



SAVIORUR Davit System



General Description:

Four Piece confined space system with winch, Designed for manhole and confined space entry/retrieval and fall arrest applications. System breaks down into four lightweight aluminum components for easy storage, transport and set-up. No tools required for assembly. Modular design allows the use of various fixed and portable bases and an optional mast with extensions. Multiple winches and/or lifeline systems may be mounted as required.

Compliance: 200Kg Load Test Certificate, Winch and fall arrestor EN approved

MODEL NO: FP-DVT

Proposal for 'Saviour' High Rise Escape System

Executive Summary:

In today's complex environment it is irresponsible to believe that in times of danger, emergency services will be obtainable, timely and equipped to provide rescue from multi-storey buildings, especially when 99% of the world's fire ladder trucks cannot reach above the 7th floor.

We provide simple, reliable and inexpensive solutions for self-evacuation and rescue so that you can truly plan your way out, with our user friendly "Saviour High Rise Escape System"

We accomplish this by using a combination of several simple, devices that require no power, have a long shelf-life and for the most part have been in use for decades.

At the heart of each of our systems is the Controlled Descent Device and is commonly referred to as a "CDD". Besides which a Strong yet Lightweight Evacuation Bag is provided to seat / hold the evacuee .The CDD ensures that the descent is moderated without injuring the evacuee, in its normal form it resembles a pulley in its operation, When a two system CDD is used as one side goes down (with the evacuee) the other side comes up for the next person. This process is repeated over and over again until everyone escapes. The speed can be compared to that of a slow elevator, 1 mt /sec. Users don't experience any weightlessness and no reloading is necessary.



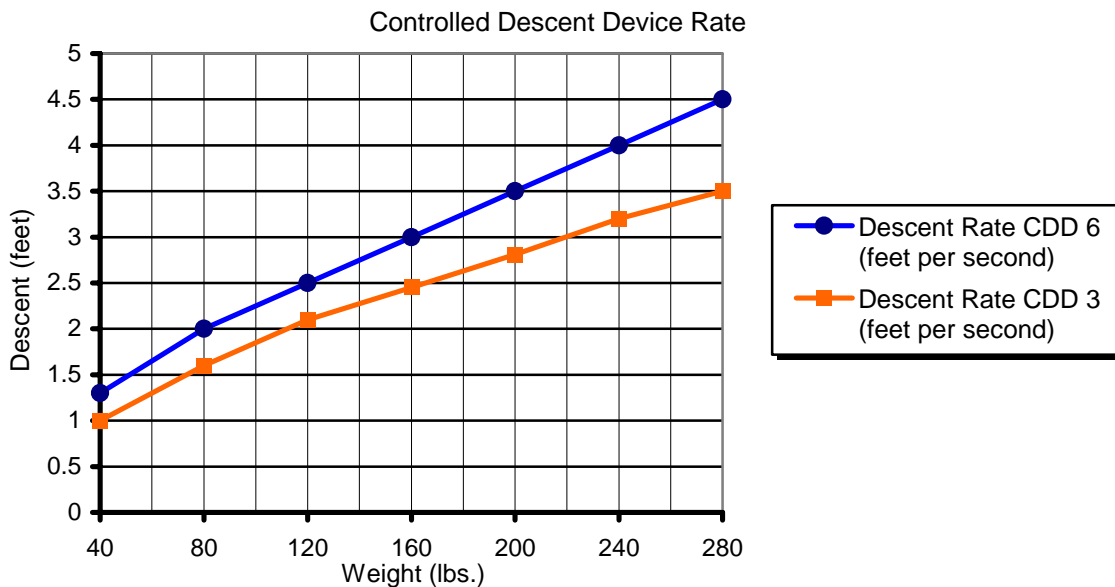
'Saviour' Wall-Mount:

The Guardian system utilizes a small bracket as an anchor for a detachable swing arm. The Swing Arm slides up into and rests down inside this bracket to lock into place. This removes the need to lean over the balcony or out the window to secure the system. The Swing Arm extends the CDD nearly 1 meter away from the building so that the evacuee doesn't drag against the structure while descending.

The bracket is attached using three 1/2" lag bolts. It can be painted or textured to blend into the décor of the structure. Since building techniques vary from country to country it is recommended that a certified contractor in your locale install it in conjunction with our installation instructions.

These inexpensive brackets could be installed on every side of the building to allow the users to choose the best location to initiate evacuation. If fire or wind conditions change, the user could quickly move the Swing Arm and CDD to a better area and continue evacuation.

The CDD consists of a steel cable core of 1/8" dia covered with neoprene to protect against the environment then is covered with nylon braided jacket 5/16" (8mm) to protect against abrasion. This cable passes over a sheave that drives a reversible gear, automatically returning one suit while the other is in use. The gear simultaneously activates the centrifugal braking mechanism that maintains a constant descent speed. Descent speed varies based on the weight of the user. Sala model meets the stringent standards of CE, fulfills the essential health and safety requirements of directive 89/686/EEC and its amendments as well as Standard CSA Z259.2.3 - Class 1E.

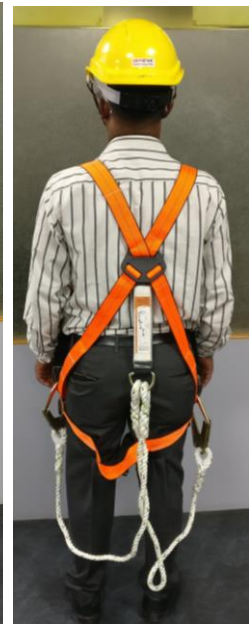
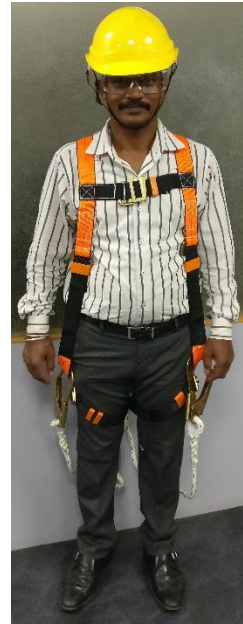




The Evac-Suit is made of a strong fire-resistant synthetic twill fabric, (para-aramid fiber) and aluminized to resist 95% radiant heat. Similar to fabrics used in aerospace and military applications.

The davit and swing arm assembly materials are made up of strong metal.

Safety Harness T-110 Safety belt with Double Polyamide lanyard With Scaffold Hook and Shock Absorber



PRODUCT SPECIFICATION

Saviour 1.8 mt Double Polyamide [PA] lanyard with spring type scaffold hook on one side and choice of harness on other side

Conforms to IS 3521: 1999

Double PP Lanyard with Scaffold Hook and Shock Absorber

Saviour 1.8 mt Double Polypropylene [PP] lanyard with scaffold hook on one side and shock absorber with choice of harness on other side.

Length: 1.8 mtrs

EN 361: 2002 approved harness are provided on demand.

Model: FPSAV-DPPSFSA



STANDARD HARNESS

1 chest buckle for adjustment with a D-ring for fall arrestor [Rope Grab]. A Dorsal Attachment D-ring for fall arrest
Adaptability : Adjustable Chest-strap & thigh - straps. Convenience: Shoulder and thigh-straps differentiated by a dual colour scheme. Ergonomics : Ideally positioned sit-strap for extended comfort.

PRODUCT SPECIFICATION

- Attachment elements** : 1 chest buckle for adjustment with a D-ring for fall arrestor [Rope Grab]. A Dorsal Attachment D-ring for fall arrest.
- Adaptability** : Adjustable Chest-strap & thigh - straps
- Convenience** : Shoulder and thigh-straps differentiated by a dual color scheme
- Ergonomics** : Ideally

COMPLIANCE Conforms to IS 3521 : 1999

LENGTH SIZE N/A



Work Position / Rescue Harness

Attachment elements : 2 lateral attachments for work positioning; one central attachment for rescue ; 1 chest attachment for fall arrestor and rope grab. A Dorsal Attachment D-ring for fall arrest.

Adaptability : Adjustable Chest-strap , padded thigh - straps and shoulder straps, padded waist belt for rescue and work positioning.

Convenience: Shoulder and thigh-straps differentiated by a dual color scheme.

Ergonomics : Ideally positioned sit-strap for extended comfort.

PRODUCT SPECIFICATION

- Attachment elements :** 2 lateral attachments for work positioning; one central attachment for rescue ; 1 chest attachment for fall arrestor and rope grab. A Dorsal Attachment D-ring for fall arrest.

- Adaptability :** Adjustable Chest-strap , padded thigh - straps and shoulder straps, padded waist belt for rescue and work positioning.

- Convenience :** Shoulder and thigh-straps differentiated by a dual color scheme

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COMPLIANCE

Conforms to IS 3521: 1999.