

TECHNICAL DATA SHEET

RALF

TDS162



RALF

RALF (Rescue Auto Locking Fall Arrest System pulley) can be set up with a combination of prussik pulleys to create a 3:1 or 5:1 mechanical advantage with virtually any length of rope to create a simple hauling system for one or two person loads. If at any point during lifting or lowering the user loses control the overspeed brake will lock, arresting a fall within inches. The locking mechanism is not set up to be a one-use system and therefore does not have to be serviced after every fall arrest, however a thorough inspection of the rope and device will be required as well as a six-monthly thorough inspection and whatever replacement parts are required at that time.



product features

- ▶ Lightweight and compact
- ▶ 3:1 or 5:1 ratio options
- ▶ Overspeed brake
- ▶ Easy to use
- ▶ Dimensions: head only 100mm x 90mm x 70mm
- ▶ Capacity: no limit to ultimate system length
- ▶ Arrest force: Max 6kN
- ▶ Max user weight: 250kg EN 250kg ANSI

principal materials

- ▶ Heat treated, anodised aluminium and stainless steel
- ▶ 11mm low stretch kernmantle polyamide rope

standards

- ▶ ANSI Z359-4:2007 250kg
- ▶ EN 1891-A rated rope only

ordering information

Part No.	Description	Weight
▶ RALF-XXM	Rescue Auto Locking Fall Arrest System Pulley	2.2kg (pulley only)



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