

## How does it work?

**Step 1** Fit the lifeline rope to the upper pulley and descender.



**Step 3** Stand ladder upright, and use level bubble to ensure ladder is level and at the correct angle.



**Step 5** Attach harness to the fall arrest device. Test weight on system.



**Step 7** Rescue is simple and easy to perform without putting a second user at risk.



*No external rescue system is required with this premium option.*

**Step 2** While the ladder is on the ground, deploy the Terrain Master to its widest setting.



**Step 4** Attach rope tethers around pole or to structure. Apply tension.



**Step 6** Ascend ladder to desired position. Use work positioning hook to attach to rung hook.



## Fall Control System

Branach's new Fall Control solutions are designed from the ground up with you, the user, in mind. Engineered for productivity with a new level of safety to get the job done!

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SAFETY. OUR WAY OF LIFE

## Fall Control System

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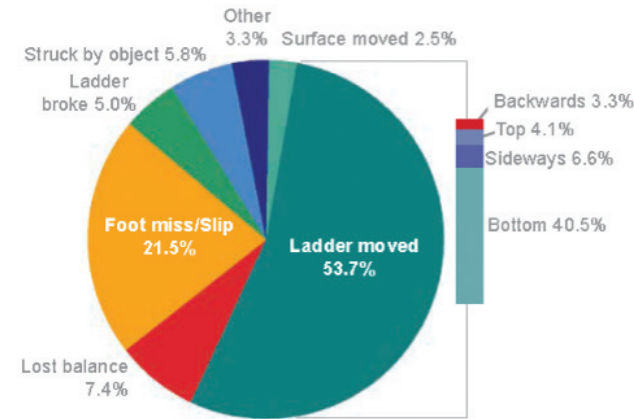
# Why Fall Control?

After years in the field and working closely with customers, we knew what needed to happen.

## Simple

A system to ensure the height worker is safe while ascending, descending or accidental fall, slip or medical issue.

### Why people fall off ladders†



The elements of the Branach Fall Control system address:

**STRENGTH** required to arrest the user.

**STABILITY** required to remain upright during a fall event.

**ANCHORING** mechanism to ensure the user does not separate from the ladder structure.

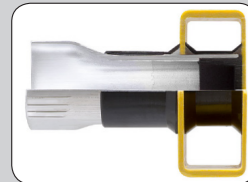
**RESCUE** so the height worker can be safely brought down by someone on the ground.

The design and unique construction of our award winning system addresses the two most common ladder failure modes.

### Failure Mode 1

**STABILITY FAILURE** – Movement of the ladder.

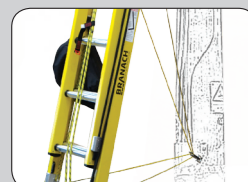
*Base slip, movement of the top of the ladder and sideways tipping.*



Our unique fiberglass **BOX RAIL** rung joining system provides unparalleled performance in strength and stability. Industry proven and tested, the fiberglass box rail construction dramatically reduces twist and sway by up to 40%.



Combined with Branach's patented **TERRAIN MASTER** stabilizer, our ladders provide unprecedented safety when working on uneven ground. Lightweight and easy to use, the **TERRAIN MASTER** ensures a stable footing and sideways movement.



The ladder also has **TETHERS** that can be bolted into the ground or structure. This ensures the ladder is securely fixed.

### Failure Mode 2

**USER ERROR** – Incorrect use of the Ladder.

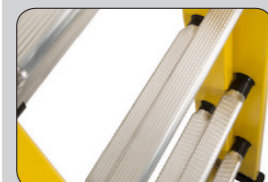
*Foot missed/slipped, User lost balance and overreaching.*



**WORK POSITIONING HOOKS, HARNESS** and **LANYARD**. These ensure adequate anchoring to the ladder structure (load and impact capacity) in the event of user detachment due to slips, loss of balance and overreaching.



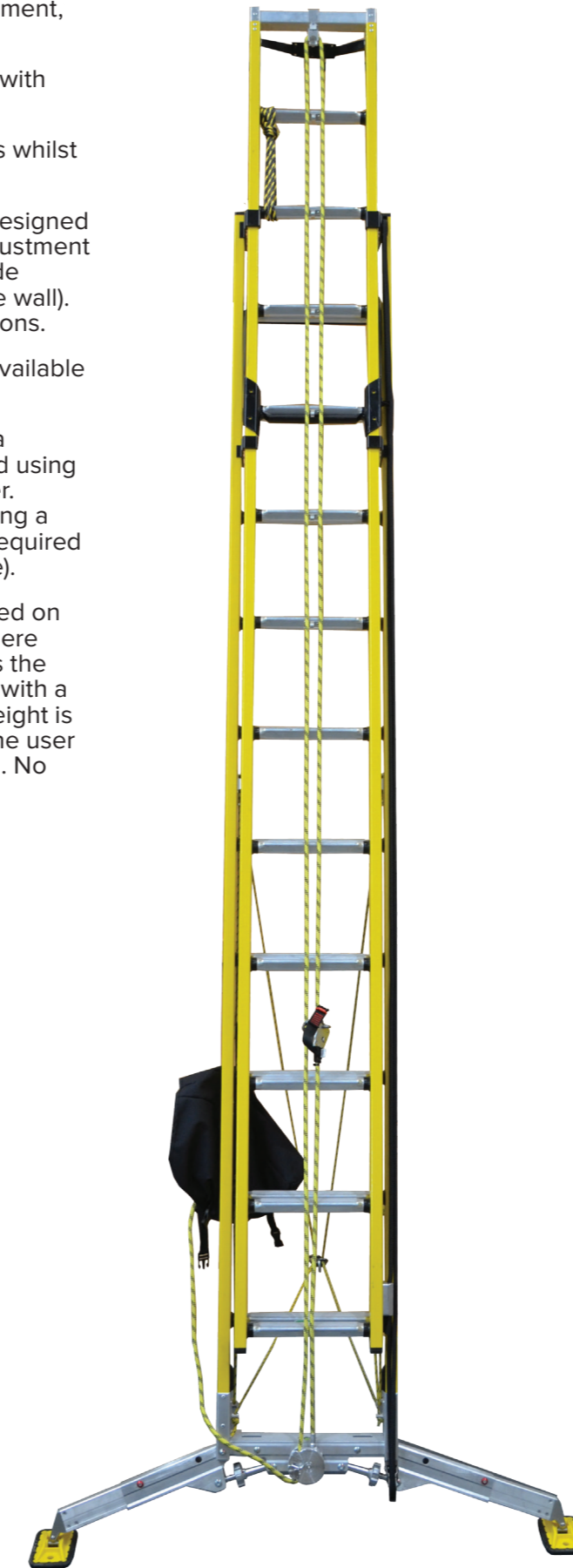
The **INNOVATIVE DESCENDER** in the fall control system allows the user to replace themselves back on the ladder if they slip, or in a more serious event, have a person lower them to the ground. **GROUND BASED RESCUE** system allows a passer-by to rescue the height technician in an emergency.



In addition, our **NON-SLIP RUNGS** help reduce foot slips.

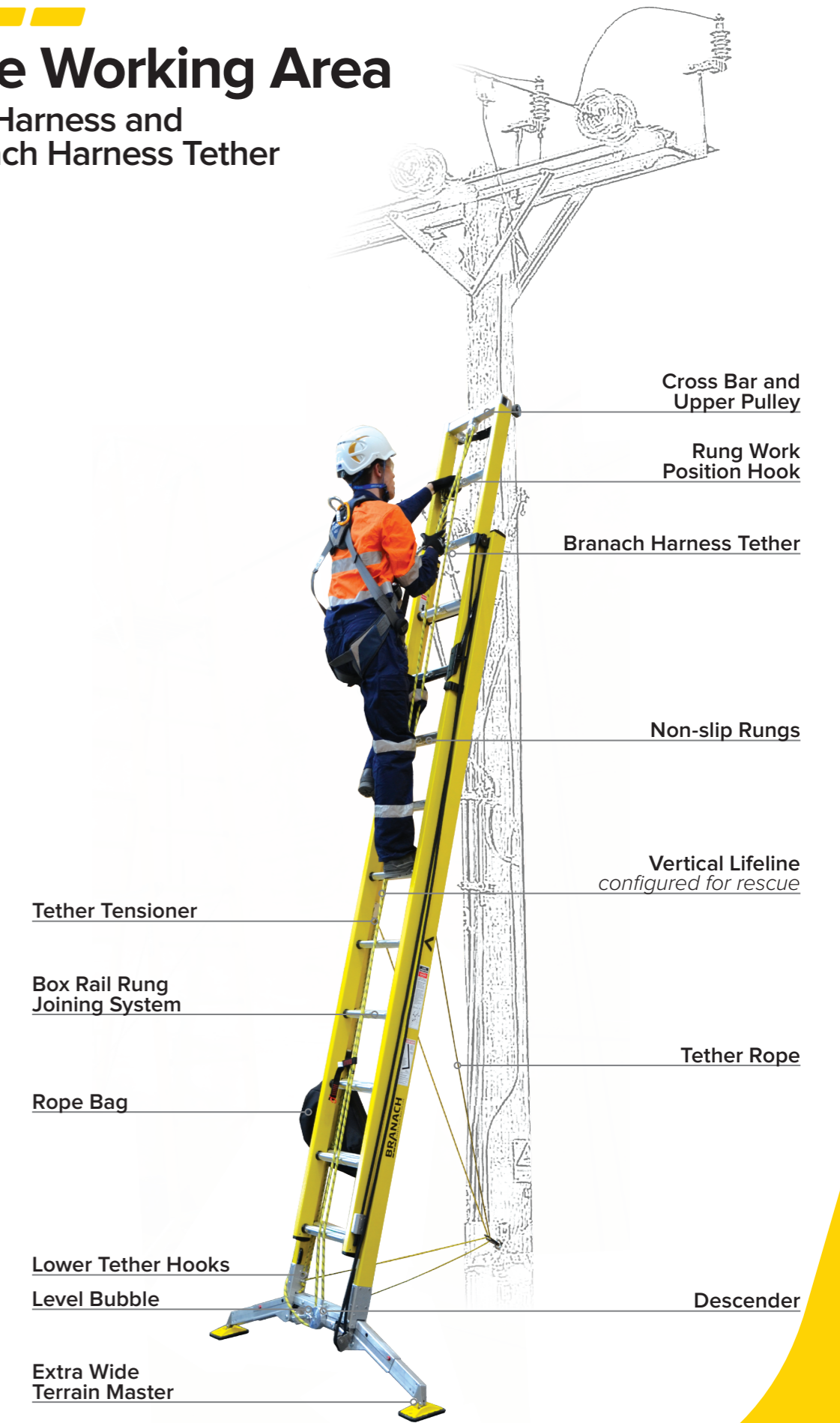
# Fall Control System

- Rigorously researched to understand work environment, productivity and safety parameters.
- Risk based analysis to identify and control all risks with typical ladder work practices.
- Compliant with NEW EN131-2 stability requirements whilst being easy to transport and deploy.
- Coupled with the integrated tether, the system is designed for fast deployment and allows for quick height adjustment without major derigging. These two features provide unprecedented ladder security (like it is fixed to the wall). An important consideration for fall control applications.
- The simplest and easiest fall control rope system available enabling set up in less than 4 minutes.
- With the "Premium Fall Control System" rescue of a suspended user can be performed from the ground using the Branach's new and innovative inbuilt descender. Rescue is simple and easy to perform without putting a second user at risk. No external rescue system is required with this premium option. (Rescue ready to operate).
- The centrally located work positioning hooks located on top 7 rungs provides ergonomic positioning anywhere within 2 meters of the top of the ladder. This allows the user to be balanced while working with two hands with a comfortable and safe work envelope. The users weight is supported vertically by the rope system allowing the user to be rescued from the ground in the event of a fall. No lanyard to cut or disconnect for rescue.



# Safe Working Area

With Harness and Branach Harness Tether



†Source

Liberty Mutual Research Institute for Safety – Center for Injury Epidemiology (CIE)  
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