What is SAM?
SAM, short for Semi-Automated Mason, is a brick-laying robot designed and engineered by Construction Robotics. SAM100 is the first commercially available system and is the culmination of over 7 years of research, development, engineering, testing, field testing, and then even more engineering. SAM100 is built for the construction site, ready to work as a highly productive part of your team.

Safe to work with
SAM is designed to meet all robotic industry and construction industry safety standards. Designed to work along-side the mason, SAM allows easy interaction and will even let you know if you are in the way.

Semi-Automated Mason

- Onboard propane generator for a quieter work environment
- Fork pockets for loading and unloading
- Ergonomically located brick feed
- Weather resistant and hardened for tough environments
- Powerful and strong LED lights illuminate working area
- Warning lights and alarms for real-time system status and safety
- E-stops, bumpers, sensors and other safety features make SAM easy and SAFE to work with
- Modular track for easy transportation and installation
- Industry leading Staubli robot
- Guard doors pause the robot allowing a worker to easily enter SAM's workspace if needed
- Self-contained and lightweight for ease of transport
Construction Robotics was established in 2007 with the mission to advance construction using robotics, automation and manufacturing principles. Just as robotics and automation are commonly found in factories today, we believe they will become standard on construction sites in the future and Construction Robotics will lead the way.