



R-ALF™ (Two-way Locking)

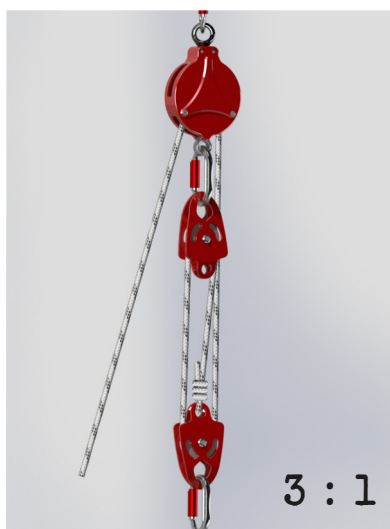


The Rescue ALF (R-ALF™) is an auto-locking pulley which incorporates an integral over-speed braking system and can be used for pick-off rescues and load hauling, safe in the knowledge that should the user ever accidentally lose control, the device will automatically lock up to prevent a free-fall. The auto-locking function of the R-ALF offers a simple and effective rescue plan solution (even for users who are not highly trained/expert), which is suitable for use in the vast majority of locations/workplaces.

The device has been designed to work with approved 11mm (7/16th) Kernmantle rope and the system is fully compliant with the requirements of ANSI Z359.4. In the absence of a specific EN standard, the R-ALF has been CE approved in line with the PPE Directive (having been tested to parts of EN360, EN1496 and EN12278). The R-ALF offers a WLL of up to 250kg (550lbs). The braking system has been life tested over several thousand cycles and therefore (unlike a Fall Arrest Block/SRL) it does not need to be serviced/repaired after every fall arrest, but should be regularly inspected by a trained/authorised person.

Options & Applications

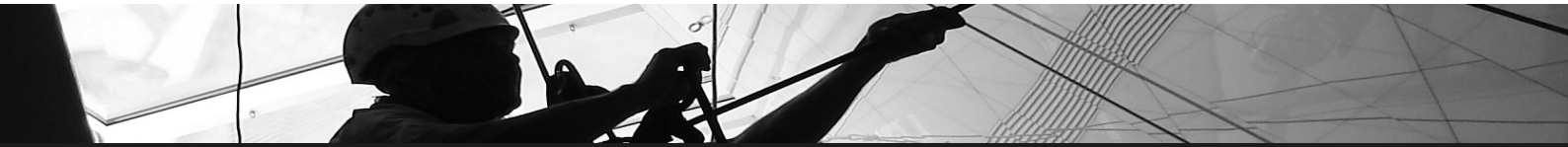
The R-ALF can be supplied as an out-of-the-bag, assembled and ready to use rescue solution. Alternatively the R-ALF can be supplied as a stand-alone device, which can then be configured as required, by a competent rescuer. Inserting rope in to the R-ALF is quick and simple and as the R-ALF™ device locks in both directions, the device can be roped from either direction.



The R-ALF can be used/supplied in a range of configurations, up to a maximum 35m (approx 114ft) height of lift. The 3:1 R-ALF system is a light and compact solution, best suited to shorter pick-off rescues.



The 5:1 R-ALF system provides greater mechanical advantage and therefore is suited to rescue hauling or even self-positioning/work-suspension use, such as in confined space working or window cleaning.



LH-ALF™ (One-Way Locking)



The new LH-ALF™ has brake-pawls on one side only which means that there is no restriction on hauling speed/movement (on a normal, two-way locking R-ALF™ device, unintentional locking can occur when hauling too quickly). The one-way locking LH-ALF™ is therefore ideal in a setting where a user needs to haul quickly, such as when unloading materials from a supply vessel at an offshore wind turbine.



The LH-ALF™ is available for materials handling only. As the LH-ALF version does not have the bi-directional braking system, this version is not recommended for use with people.

LH-ALF, Gwynt Y Mor Wind Farm, North Wales Coast

Standard Kit Contents

Components	2 : 1 Kit	3 : 1 Kit	5 : 1 Kit
R-ALF Hauler (2 -way Locking)	0	1	1
LH-ALF Hauler (1-way Locking)	1	0	0
Atlas Scaffold Anchor Connector	1	1	1
Medium Single Prussik (No Becket)	1	0	0
Medium Single Prussik (Becket)	0	2	0
Medium Double Prussik (Becket)	0	0	2
Professional Hand Ascender	0	1	1
Aluminium Oval Karabiner (Supersafe)	2	2	2

The above kits are supplied with Rope to allow for 10m /32ft Height of Lift (other HOL available), Ropebag & Instructions

Technical Information

Code	Type	Weight		MBS	
		(g)	(oz)	(kN)	(lbf)
RP431	R-ALF (WLL 250kg/550lb)	1243	44	-	-
RP064	Double Prussik	526	19	50	11240
RP065	Single Prussik	235	8	50	11240
2 : 1 LH-ALF Kit (Other Heights of Lift available on request)					
KT433A1-010	10m H.o.L. (one-way locking -for Material Handling only)				
3 : 1 R-ALF Kit (Other Heights of Lift available on request)					
KT431A2-010	10m Height of Lift (two-way locking)				
5 : 1 R-ALF Kit (Other Heights of Lift available on request)					
KT431A1-010	10m Height of Lift (two-way locking)				