

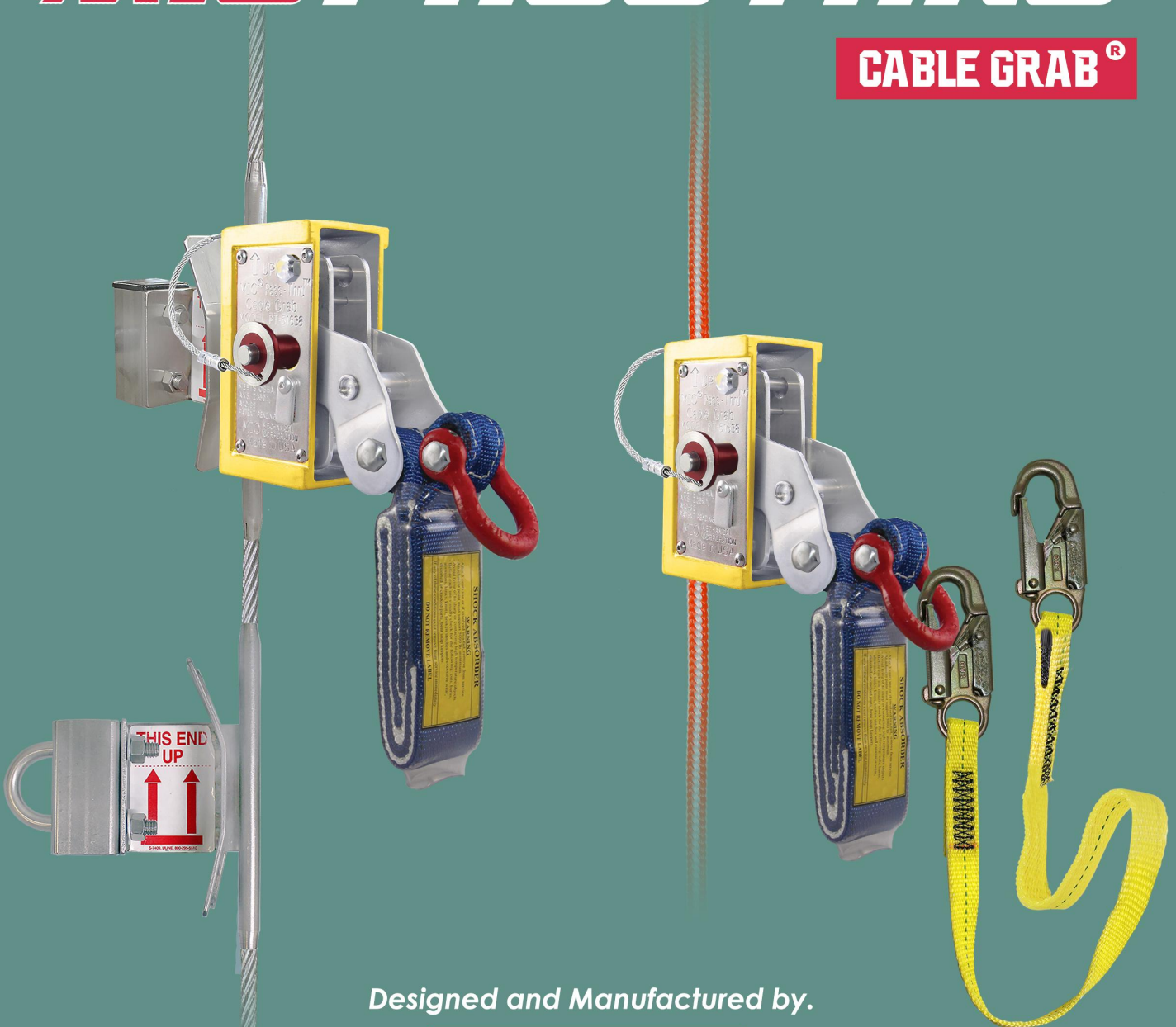


MIO MECHANICAL CORP.

manufacturing company.

***MIO* PASS THRU**

CABLE GRAB[®]



Designed and Manufactured by.

MIO MECHANICAL CORP.

2020 Bennett Rd. Philadelphia PA, USA 19116 | **Phone:** 215-676-7828 | **Fax:** 215-676-5199

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OVERVIEW:

MIO Pass Thru Cable Grab is a fall arrest device designed as a part of vertical fall protection system. This device works on both cable and rope lifeline in cable grab and rope grab modes respectively. On cable lifeline the device will automatically pass the specifically constructed intermediate cable guides without any help required from worker and will lock immediately in the event of a fall. Intermediate cable guides are designed to keep cable lifeline stable on a climbing structure and to protect the lifeline from wear under rough conditions.

The device can be switched from cable lifeline to rope lifeline and will continue to provide fall protection in rope grab mode. This feature is most applicable on high rise structures such as towers where the climber is likely to have both cable and rope lifelines in place. MIO Pass Thru Cable Grab is made of stainless steel. The construction is highly durable and corrosion resistant. MIO Pass Thru Cable Grab designed and manufactured by MIO Mechanical Corporation in USA.

INDUSTRIAL APPLICATION:

Silos | Wind Energy | Communication Towers | Chimney Stacks | Power Transmission Towers | General Industry | Petrochemical Plants | Drilling Platforms | Water Tanks/Towers | Etc.



TECHNICAL SPECIFICATIONS:

- Automatic passage through intermediate cable guides
- Designed for 5/16" - 3/8" dia. cable lifeline
- Rope Grab Mode designed for 1/2" dia. New England Braided Safety Blue rope
- MIO shock absorber limits the arrest force to minimum.
- Built-in protection against erroneous installation
- Stainless steel construction
- Meets OSHA, ANSI Z359.14, A10-32
- Designed and manufactured by MIO Mechanical Corp.

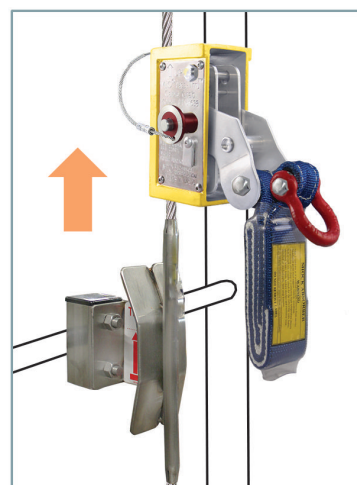
PATENT PENDING



Carabiner Connector



Hook Connector



Cable Grab Mode



Rope Grab Mode

APPLICATION EXAMPLES:



Fig. 1:
MIO Pass Thru
Cable Grab
Model: PT-51638



Fig. 3:
Example of body harness
to be used with MIO Pass Thru
Cable Grab in tower applications.



Fig. 2:
MIO Pass Thru Cable Grab
Mode: Cable Grab

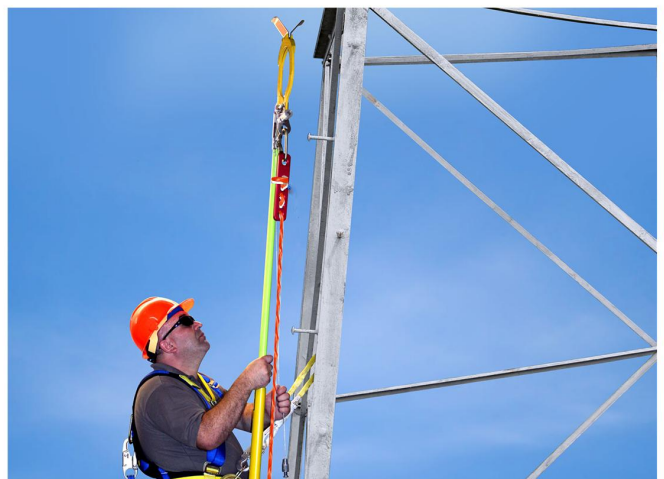


Fig. 5:
MIO Pass Thru Cable Grab
Modes: Cable and Rope Grab.



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