

Cable parachutes



are indispensable in modern winch launches and stipulated as standard equipment by the SBO (German gliding operation regulations).

A) Parachutes for winch launch with steel cable

1. BT cable parachute **133000**

This durable parachute has a considerably high life expectancy. The large canopy enables pulling-in of the cable with slow engine torque. 2 colours – signal red and violet – make easier to separate the cables of a double drum winch.

Description

Four-segment canopy from Nylon, UV-resistant, colours: signal red or violet. With 8 ea. single-piece black nylon shroud tapes, reinforced parachute edges, upper tapes are doubled. The long shroud tapes are now exchangeable. If they are damaged you can order replacement types and exchange them by yourselves. Shroud tapes are gathered in a delta screw-type connector.

Canopy base diameter (open, in flight)	1800mm
Total length of parachute	3500 mm
Total mass of parachute	2400 g
Price including VAT	290,00 €

Important operating notes for the use of the BT cable parachute

Excerpt from the LTA 73-16 (part of the SBO 2001 and following valid issues):

The diameter of the open parachute may not exceed 2 m.

The total length of the parachute, with closed canopy and stretched shroud tapes may not exceed 4 m.

The distance between release and vent of the canopy is stipulated with 13 m for a canopy diameter of 1,5 to 2 m. So please use the sequence:

- 3 m safety cable, with connecting ring pair
- Weak link unit (can be used, too, between connecting ring pair and safety cable)
- 10 m connecting cable

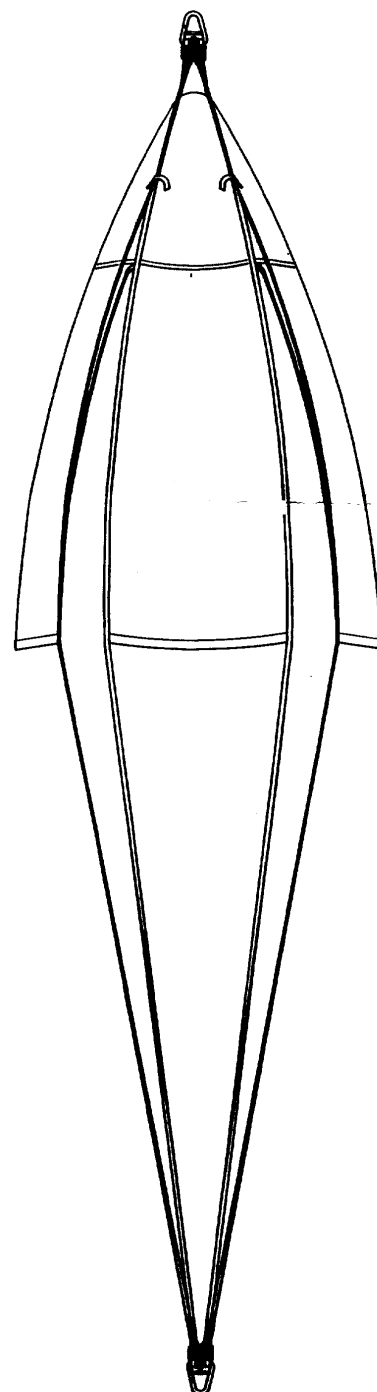
2. Cross-panel cable parachute **133500**

This light parachute (picture on the next page) combines high strength with a very good price/performance ratio. The special construction means the parachute descends very slowly and almost without rotating.

Description

Canopy made of two polyamide panels stitched together in the shape of a cross; reinforced parachute edges. Canopy colour: white. Eight shroud lines are gathered top and bottom in leather-covered thimbles. The shroud lines are knotted through loops on the canopy base.

Base diameter (open, in flight)	1450 mm
Total length of parachute	3400 mm
Total mass of parachute	1500 g
Price including VAT	183,28 €



B) Cable parachute for winch launch with plastic cable

Small cross-panel cable parachute 133600

Construction like the big cross-panel parachute 133500, but

base diameter	1200 mm
Total length of parachute	3400 mm
Total mass	1200 g
Price including VAT	171,68 €

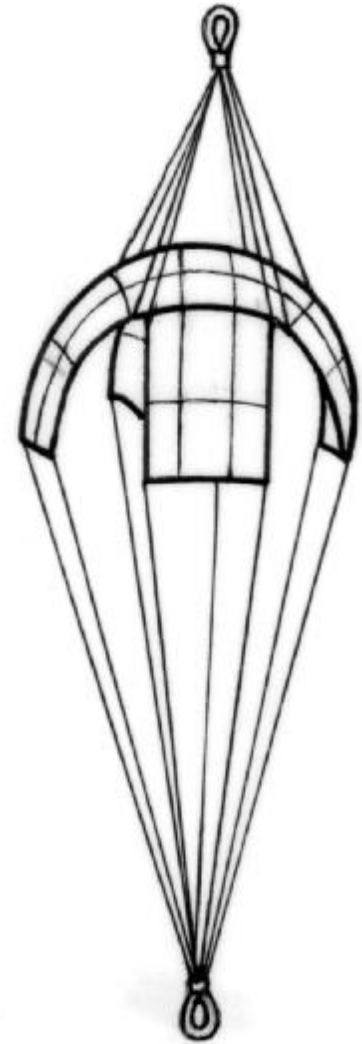
Important notes for the operation of cross-panel parachutes 133500 and 133600

The canopy diameter is less than 1.5 m so the SBO (German safety regulations for gliding operation) stipulates:

- safety cable with connecting ring pair, 3 m long
- weak links unit (can be used, too, between connecting ring pair and safety cable)
- Connecting cable, 2 m long, p/n 121002

Maintenance and repair applicable for all types of cable parachute

- Check the shroud lines regularly and untwist them if necessary.
- The shroud lines of each panel must run from the base of the canopy to the thimble without crossing.
- Before starting, make sure the parachute is straight and not twisted.
- Towing over stony ground will shorten the life of the parachute canopy.
- Look out for broken strands on the winch cable and safety cable, which may damage the canopy material.
- Every parachute should be washed after extended use or heavy soiling. Use a mild detergent. Hang the parachute to dry, but not in direct sunlight or near hot stove.



Proper care prolongs the life of your parachute

Connectors / Quick release elements

SBO regulations stipulate a connector between cable parachute and winch launch cable, so that the parachute can be detached from a winch launch cable not currently in use.

You will find those connectors in our Product Catalog on page 20 and on our website www.tost.de under Products / Launch/tow equipment / Connectors.

Weak links

You can use the weak link element **between safety cable and connecting cable** as well as **between connecting ring and safety cable**.

Selection of the correct weak link to entry in the Type Certificate Data Sheet of your glider/motor glider. Assistance and summary is given by our "Application list Weak links", which we have prepared on the basis of the aircraft's TCDS. You can have it sent from Tost. Or you have a look on our website www.tost.de, where you will find it under Service / Technical Information / Weak link application list.

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