Technical description

Ticomm & Promaco vertical ladders are fabricated in conformity with the main guidelines of the following norms:

**DPR 547**: overall norms concerning the prevention of accidents - (Italian legislation).

**EN ISO/FDIS 14122-4 norm**: related to permanent access means to machinery - (valid in some European countries).

Our ladders can be fabricated in different lengths - with or without connection elements.

**Technical features of the ladder components:**
- GRP post 90x35 mm.
- GRP Ergonomic rungs (diameter: 28 mm) with high “grip” power.
- GRP cage hoops with 750 mm diameter (in compliance with: ISO/FDIS 14122-4); or 600 mm diameter (in compliance with the Italian: DPR 457).
- GRP Flat profile 50x5 forming ladder cage.
- GRP fixing brackets (Length = 300 mm). As alternative: AISI 316 stainless Steel fixing brackets for longer ladders.
- GRP accessories for ladder assembly; AISI 316 stainless Steel fixing brackets and bolts for cage assembly.
- Ladder weight: 5 Kg/m.
- Cage weight: 4,5 Kg/m.
- White colour.

**Please note that:**
- Ladders have to rest upon the ground (or appropriate surface) in order to discharge their weight.
- It is advisable to use fixing brackets each 2.000 mm.
- The 1 m overhang extention of the cage (both in front and side mount) has to be fixed to the guardrail.

![Ladder T Diagram](image-url)
Guaranteed safety and reliability

Technical description

Ticomm & Promaco vertical ladders are fabricated in conformity with the main guidelines of the following norms:

**DPR 547**: overall norms concerning the prevention of accidents - (Italian legislation).

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Our ladders can be fabricated in different lengths - with or without connection elements.

**Technical features of the ladder components:**

- GRP post 85x25 mm.
- GRP Ergonomic rungs (square section: 28x28 mm) with high “grip” power.
- GRP cage hoops with 750 mm diameter (in compliance with: ISO/FDIS 14122-4); or 600 mm diameter (in compliance with the Italian: DPR 457).
- GRP Flat profile 50x5 forming ladder cage.
- GRP fixing brackets [Length = 300 mm]. As alternative: AISI 316 stainless Steel fixing brackets for longer ladders.
- GRP accessories for ladder assembly; AISI 316 stainless Steel fixing brackets and bolts for cage assembly;
- Ladder weight: 3.3 kg/m.
- Cage weight: 4.5 kg/m.
- Yellow colour.

**Please note that:**

- Ladders have to rest upon the ground (or appropriate surface) in order to discharge their weight.
- It is advisable to use fixing brackets each 2.000 mm.
- The 1 m overhang extension of the cage (both in front and side mount) has to be fixed to the guardrail.

We reserve the right to modify without notice our production properties and the written data on this document.