

TECHNICAL DATA SHEET

MAX150 DESCENDER

TDS206



MAX150 Descender Range Technical Data Sheet

MAX Descender Range

The MAX Descender is the most versatile constant rate descender on the market today and is packed full of innovative features. Models are available for both automatic hands free operation and multiple descent models with advanced rescue functionality, as well as power assisted option (separate Checkmate approved drill required).

MAX-150 models are single user devices, with a maximum all up user weight of 330lbs(150kg). The device is designed to be used attached to the anchor point in regular mode of operation, or in an inverted mode, attached to the user and/or casualty. The device is completely symmetrical, allowing full use of all functions regardless of the direction the MAX is running. This also gives full functionality for each multiple descent or rescue.



Model shown: MAX150PR



Model shown: MAX-150



Rope lock off

Non-mechanical lock off forms part of the housing on both sides of the device, and are also changeable at time of service.



Integrated rope guides

Machined in guides add varying levels of friction as necessary for operator controlled descent. (MAX-R/PR only)



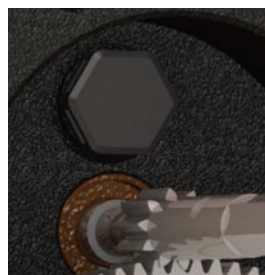
Stainless steel wear points

Low-wear guides on main wear points enhances the life of the device, and are also changeable at time of service.



Sealed brake chamber

The sealed brake chamber with a breathable vent allows air to enter and cool the brake whilst stopping moisture from entering.



GORE protective vent

The integrated GORE vent prevents the ingress of moisture, particulates and other contaminants whilst allowing the brake to breathe and vent heat.



Captive fittings available

MAX top anchorage enables fast change out of captive top connectors at time of service.



Raising mechanism for rescue

The R/PR models have a rotating wheel handle for raising a casualty a short distance as part of a rescue.

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ISSUE 02

ordering information

Part No.	Description	Weight (exc. rope)
▼ MAX-150	MAX descender - 150kg/330lbs - descent only	2.4kg/5.3lbs
▼ MAX-150R	MAX descender - 150kg/330lbs - descent and rescue	3.0kg/6.6lbs
▼ MAX-150PR	MAX descender - 150kg/330lbs - descent and power assisted rescue	3.0kg/6.6lbs

Revolving handle for rescue

Rotating wheel for raising a casualty a short distance during a rescue.

Heat dissipating fins

Cooling fins are an integral part of the housing and remove heat built up during a descent.

Anchorage connection point

As standard comes with steel twist lock karabiner. Also available without connector for use with standard karabiners, or with a range of alternative fittings to suit specific environments.

Lock-off points

Non-mechanical integrated lock-off point (both sides) for use during remote or direct rescue.

Rope friction points

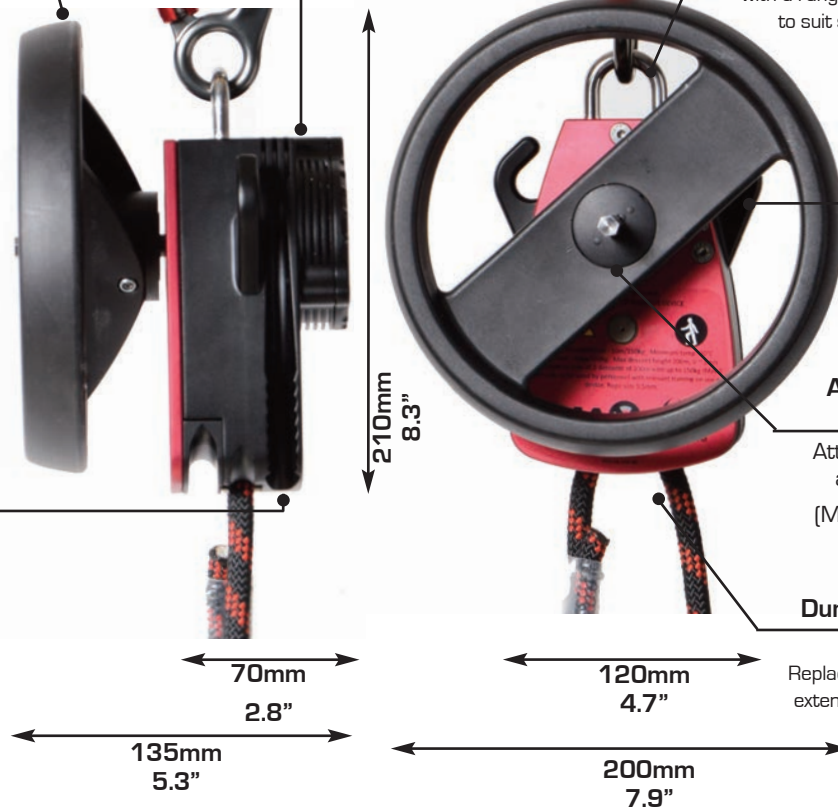
For operator controlled descents (both sides).

Assisted recovery attachment

Attachment for power assisted recoveries. (MAX-PR models only)

Durable wear points

Replaceable wear points for extended life and increased durability.



product features

- ▼ **Anchorage Connection**
Steel twist lock captive karabiner as standard. Other connectors available
- ▼ **Rope**
0.37"/9.5mm EN1891 Class A (150 models)
- ▼ **Descent Height**
Max 200 metres/656 feet
- ▼ **Descent Energy**
Class A (7.5 x 10⁶J)
- ▼ **User Weight**
Single user - Total 150kg/330lbs (150 models)

principal materials

- ▼ **Body, Plates and Pulley**
Aerospace grade hard anodised aluminium
- ▼ **Handle**
Polypropylene based technopolymer
- ▼ **Rope**
Polyamide kernmantle rope
- ▼ **Rope Guides and Anchorage Connection**
316 stainless steel

standards

- ▼ EN341:2011/1A
- ▼ EN1496:2006 Class A
- ▼ ANSI Z359.4 2013
- ▼ OSHA 1926 Subpart M



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