

LANCO

TentTech · DeconTech · FlexTank

Hybrid inflatable exoskeleton frame

INX



INX shelters offer the best of both worlds: they are installed as quickly as inflatable shelters and are as robust as exoskeleton ones.

Its compact packaging and sturdy construction, together with a series of carefully designed accessories, guarantee an efficient use of the INX for all emergencies, in all weather conditions and on any type of terrain.



Rapid deployment



Interconnectable, modular design



Versatile, reliable, robust, easy to transport



PVC coated fabric, flame retardant and UV resistant

LANCO's

INX shelter is a state-of-the-art tactical shelter and unique in its kind. It combines the strength of rigid frame shelters with the rapid deployment of inflatable soft shelters. The double structure (inflatable air beams and exoskeleton aluminum frame complementary to the inflatable structure) ensures superior strength and durability.

One person can easily set up and take down any INX shelter within minutes of arriving. However, the recommendation for a smoother, quicker process is to have two people on the job. These shelters do not require any special equipment for either erecting or striking. Simply position, inflate, slide in the exoskeleton poles, and everything is secured and ready for use. All setup and dismantling operations can be performed using neither special tools nor a ladder.

Innovative structure

The exoskeleton frame is made of specially designed anodized aluminum profiles, while the connectors consist of die-cast aluminum. The poles slide along the guiding rails and are secured into position by means of an innovative safe-locking

Features

- ▲ Set up and take down by as few as 2 people within minutes
- ▲ Unique and innovative technical solution

Technical data

| [all values are approximate] | INX 300 | INX 450 | INX 600 |
|-------------------------------|------------------------|------------------------|------------------------|
| Base area | 322.92 ft ² | 484.38 ft ² | 635.07 ft ² |
| Frame length | 15.85 ft | 23.72 ft | 31.60 ft |
| Frame width | 19.52 ft | 19.52 ft | 19.52 ft |
| Frame eaves height | 7.38 ft | 7.38 ft | 7.38 ft |
| Maximum frame height | 10.00 ft | 10.00 ft | 10.00 ft |
| Shelter length | 16.90 ft | 24.77 ft | 32.64 ft |
| Shelter width | 18.37 ft | 18.37 ft | 18.37 ft |
| Shelter eaves height | 7.21 ft | 7.21 ft | 7.21 ft |
| Shelter ridge height | 9.19 ft | 9.19 ft | 9.19 ft |
| Assembly [no of persons req.] | 2 | 2 | 2 |
| Set time | 10-12 min | 10-12 min | 10-12 min |

Colors



system.

The inflatable main beams and ridge beams are made of airtight double-sided PVC coated polyester fabric (32 oz/yd²), fixed to the shelter skin and floor. The eaves purlins are inflatable and a pressure relief valve prevents excessive pressure in the frame.

Shelter skin

The shelter skin is made of double-sided PVC coated polyester fabric (22 oz/yd²), flame retardant, waterproof and mildew resistant. The ground sheet of double-sided PVC coated polyester fabric (22 oz/yd²) is also available with anti-slip embossing as option (25 oz/yd²).

The INX series shelters have undergone extensive testing and include rugged, reliable materials to hold up even under the toughest conditions. They can withstand snow loads of 10 lb/ft² - with exoskeleton (4 lb/ft² with the inflatable structure alone) and steady winds of 62 mph or 74 mph in gusts.

- ▲ Available in 3 standard configurations
- ▲ Easy field maintenance
- ▲ Reliable, user-friendly, rugged

Options and accessories

- ▲ Inner liner
- ▲ Sunroof
- ▲ Partition walls
- ▲ Protection groundsheet
- ▲ Additional side entrance
- ▲ Entrance module
- ▲ Connection module shelter to shelter, shelter to vehicle/container
- ▲ Hard plastic flooring
- ▲ Electric blower
- ▲ Automatic pressure maintenance system
- ▲ Lighting
- ▲ Power distributor/switchboards
- ▲ Air conditioning, heating
- ▲ Lettering/branding

*Other colors available upon request