CE 0159

ENERGY ABSORBER SET MOD. 35

The Climax model 35 energy absorber set, together with a safety harness, is an indispensable element for a safe fall arrest system. The energy absorber is designed to protect when installing scaffolding, as the design of the Y-shaped securing strap enables the user to be secured to the structure at all.

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Description and Features

The Climax model 35 energy absorbing set is manufactured with very rugged materials, able to support the most demanding work situations, ensuring prefect protection at all times.

The energy absorber is composed of an absorption strap and a Y-shaped securing and anchoring strap

The absorption strap is white and comprises two interwoven textile pieces, folded and located within a transparent plastic cover. In the case of a fall, the stitches joining the two textile pieces tear apart progressively, absorbing the energy of the fall.

The anchoring strap is composed of two twisted polyamide three-strand ropes with a diameter of 14 mm and a great resistance to traction. The supports a minimum breakage load of 32 KN. The rope also has a red filament to indicate wear.

The assembly has a total length of 1.85 m, enabling good freedom of movements.

Swinging diameter: 2 m
Minimum safety height: 6 m

EC Certification

Standards: UNE-EN 355: 1993
UNE-EN 362: 1993
Health and safety requirements of R. D.1407/1992
Regulatory agency No. 0159

Applications

The energy absorber must be used in combination with a fall arrest harness (such as Climax models 26-C, 27-C, 28-C and 29-C) being joined together with snaphooks (Climax model 30 snaphook). The set constitutes an extremely safe and rugged fall arrest system, enabling the user to be attached to the structure at all times thanks to the Y-shaped anchoring strap, as well as offering mobility.

Technical data

· Length of the absorption strap	75 cm
· Force to start the tearing	F=2KN
· Total length of the absorber	185 cm
· Static resistance to traction	F>22 KN
· Dynamic behaviour	F< 6 KN

(Registered value in free fall with a mass of 100 Kg)

Edición 9-apr-08