

Confined Space Entry Tripod

Purpose for which this equipment is designed:

The tripod is designed to fit over a manhole entry cover and provide safe access by the use of fall arrest and recovery winch.

Installation Requirements:

For entry into a Confined space training is a mandatory requirement for people working in any confined spaces. (Safe Work Australia Code of Practice)

You Must Hold the Relevant and Current Ticket to Enter a Confined Space.

Hazard and Risk Assessments

Before using this equipment, the job you are doing must be assessed for foreseeable hazards and risks and appropriate measures to eliminate, control or reduce those risks must be taken before you commence work.

Suggested PPE (Personal Protective Equipment):



Protective Gloves



Protective Footwear



Hard Hats

Note: PPE must be suited to the risks and person(s) using the equipment.

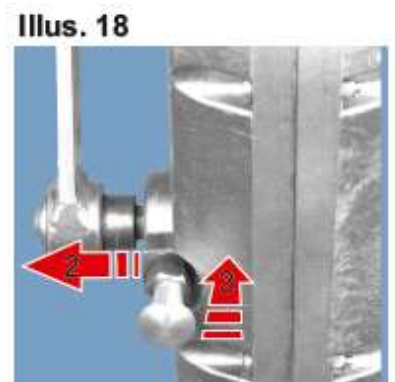
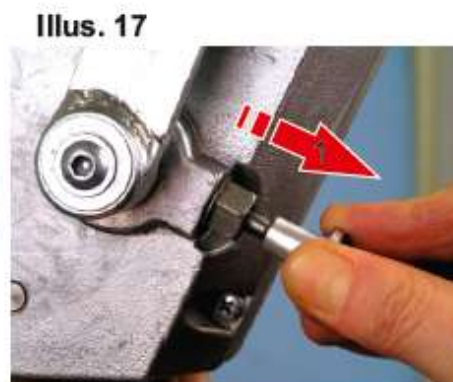
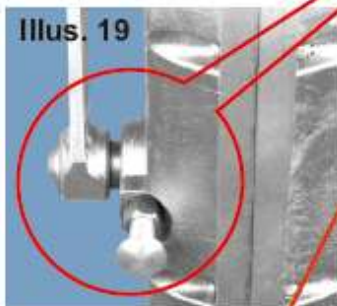
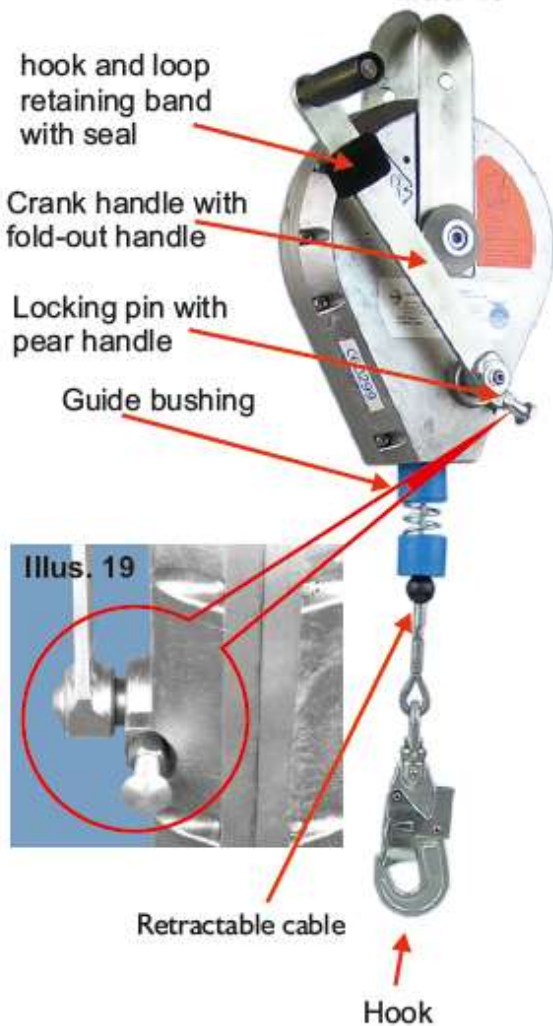
Safety Instructions:

- Operating Instructions** – Before using this equipment ensure you have read the 'Operating Instructions' and taken note of the 'Hazards and Risks' detailed on this instruction sheet and taken all necessary steps to prevent injury.
- Personal Protective Equipment** – Use appropriate personal protective equipment for the job plus gas detectors and escape rebreathers for confined space entry.
- Installation Advice** – The safe use and application of these this equipment must be in accordance with AS3610, the Occupational Health and Safety Act, approved Codes of Practice and any other regulatory requirements. Consultation with a competent person or qualified engineer is advised.



Function description for self-retracting lifelines with rescue lifting device through crank mechanism (type HRA) according to EN 1496:2007 - class B

Rescue application: Illus. 16



Required operations:

1. Open the sealed hook and loop retaining band, see illustration 16.
2. Unfold the crank handle, see illustration 16.
3. Pull out the locking pin with pear handle (see illustration 17) (action 1), until the crank handle axis (action 2) pops out audibly and visibly (illustration 18).
4. Rotate the crank handle back and forth until the gear has engaged. The locking pin jumps back into its initial position (action 3).
5. The "rescue function" of the HRA device is established.
6. The casualty can now be cranked up and down. Descending is only allowed to a maximum distance of 2 m.

Note: Devices with rescue hoisting crank may only be used with the corresponding holders (holding plates) for IKAR fastening facilities EN 795. After successfully using the rescue hoisting device, the HRA device must always be checked by an expert trained by the manufacturer.

Illustration 16 /19 shows the IKAR self-retracting lifeline HRA with crank position set to the "self-retracting lifeline" function!

Operating and Safety Instructions

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Warning

Activities using this type of equipment are inherently dangerous. These images illustrate only some of the possible correct and incorrect methods of use. It is impossible to cover every eventuality relating to the use of this equipment.

Seek professional training from a fully qualified and competent instructor prior to engaging in any activity. You are responsible for your own actions.

This equipment should not be used by persons with a medical condition(s) that may affect the safety of the user.

Inspection

Before each use, the user should inspect the tripod, during a check the user should inspect the tripod for:

- Damage to legs including distortion, missing pins, crushing and heat damage
- Pulleys and pins in tripod head are free from deformation, signs of visible damage and move freely.

Instructions

- Lay tripod on its side
- Extend each leg to required length and lock into position using detent pins attached to the leg of the tripod
- Stand the tripod
- Ensure the tripod is stable, if required adjust the tripod legs to ensure it is level
- Webbing leg restraint not required and not supplied with tripod
- Only extend leg to max indicator point shown on leg
- Marking Plate - Serial Number - YY/BBBB/XX (YY=Year, BBBB=Batch, XX= Unique Serial Number)
- WLL 360kg with a MBS of 3600kg (Safety Factor of 10:1)

This documentation should be issued with and kept for each item or system.



Operating and Safety Instructions

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Caution:

- Never exceed the rated load capacity
- Avoid shock loading, always lift gradually
- Always ensure the tripod is stable
- As with any lifting device a visual inspection is required prior to any lift, check for excessive wear.
- Do not use safety retrieval winch for materials
- Do not use if Karibiner shows 'Red Deployed' indicator (see below)



RISK ASSESSMENT (1 = HIGH RISK, 5 = LOW RISK)

| Risk (Ranking) | Description | Control |
|----------------|---|---|
| 1 | Installing Tripod on unstable/shifting ground, the Tripod could fall over | Always ensure feet are secure, use the spike heads on the feet and level the legs with the levelling pins |
| 3 | Cuts and grazes may occur from improper handling procedure. | Observe safety procedures, always wear correct PPE |
| 1 | Overloading Tripod causing collapse | Do not exceed the 350kg or 2 people working load limit |
| 2 | Dropping units trapping hands and feet, mishandling | Follow safety procedures, use PPE. Keep clear when moving |
| 1 | Falling | Use barriers or fencing to cordon off the area from non-essential personnel and the public |

CSE Accessory Box & Contents

