



USER INSTRUCTION MANUAL

DESCRIPTION: Ascend / Descend Device

MODEL: US-ABS-100

MEETS OSHA & ANSI Z359.1



1-800-850-5914
PHOENIX, AZ USA

WATCH VIDEO 12 ON ULTRASAFEUSA.COM

SAFELY TO THE GROUND

This ascend / descend device has an automatic speed regulation. The brake controlled by centrifugal forces keeps the speed of the device constant during the entire ascend / descend and enables a rapid and safe rescue. The device is also equipped with a rescue hoisting facility using a crank wheel and a reverse lock which can latch into place. As an additional safety feature a built in shock absorber is in place while unit is being used.

Product Features:

- High functional safety
- Innovative construction, corrosion-resistant
- Resistant to damp, heat & cold
- Integral rescue hoisting function using a crank wheel
- Reverse lock which can latch into place
- Integrated shock absorber
- Ascend / descend speed approx. 3' per second
- For ascend / descend heights up to 600'
- Maximum lifting height 250'
- Compact, stable size
- Extremely lightweight unit
- Does not cause undue wear or damage to the rope
- Tested for one person
- 2 1/4" Aluminum top swivel hook
- 1" Aluminum caribiner at bottom of each end
- 1 Carrying bag standard



Part #	Description	Weight
US-ABS-100	Standard length 100' <i>Note: Other lengths available</i>	15 lbs.

Application Areas for Ascend / Descend Device:

- Rescuing passengers from cable cars
- For driver cabs in cranes and shelf operating devices which do not have emergency descent exits
- For workplaces at altitude in the chemicals industry
- For working on high-voltage pylons
- On buildings (high-rise buildings) if a rescue is only possible via the facade due to fire
- On telecommunications towers and masts
- Wind turbine generators
- In the chemicals and petrochemical industry



CANTILEVER ARM

The Ultra-Safe cantilever arm has been specially developed for use with the Ultra-Safe height-safety device with rescue hoisting facility type HRA. It is available with ground and wall sleeve. The cantilever arm itself is mobile, i.e. it can be released from the sleeve very quickly and used at another location. The cantilever arm is designed in such a way that a load winch, can be mounted additionally to the height-safety device.

- Specially developed for stationary use in safety and rescue cases for two persons as well as for lifting and lowering loads.
- Variable fastenings via ground and wall sleeve.
- Removable extension arm, adjustable height.
- Suitable for fast relocation.
- Can be used with HRA rescue devices
- V2A stainless steel design.
- Stable thanks to solid construction, height quality,.
- Can be equipped with accessories.



Part #	Description	Weight
US-AASS-80	Stainless Steel Cantilever Arm - 80"	79.2 lbs.
US-41-57/1	Stainless Steel Ground Sleeve	26.4 lbs.
US-41-57/2	Stainless Steel Wall Sleeve	26.4 lbs.
US-41-54/AWS	Stainless Steel Mount for Material Winch	2.2 lbs.
US-A54/9.5-65	Stainless Steel Mount for Retrieval/Retractable	2.2 lbs.

