



# PRESENTS

## RONIN MR400 PRO KIT

ART. NR. 40003

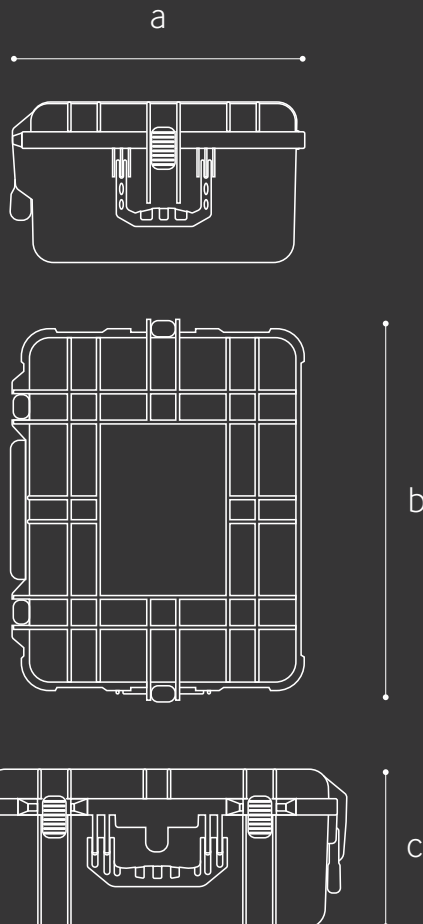
Mr Ronin's own Pro Kit.

For this you only have to bring your own PPE and the rope to be used. The kit has been composed for professionals and is perfect for police, rescue service, defence forces and other who need everything gathered in one place.

The bag contains 2 batteries which gives in all 500 m climbing/winning/lifting of 91 kg. A Pro Kit is as suitable in a shaky emergency vehicle as on a shelf in a heated storeroom.

### PRODUCT LIST:

- 1 pcs Hard case with wheels and extensible handle
- 1 pcs MR400 Ascender
- 2 pcs Batteries
- 1 pcs Battery Charger
- 1 pcs Petzl ASAP w ASAP'SORBER AXESS Kit
- 2 pcs Carabiners on the AXESS Kit
- 4 pcs Carabiners
- 1 pcs ERIGG Distance 25cm (9.8 in) (Riggplate, Sling, Carabin)
- 1 pcs Rope brush
- 1 pcs User's manual in the lid of the case
- 1 pcs Hard case with wheels and extensible handle



## MEASURE

a:	450 mm (17.7 in)
b:	585 mm (23 in)
c:	265 mm (10,4 in)
Weight complete kit:	25 kg (55 lbs)
Strengths:	Robust, Gas- and water proof (IP 68).

## DESCRIPTION

Professional equipment packed in a smart and hard-wearing case which lets you take with you everything you need. Especially useful in difficult areas or at disasters.

A good back-up when something unexpected happens and personnel must perform advanced work at short notice.

The machine is the lightest on the market. It weighs only 11 kg with battery. It works at its best with ropes with 2-3 % elasticity. It is quick and flexible to use. The batteries are changed easily and safely also when used at a height.

The ascender can handle ropes with a diameter of 10-13 mm and is certified for a maximum weight of 400 lbs/181 kg, but with the right rope it can lift 250 kg e.g. in a rescue situation. As a safety measure, there is an automatic overheating device which stops the motor if it is overheated. After a short rest it can be run again. We recommend, however, that during regular conditions, you work in accordance with the certification of the ascender – maximum 400 lbs/181 kg – so as not to damage it.

The throttle lever for going up or down, a continuous scroll switch, is adjusted with your thumb. Controlled lowering without the help of the motor can be done manually with a mechanical friction brake.

A Ronin ascender grabs hold of the rope through letting it be wound 2,5 times around a driving axis. This means that a Ronin ascender can lift more weight than others throughout time when using muddy ropes. Other ascenders grab rope with the help of blade wheels. It is not unusual that ropes full of e.g. concrete dust, wear these blade wheels down, which results in high costs for service and spare parts. Those using a Ronin ascender will not have to experience that.

(Mr Ronin has a fixed price for service on the ascender. A complete going-over and exchange of all worn parts are included).

### ROPES TO BE USED IN THE ASCENDER:

EN 1891 and EN 564

Aramid or core jacket ropes

2-3 % elasticity is recommender (the lower the better)

As the rope passes through the ascender with its end at start-up there are certain demands. The end of the rope should be rounded and without shrink-wrap marking or tape. The end of the rope should be similar to a tip of an index finger.

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- 1 pcs User's manual in the lid of the case
- 1 pcs Hard case with wheels and extensible handle.





## SPECIFICATIONS

### METRIC SYSTEM:

Rope Diameters:	10 – 13 mm
Rope Type:	Aramid or Kernmantle Sheath
Ropes Specs:	EN1891 or EN564
Rope Elongation (elasticet):	2 - 3,3%
Ascender Capacity:	181 kg * (250 kg)
*	In an emergency rescue situation.
Ascent Speed:	Variable 0.3 – 0.75 m/s
Descent Method:	Gravity Feed with manual brake
Descent Speed:	2.4 m/sec max (Q 181 kg)
Weight Lift:	9 kg
Ingress Protection (IP):	IP54
Product Approvals:	CE and ANSI
Battery Weight:	2.9 kg
Battery Re-Charge time:	2.5 hour
Operating Temp:	-15 C - 57 C
Weight complete kit:	25 kg
Battery Life Ascent Temp Range 20C - 40C	
(91 kg)	259 m
(181 kg)	137 m
Battery Life Ascent Temp Range 0C - 20C	
(91 kg)	152 m
(181 kg)	76 m
Battery Life Ascent Temp Range -20C - 0C	
(91 kg)	76 m
(181 kg)	54 m
Petzl ASAP Lock w AXESS Absorber Kit	40 cm
Edelweiss GUARD-O SL	Aluminum
Distans ERIGG	25 cm

### IMPERIAL SYSTEM:

Rope Diameters:	10 – 13 mm
Rope Type:	Aramid or Kernmantle Sheath
Ropes Specs:	EN1891 or EN564
Rope Elongation (elasticet):	2 - 3,3%
Ascender Capacity:	400 lbs * (551 lbs)
*	In an emergency rescue situation.
Ascent Speed:	Variable (1.0 – 2.5 ft./sec)
Descent Method:	Gravity Feed with manual brake
Descent Speed:	8.0 ft./sec max (Q 400 lbs)
Weight Lift:	19.8 lbs
Ingress Protection (IP):	IP54
Product Approvals:	CE and ANSI
Battery Weight:	6.5 lbs
Battery Re-Charge time:	2.5 hour
Operating Temp:	5 F - 135 F
Weight complete kit:	55 lbs
Battery Life Ascent Temp Range 68F - 104F	
(200 lbs)	849 ft
(400 lbs)	449 ft
Battery Life Ascent Temp Range 32F - 68F	
(200 lbs)	498 ft
(400 lbs)	249 ft
Battery Life Ascent Temp Range -4F - 32F	
(200 lbs)	249 ft
(400 lbs)	177 ft
Petzl ASAP Lock w AXESS Absorber Kit	15,7 in
Edelweiss GUARD-O SL	Aluminium
Distans ERIGG	9,8 in

## PRODUCT IMAGES



## CONTACT

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