

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

The Semi-Automated Mason (SAM)100 System is a mason's tool for installation of veneer brick and for constructing brick panels. SAM100 is currently placing veneer bricks at a pace of 300 to 400 bricks per hour on walls compared to 300 to 600 per day for a typical mason in the US. Benefits Include:



SAM100 does 90%+ of the repetitive lifting, buttering the mortar and placing brick in the wall, increasing productivity, while reducing wear and tear on masons.



While SAM100 is measuring, mortaring and placing bricks with high precision using a laser equivalent, the mason operating SAM100 works alongside, ensuring wall quality.



Clutter, flying brick chips and tripping hazards on the scaffold are reduced and there are fewer opportunities for injuries achieving higher productivity with automation assistance.

Risks Treated

Key risks mitigated by SAM100 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:

Robotics, Remote Connectivity,
Worker Augmentation

Website:

<http://construction-robotics.com>

Location:

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

Impacted Insurance Policies

Insurance policies that will be positively impacted by SAM100

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

Comments from the Founder

"Construction Robotics is dedicated to developing affordable, leading-edge robotics and automation software and equipment for the construction industry. The SAM100 technology enables the mason to be more productive, while reducing the strains and injuries that can shorten their careers. SAM100 brings speed and quality while reducing injuries."

- Scott Peters, President and Co-Founder

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empower results**

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