

Boost Productivity. Reduce Injuries. Improve Quality. Defy Gravity.

- ★ Requires no power and minimal energy.
- ★ Seamless integration into work environments using various mounting configurations.
- ★ Easy to set up. Intuitive to use.
- ★ Work longer with less fatigue.
- ★ Lift payloads safely.
- ★ Have more energy at the end of the day.



Experience Weightless Tool Operation with zeroG

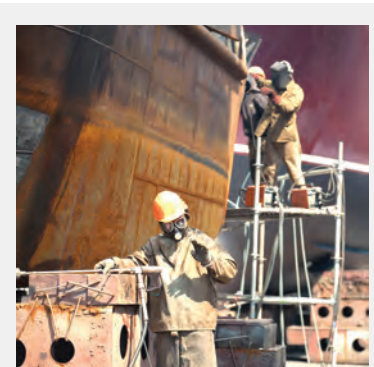
Equipois patented award winning zeroG[®] technology allows operators to hold tools, parts, and other payloads and operate as if weightless, without the use of energy and with complete freedom of motion.

Enhance productivity and quality by greatly reducing worker fatigue, while eliminating the most common cause of shoulder, arm and back injuries due to overexertion and stress. zeroG[®] technology is utilized in virtually all manufacturing environments, and named a best practice by some of the top manufacturers in the world in industries including Aerospace, Foundry, Metal Fabrication, Heavy Equipment, Automotive and Government.

Case studies are available demonstrating specific applications with ROI averaging 100% and up to 500% in many cases with payback of less than a year.

Applications

Fixture Drilling, Component Grinding, Fastening, Sanding, Free Hand Drilling, Metal Finishing, Riveting, Cutting and more...



Aerospace

Metal Fabrication

Foundry & Mining

Heavy Equipment

Ship Building

Automotive



zeroG[®] Technical Product Specification Summary

	zeroG ²	zeroG ⁴
Primary Work Envelope:	Vertical Range 29", horizontal Range 29" & 130° up/down sweep; does not include reach provided by end effector or mounting block.	Vertical Range 32", horizontal reach 34" & 130° up/down sweep; does not include reach provided by end effector or mounting configuration.
Secondary Work Envelope:	Unlimited; provided by auxiliary stands and mounts.	
Lift Capacity:	Payloads ranging from 3-10 lbs.	Basic range 8-36 lbs. Configurable for additional weight. Call for information.
Primary Arm Weight:	Approx. 7 lbs; exclusive of end effectors.	Approx. 14 lbs; exclusive of end effectors.
Payload/Lift Control:	Single-axis lift adjustment for easy change-over to different payloads.	
Spring:	Proprietary – Zinc plated, corrosion resistant, cycle tested SMI certified spring.	
Lateral Arm Control:	Elastic return with configurable user response to provide more or less dynamic movement.	
Arm Mounting:	2-axis, quick adjust for tilt and roll or fixed mounting interface; allows interface to almost any existing structure including overhead rail and jib systems.	
Chassis:	6063-T6 Aluminum.	5052 Aluminum.
Machined Parts:	7075-T6 Aluminum.	300 Series Stainless Steel.
Options:	<ul style="list-style-type: none"> • Various gimbal types to mount different tools and components. • Configurable Docking Kit to lock arm or tool in place when not in use. • Standard mobile stands and gantry mounts to facilitate easy set-up. • Silicone & polypro Covers to protect the arm in challenging environments. 	