufort offers expansion packs to easily upgrade your existing IWTS suite without the cost of a new package.

LEVEL 1

The Level 1 package provides a solid foundation for basic tactical training in different building configurations such as entry clearance, hallways and center/corner fed rooms.

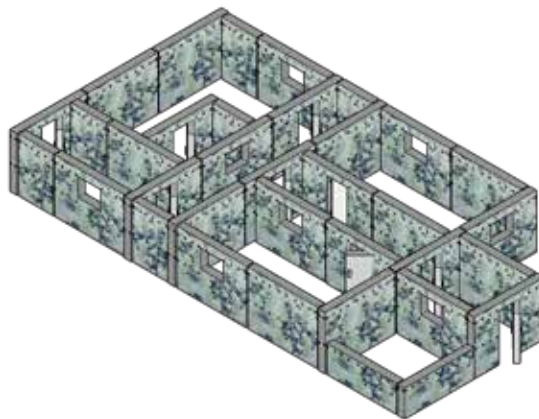
Wall / Pack	
Full Wall	6
Window Wall	4
Door	5
Half Wall	2
Low Wall	2
Total Weight	1050 kg
Storage Space	6.1m ³
Pallet Space	5
Part Number	5363400X
Total Build Space	81.6m ²



LEVEL 2

Level 2 creates a larger foundation while incorporating training capability between rooms, hallways, passageways or open areas.

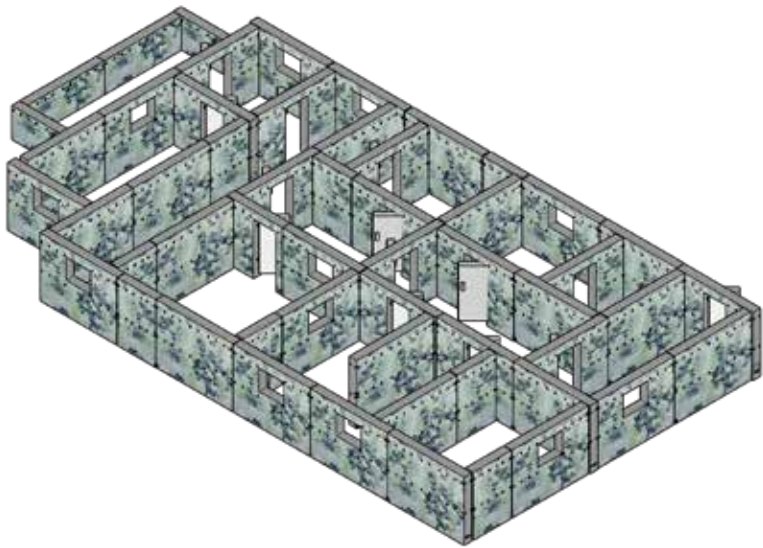
Wall / Pack	
Full Wall	10
Window Wall	8
Door	9
Half Wall	6
Low Wall	2
Total Weight	1900 kg
Storage Space	10.9m ³ (244.4ft ³)
Pallet Space	9
Part Number	5363500X
Total Build Space	132.6m ²



LEVEL 3

Level 3 enables target training scenarios in connected rooms, hallways, open areas and various entry points. Multiple building structures can also be created.

Wall / Pack	
Full Wall	16
Window Wall	12
Door	14
Half Wall	8
Low Wall	4
Total Weight	2950 kg
Storage Space	16.9m ³ (303.7ft ³)
Pallet Space	14
Part Number	5363600X
Total Build Space	275.6m ²

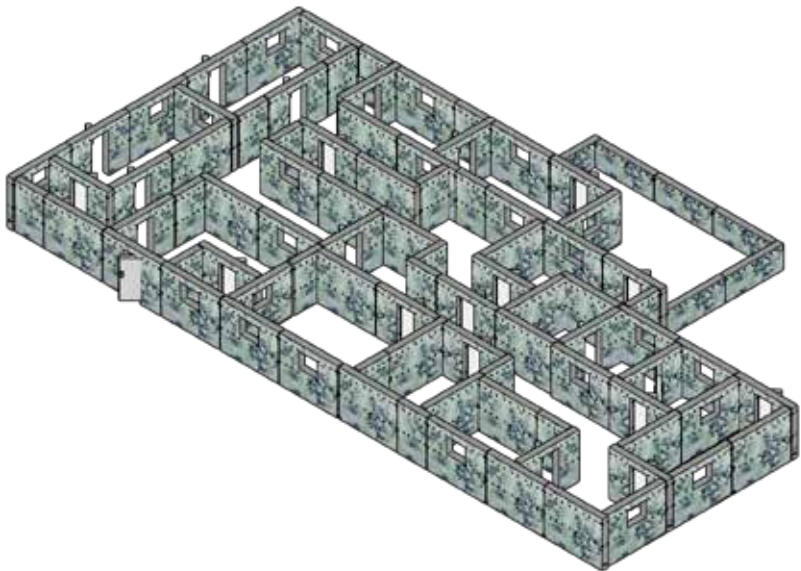


-  x 4 Pressure Gauge
-  x 4 Electric Air Blower
-  x 108 7kg Steel Anchor Weight
-  x 14 Inflatable Door Insert
-  x 14 Rapid Screen Door
-  x 12 Rapid Screen Window
-  x 4 Field Repair Kit

LEVEL 4

Level 4 is the largest package available and allows the end user to create complex building structures with multiple building capability and target training scenarios simultaneously.

Wall / Pack	
Full Wall	20
Window Wall	24
Door	24
Half Wall	18
Low Wall	6
Total Weight	4910 kg
Storage Space	27.8m ³
Pallet Space	23
Part Number	5363700X
Total Build Space	398.9m ²



-  x 4 Pressure Gauge
-  x 4 Electric Air Blower
-  x 184 7kg Steel Anchor Weight
-  x 24 Inflatable Door Insert
-  x 24 Rapid Screen Door
-  x 24 Rapid Screen Window
-  x 4 Field Repair Kit

OPTIONAL ACCESSORIES

Upgrade your IWTS package through cost saving expansion packs

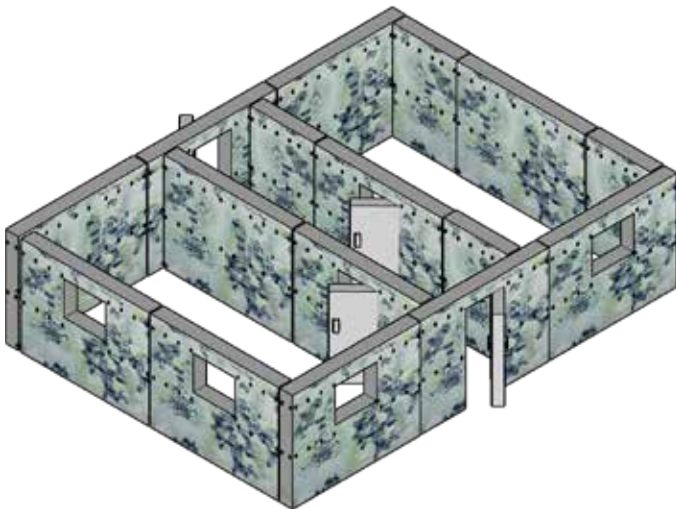
Easily scale up to the next level with the expansion packs and breach door system to provide an endless stream of scaled builds unique to your resources.

EXPANSION PACKS

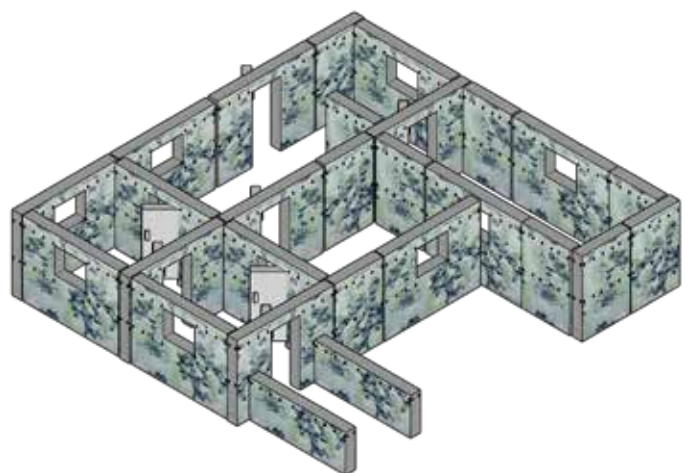
Available in two different options, the expansion packs are a quick and easy way to upgrade your IWTS package and expand your build

Wall / Pack	Expansion 1	Expansion 2	Expansion Breach
Full Wall	4	0	1
Window Wall	4	8	1
Door	4	6	
Low Wall		2	
Half Wall	4	6	
Breach Wall			1
BTI Lite Breach Door			1
Total Weight	860 kg	1170 kg	280 kg
Storage Space	4.8m ³	7.3m ³	1.2m ³
Pallet Space	4	6	1
Part Number	5363800X	5364000X	5363900X
Total Build Space	61.2m ²	84.6m ²	10.2m ²

EXPANSION PACK 1



EXPANSION PACK 2



FLEXIBLE ROOF SYSTEM

The Flexible Roofing System covers the full length of your chosen IWTS structure. The roof is easily attached to the top of the walls via our carabiner system and increases functionality to include low light conditions for NVG training and smoke/fog containment.



BREACH DOOR

The BTI Breach Door is an inward opening door designed to offer realistic and affordable real world training. The Breach Door can simulate up to a 3-lock set utilising the built-in locking system and patented BTI Breaching Pins.

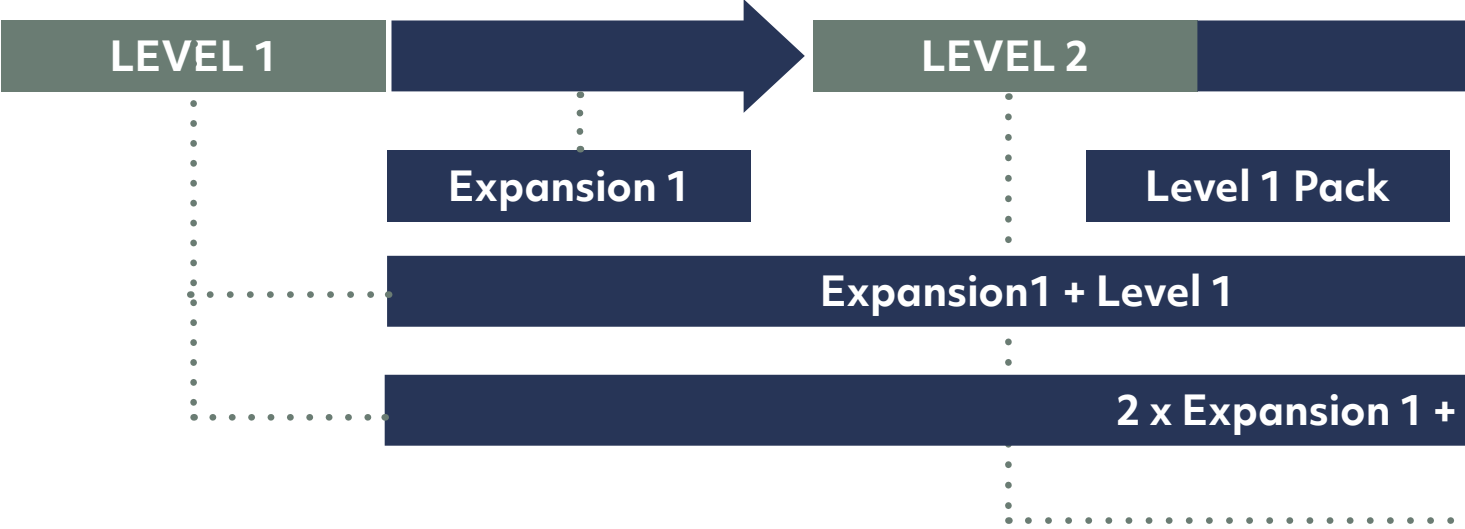
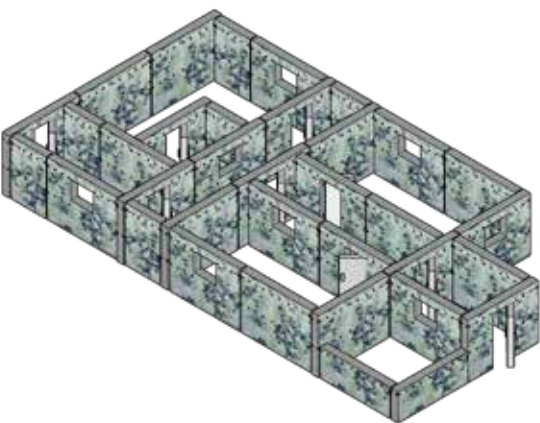
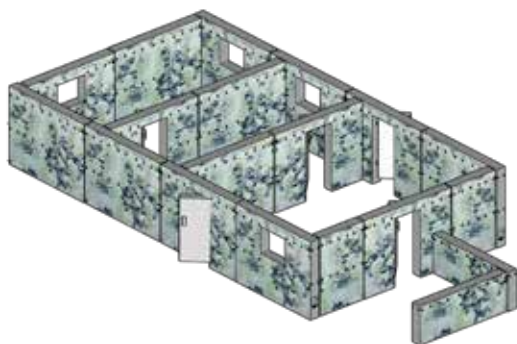
THE BEST TRAINING SOLUTION AVAILABLE TODAY

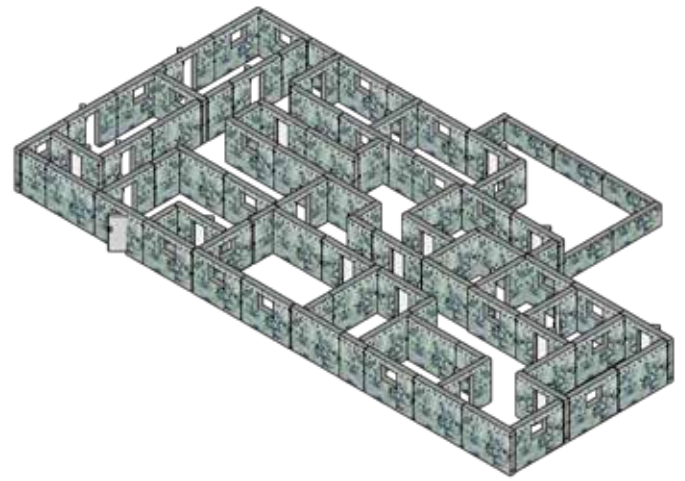
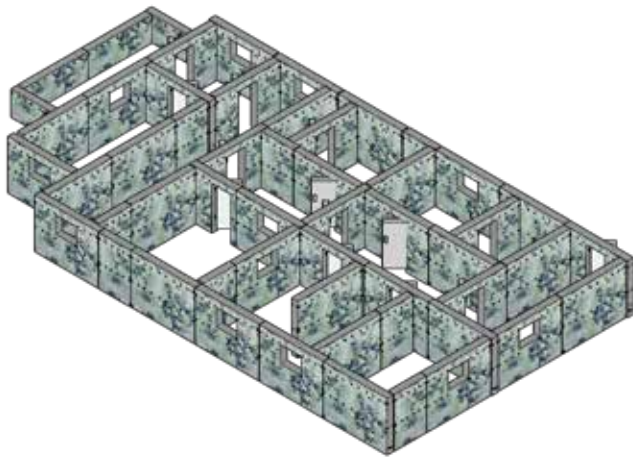
	IWTS Beaufort	Frame and Fabric Building	Partition Panels Wood/Metal	PVC Covered Foam	Vinyl Based Inflatable	ISO Shipping Container Compound
Rapidly deployable, portable and compactable	✓	X	X	X	✓	X
Use on any terrain, any environment, -40°C to +60°C	✓	X	X	X	X	X
Build any size room or design appearance	✓	X	X	X	X	X
Five year guarantee and totally reusable	✓	X	X	X	X	X
Resistant to ALL training ammunition	✓	X	✓	X	X	✓
Safe for trainee impact	✓	X	X	✓	✓	X
Flat packable and easy to transport	✓	X	X	X	X	X
Small storage footprint	✓	X	X	X	X	X
Customisable exterior or realism	✓	X	X	X	X	X

*Five year guarantee – conditions apply, details available upon request



EXPANSIONS





THE COMPLETE TACTICAL SHOOT HOUSE CAPABILITY

We partner with only the leading tactical companies to bring you the most immersive training experience. This includes best in class training ammunition and intelligent targeting systems.

FitLight is an interactive targeting system that is placed inside the walls during training. Each target lights up as a different colour for immersive and unpredictable training. Green for civilian, red for target, etc. It also has live GPS tracking which provides after action review to measure the accuracy of each shot and reaction times.

IWTS is the only portable training environment endorsed by Simunition – the leading provider for training ammunition. IWTS has been tested to withstand Simunition (9mm and 5.56mm), standard NATO 5.56mm blank ammunition, L83A1 smoke grenade, L111 training grenade, hot rifle and pistol barrels and 6 bang distraction devices.



A TRUSTED TECHNOLOGY

Inflatable technology is a tried and tested stable military solution, and there is no other inflatable equipment in the world with experience quite like ours.

Some of the largest Defence organisations in the world rely on it every day for their safety, and know that it is waiting patiently to aid them if all else fails. Our inflatable technology has been cleverly developed for over 9 decades, deployed in the most complex structures. It has been dragged, burnt, frozen, vacuum packed, wind blasted, subjected to 9 G force speeds and has been exposed to some of the worst chemical substances in the world. This same technology is the very DNA of IWTS. Our customers know that if it bears the Beaufort name, it will feature all of the hallmarks of our reputation – intelligent/rapid inflation, practical end user driven designs, tough, rigorous structure and complete reliability.



AIR



LAND



SEA



SUBSEA



GET IN TOUCH

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