

Balpro® Protector Watch Tower Kit



Data Sheet

Watch Tower adds observation post capability to Balpro® Protector system; build-up time about 4 hours

The Balpro® Protector Watch Tower adds protected observation post capability to the modular, element-based Balpro® Protector fortification system.

The Watch Tower is built by using standard Balpro® Protector elements for walls and roof and a Watch Tower Kit. The Watch Tower Kits include the window frames, bullet-proof window panes, platform(s), ladder(s) and other needed parts. The windows slide open on each side.

For the 4-metre high watch tower 3-metre long half elements are used as wall elements. For the 7-metre high watch tower joined 3-metre long half elements or 6-metre long elements are used as wall elements. The door element is always a 3-metre long half element. A 3-metre half element is also used as the Watch Tower roof.

Watch Tower Kit weights:

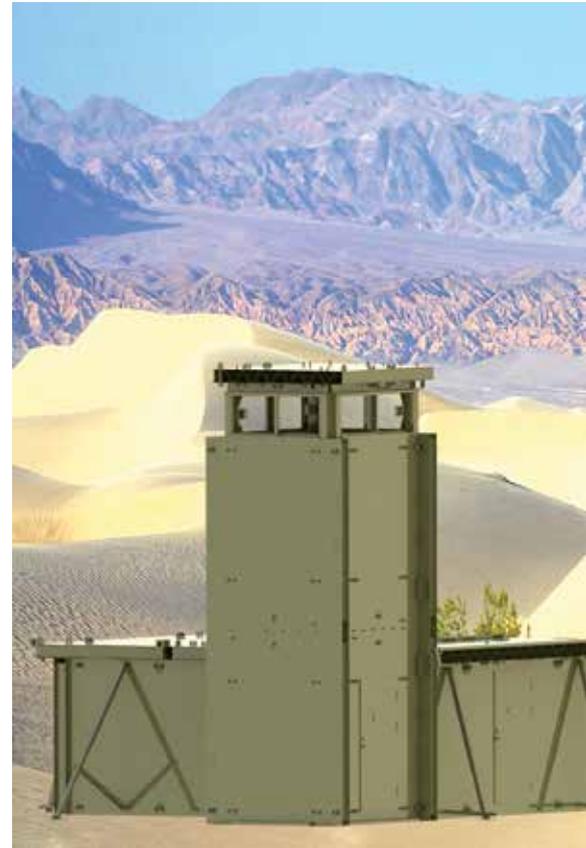
4-metre tower kit: net weight 1900 kg
7-metre tower kit: net weight 2200 kg

Transport configuration:

- Separate Watch Tower Kits are delivered packed on pallets

Build-up and dismantling:

- Crew required: at least 4 persons including crane operator
- Equipment required: a crane with a two ton lifting capacity and lifting height of at least 10 metres (e.g. truck's loader crane)
- Typical build-up/dismantling time: 4 hours
- Elements secured to each other with chains manually tightened by rigging screws



Protection capability of watch tower wall & roof elements according to Stanag 2280:

Stanag 2280 Class	Empty elements
A Small / medium caliber projectiles:	A3 (7,62mm AP 80P)
B Shoulder launched weapons / Rifle grenades:	tbd
C Battlefield rockets, Artillery and Mortars:	C4 (120 mm mortar, 107 mm rocket)

Protection capability of bullet proof glass panes is Stanag 2280 Class A1 (7,62 x 51 NATO Ball M80).

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Ordering information:

Note. In addition to the Watch Tower Kits detailed below, construction of a watch tower requires a 3-metre half element equipped with a door and the other required wall and roof elements.

Balpro® Protector Watch Tower Kit / 4 metre tower: ladder, observation deck, window frames and window panes, plinth panels and lifting chains (other accessories such as lifting shackles and rigging screws with chains included in Balpro® Protector element sets)

Balpro® Protector Watch Tower Kit / 7 metre tower: ladders, observation deck and intermediate level deck, window frames and window panes, plinth panels, long element legs, lifting chains (other accessories such as lifting shackles and rigging screws with chains included in Balpro® Protector element sets)

Spare parts: See separate spare parts list

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