

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600



Fall Protection

3M™ DBI-SALA®  
Rollgliss™ R550  
Rescue and Descent  
Device System.



**When every  
second counts,  
count on us!**

[www.3M.com/FallProtection](http://www.3M.com/FallProtection)





Fall Protection

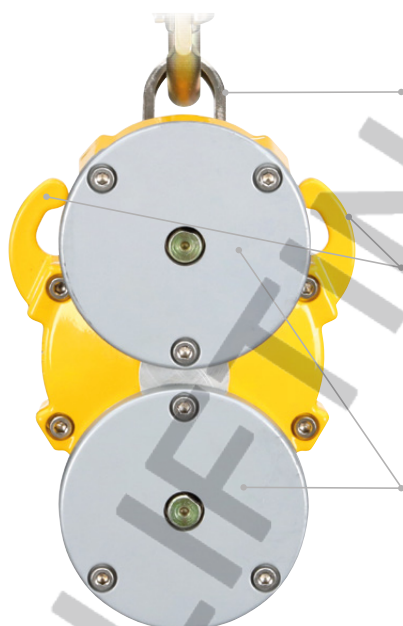
A simple rescue is a safe one. That's why we created the 3M™ DBI-SALA® Rollgliss™ R550 Rescue and Descent Device. Its lightweight and compact design offers the choice of rescue, evacuation, or the versatility of assisted rescue with lifting capabilities. From wind and telecoms towers, to cranes, buildings and more, count on the Rollgliss R550 for efficient, effective rescue when you need it most.



**Rescue Wheel**

Tough nylon makes the R550 rescue wheel lightweight and durable. Its ergonomic design provides a better grip and more control.

**Dual brakes.**



**Anchorage**

Used to anchor the device with either a carabiner or sling

**Integrated Rope Ears**

Allows for greater descent speed control in assisted rescues

**Dual Brakes**

Automatic descent with added security, safety and peace of mind

**Optional rescue wheel**

Allows to perform not only evacuation but also rescue

**Cast aluminum housing**

Lightweight and extremely durable cast housing

**Bi-directional hub**

Rope descends from either side which brings one hook up as the other goes down, allowing for immediate use after each descent

**Optional ladder bracket**

Sold separately (3320014)

**Optional bracket**

Allows quick and easy connection to the ladder rung in order to optimise effectiveness of the rescue

**Rope**

9.6 mm static kernmantle rope

**Steel snap hooks**

19 mm gate opening - 3,600 lb (16 kN) gate strength

**Multiple length options**

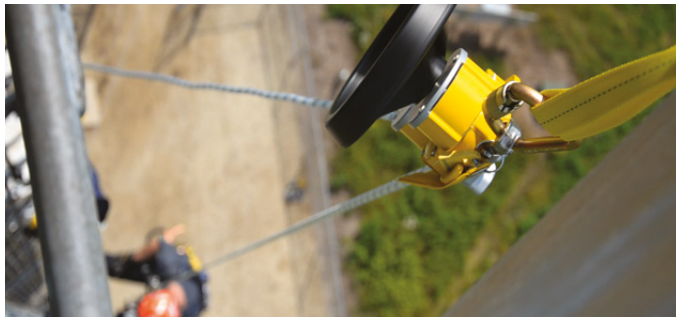
Lengths from 10 to 200 m for 2 persons and from 10 to 500m for 1 person



Protruding 10 mm diameter shaft on the hub is used as a drill adaptor. Connect the Power Drill to help control the pace and / or raise the fall victim. Min advised torque : 45 N.m. Min rotating speed : 0-300 turns/min

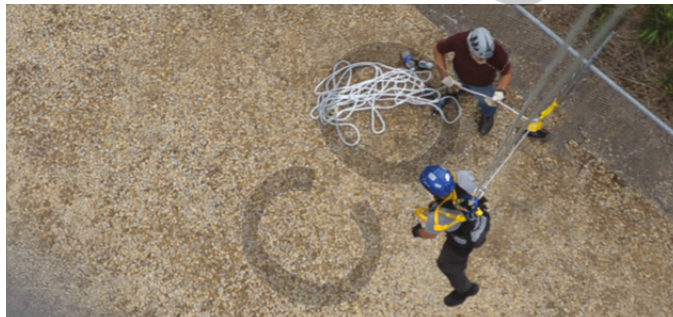
# One unit. Many possibilities.

Always refer to user manual and seek proper training before attempting rescue and descent options.



## Emergency escape

Use the Rollgliss™ R550 as an escape device when it is imperative to get to the ground as quickly as possible.



## Assisted rescue

Attach the Rollgliss™ R550 to the top of the wind turbine and lower the hook end to the victim and lower them to the ground.



## Assisted rescue pick-off

Use the Rollgliss™ R550 for an assisted pick-off rescue when a victim is unable to get to safety alone. Lower to the victim and hook up to them and use the device to descend to safety.



## Custom rescue Dual brakes.

The Rollgliss™ R550 can be used in many custom rescue situations. Use the system to repel down the structure to safety.

## Specifications:

### Certification

- CE
- EN341:2011/A
- EN1496:2017/Class B

### Descent speed

- 0.5 m/s to 2.0 m/s

### Minimum breaking strength

- 15 kN

### Capacity

- 59-200 kg EN341
- 59-280 kg according to additional tests
- 30-200 kg EN1496
- 30-280 kg according to additional tests

### Material

- Main unit: aluminium alloy and stainless steel
- Rope: 9.6 mm kernmantle polyamide, EN1891:1998 - Type A
- Snap hooks: plated steel

SPECIFICATIONS - DESCENTS according to EN341:2011					
Max. descents	Max. users	Max. Load (kg)	Min. Load (kg)	Max. single use (m)	Max. total use (m)
Multiple	1	75	59	500	10000
Multiple	1	100	59	500	7500
Multiple	1	140	59	500	5500
Multiple	2	200	59	250	750
SPECIFICATIONS - DESCENTS based on additional test					
Single	2	280	59	200	200

## Escape Units.

	Length (m)	Weight (kg)
3335010	10	3.0
3335020	20	3.7
3335030	30	4.3
3335040	40	5.0
3335050	50	5.7
3335060	60	6.3
3335070	70	7.0
3335080	80	7.7
3335090	90	8.3
3335100	100	9.0
3335110	110	9.7
3335120	120	10.3
3335130	130	11.0
3335140	140	11.7
3335150	150	12.4
3335175	175	14.0
3335200	200	15.6
3335225	225	17.3
3335250	250	19.0
3335275	275	20.7
3335300	300	22.3

Longer lengths up to 500 m : contact us



## Rescue Units.

	Length (m)	Weight (kg)
3336010	10	4.4
3336020	20	5.1
3336030	30	5.8
3336040	40	6.4
3336050	50	7.1
3336060	60	7.8
3336070	70	8.4
3336080	80	9.1
3336090	90	9.6
3336100	100	9.9
3336110	110	11.2
3336120	120	11.9
3336130	130	12.6
3336140	140	13.3
3336150	150	13.9
3336175	175	15.6
3336200	200	17.3
3336225	225	18.9
3336250	250	20.6
3336275	275	22.3
3336300	300	23.9

Longer lengths up to 500 m : contact us



## Optional accessories.

Description		Quantity advised	Item
Carrying Bag <sup>1</sup>	9506162 (<=115 m) 9506163 (>115 m)	1	A
Ladder bracket <sup>2</sup>	3320014	1	B
Edge Protector	3320046	1	C
Pulley	AG570	1	D
Rope Grab	5000033	1	E
Karabiner <sup>3</sup>	2000112	4	F
1.50 m anchoring sling	AM450/150	2	G
0.80 m anchoring sling	AM450/80	1	H
Sealed box <sup>4</sup>	9508289	1	I

- One Carrying Bag is included with each R550 unit.
- R550 mounted with ladder bracket still require that the unit be secured by the anchorage handle to an anchorage of sufficient strength.
- One 2000112 karabiner is included in each R550 unit.
- Sealed box (63x50x35 cm, 7 kg) allows R550 unit up to 150 m length.



### Important notice

**Product Selection and Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable national and/or European regulations and standards. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Warranty, Limited Remedy, and Disclaimer:** A limitation of liability applies to the 3M product(s). For warranty statement and limitation of liability, refer to your supply agreement or the 3M terms & conditions of sale.

3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use.

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