

Safe-T-Cut®



Description

Safe-T-Cut® is a patented explosive clamp designed for the removal of vegetation from overhead power lines. The Safe-T-Cut can be positioned at ground level and detonated from a safe distance reducing the risks associated with utility arboriculture operations.

Construction

The patented clamp design is constructed from wood as an environmentally friendly consideration. The explosive charge is encased in a seamless high strength plastic jacket designed to withstand the most demanding of conditions.

Safety

Under normal condition of use the Safe-T-Cut® is relatively insensitive to accidental initiation by shock, friction or mechanical impact. Safe-T-Cut® can detonate if subjected to extremely high temperatures but remains stable and safe below 80°C.

Storage & Handling

Safe-T-Cut® should be stored in a cool, dry, well ventilated magazine licensed for Class 1.1D explosives. Detonators are to be stored in separate compartments.

Applications

Removal of tree branches from overhead lines
Telegraph pole cutting
Demolition

Stability

Under normal conditions the explosive contents of the Safe-T-Cut® remains stable for up to 5 years

Handling

Safe-T-Cut® should be used for the intended purpose only. Attempts to alter tamper or damage the unit may result in premature detonation.

Products showing signs of deterioration or leaking powder should be returned to the supplier.

Avoid damage to the outer coating of the detonating cord and end caps.

Initiation

The detonator tip should be secured in close contact to the detonating cord.

Technical Details

Clamp cutting dia	25cm+ / 30cm +
NEQ per unit	575gms
Explosive	Pentaerythritoltetranitrate (PETN)
VOD	≥ 6500 metre / second
Core load	150g/m

Packaging

Model	Box Qty	Carton Dimensions	NEQ per Carton	Carton Gross Wt
STC25	8	42x31x33 cm	2.3kg	8kg
STC30	4	64x28x30 cm	2.3kg	9kg

Hazardous Materials Shipping Description

Cord Detonating, flexible

Class & Division 1.1D, UN0065, Packing Group PGII

Certification

CE mark: PvTT 114/03

Competent Authority Ref: S/13/590/90

E&OE