



# Technology Corner Profile

Low productivity and a low digitization rate have sparked an influx of new technology being developed, which has the potential to make a profound impact on the risks involved on construction projects and within asset management such as safety risk and design risk. Aon understands that this trend may be of interest to our clients and has created the Technology Corner to profile different construction technology and asset management companies. Each profile gives an overview of the technology, addresses its risk treatment potential, and identifies what insurance policies its implementation could impact. Our goal is multi-faceted to raise awareness about leading construction and asset management technologies that could help reduce risk on site for the purposes of educating our clients and the insurance markets.

## Product Description

Material Unit Lift Enhancer (MULE) is a lift assist device designed for handling and articulating material into place weighing up to 135 lbs. on a construction site. MULE attachments can be designed for many construction applications, making it very versatile. MULE allows the material to feel weightless, reduces fatigue and injuries, and can increase productivity by 50% to 400% or more. Benefits Include:



Health

MULE Eliminates the fatigue and physical wear and tear associated with repetitive heavy lifting and twisting that results in injuries and shortened careers.



Quality

MULE improves wall quality as the mason can take the time to verify a quality block or stone placement with reduced fatigue.



Safety

MULE eliminates the hazards of lifting heavy loads. MULE's controls and gripper are designed to hold the load if power and air are lost.

## Risks Treated

Key risks mitigated by MULE include:



**Construction Robotics**  
Advancing Construction

### Company Profile

#### Construction Robotics LLC

Canning Parkway,  
Victor, NY 14564

#### CEO/Founder:

President and Co-Founder Scott  
Peters / Chairman and Co-Founder  
Nate Podkaminer

#### Category:

(IoT/Wireless Sensors, Smart Wearables,  
Augmented Reality, Robotics, Artificial  
Intelligence, Remote Connectivity,  
Scanning/Reality Capture, Virtual  
Reality, Worker Augmentation, Additive/  
Subtractive Manufacturing): Robotics,  
Worker Augmentation

#### Website:

<http://construction-robotics.com>

#### Location:

(e.g. US, North America, Global etc)

**Aon**  
Empower Results®

## Impacted Insurance Policies

Insurance policies that will be positively impacted by MULE

- ▶ Wrap-up / Workers Compensation / Employer Liability
- ▶ Construction All Risk / Builder's Risk
- ▶ Defect Insurances

MULE can also speed the recovery of an injured worker allowing them to move or install material as light duty work. This can reduce or eliminate time off and allow the worker to be productive instead of on a disability schedule. Construction worker careers can be extended by years when they have assist tools such as the MULE to reduce and eliminate strains and injuries.

## Comments from the Founder

"Construction Robotics is dedicated to developing affordable, leading-edge robotics and automation software and equipment for the construction industry. The MULE has almost unlimited opportunities to be adapted for a wide range of construction material installation, increasing productivity while reducing injuries". - **Scott Peters, President and Co-Founder**

---

**We're here to  
empower results**

**David Bowcott CRM**  
Global Director,  
Growth, Innovation & Insight  
Global Construction &  
Infrastructure Group  
+1.416.868.5909  
david.bowcott@aon.ca

**aon.com**

©2018 Aon Reed Stenhouse Inc. All rights reserved.

Aon has not verified, and accepts no responsibility for, the accuracy or reliability of this third party or its services. Aon does not accept any liability arising from any party's use of services provided by this third party. The information contained herein and the statements expressed are of a general nature and may not apply to particular factual or legal circumstances. The materials do not constitute legal advice or opinions and should not be relied upon as such. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

**AON**  
Empower Results®