

ROLLGLISS® R520
RESCUE & ESCAPE DEVICE

WORLD'S FIRST CONVENTIONAL TWIN BRAKE RESCUE & ESCAPE DESCENDER. ULTRA COMPACT, LIGHTWEIGHT, SAFE.

1:1
ACTUAL
SIZE



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TWIN BRAKE RESCUE & ESCAPE DESCENDER. ULTRA COMPACT, LIGHTWEIGHT, SAFE.

DBI-SALA's Rollgliss R520 Rescue & Escape Device is part of a range of pre-engineered rescue and descent systems that can provide the perfect rescue/retrieval safety solution.

ROLLGLISS® R520 RESCUE & ESCAPE DEVICE



DBI-SALA's Rollgliss® R520 is a state of the art, easy-to-use fully automatic controlled descent device with a dual braking system that sets new standards in performance, rescue and safety. Unlike friction based descenders, it provides controlled descent self rescue regardless of the user's weight for the evacuation of multiple personnel, or the versatility of assisted rescue.

The Rollgliss® R520 Rescue & Escape device can be used from heights of up to 150m from elevated work platforms (EWP's), towers, cranes, buildings or other heights. Its compact size allows the unit to be attached to the rescue box of an EWP basket, crane housing or other suitable anchorage.

Each kit is available in a variety of lengths, configured with connecting hardware at each end of the lifeline and is pre-rigged and ready for use in the event of an emergency. To operate, the user connects the descender to an anchorage point, attaches the connector to their harness and lowers themselves to perform a hands free descent. The descent speed is automatically limited during the descent, adjusting to the user's body weight, allowing for a secure and effective escape within seconds.

The descender's configuration allows the device to operate in both directions - one end of the lifeline descends as the other ascends, readying the system for another rescue. During assisted-rescue scenarios, a fallen worker can be attached to the R520 device, raised to a point that allows their fall arrest device to be removed, then lowered to the ground safely.

The system is ideal for use in a number of industries including: utilities, construction & maintenance, fire & emergency services and general industry.



Rollgliss® R520 Rescue & Escape Device Kits:

3305001 5m system, including R520 twin brake descender, karabiner connector, kernmantle rope, attachment fittings and storage/deployment bag.

Also available: 5m increments up to 40m and then 10m increments to 100m.

3305020 5m retrofit system for use with Bucket Trucks, EWP's or Crane Housings, including R520 twin brake descender, hammerlock connector, kernmantle rope and attachment fittings.

Optional storage/deployment box with U bolt, tracer wire and R-clip available separately.

Also available: 5m increments up to 40m and then 10m increments to 100m.

Note: The DBI-SALA Rollgliss® R520 Rescue & Escape Device kits are available in numerous lengths and configurations. View our part number sheet for full product listings.

Specifications:

Weight (Approx): 3305001 - 2.8kg, 3305020 - 2.5kg. **Housing:** Aluminium alloy. **Rope Sheave:** Aluminium alloy. **Anchorage:** 304 stainless steel. **Gears/Shafts:** Plated alloy steel. **Fasteners:** Stainless Steel. **Bearings:** Sintered bearings. **Brake Shoes:** Steel. **Brake Pads:** Friction material. **Paint Finish:** Yellow polyester baked finish. **Rope Guide:** Aluminium. **Hammerlock:** Alloy steel, 2.0 tonne working load limit. **Snap Hook:** 9502116, 19mm gate opening, alloy steel, 23kN minimum breaking strength. **Karabiner:** R-113, 19mm gate opening, triple action, alloy steel, 41kN minimum breaking strength. **Rope:** 9mm polyamide static kernmantle rope with sewn ends and plastic thimbles. **Storage/deployment Box:** UV inhibited polypropylene plastic with Steel U bolt and tracer wire with R-clip. **Storage/Deployment Bag:** PVC/nylon with drawstring lock closure. **Maximum Rescue/Descent Height:** 150 metres. **Maximum Working Load:** 1 person, 150kg. **Capacity:** 1 person 50kg to 159kg. **Descent Speed:** 2-3 ft./second (0.6-0.9m/s). **Minimum Breaking Strength:** 15kN. Required **Anchor Strength:** 15kN. **Compatibility:** Designed for use with DBI-SALA approved components and systems, or as recommended by a competent person. **Standards:** OSHA, ANSI Z359.4-2007, EN341 NFPA 1983. **Country of Origin:** Australia. **Special Instructions/Conditions of Use:** Reading user instruction manual prior to use is essential.

FEATURES

- Compact, light and easy to carry
- Pre-rigged for quick and easy installation and use
- Twin brakes for added security, safety and peace of mind during descents
- Fully automatic controlled descent for ease of use and added safety
- Exposed pinion gear shaft ends provides visual evidence of brake viability
- Integral moulded rope control ears enable lock-off and descent control during assisted rescue
- Operates in each direction through the descender head allowing for the system to be ready for another rescue
- Optional deployment storage box also available designed for attachment to bucket trucks, EWP's or crane housings
- Durable, corrosion resistant construction for extended service life
- i-Safe™ enabled to track inspections, control inventory and manage information



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