

zeroG[™] arm

The exertion required to fight gravity costs manufacturers billions of dollars in lost productivity, injuries, medical bills and insurance.

Now you can fight back.

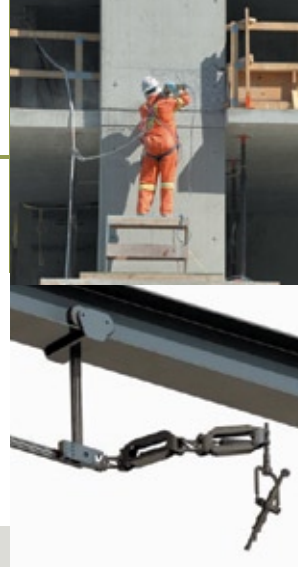
See how a gravity-free workplace can transform your business.

The Equipois zeroG[™] arm is a patented technology that allows heavy tools to be maneuvered as if weightless throughout the range of motion of the human arm. Durable, intuitive to use, and deployable in a wide range of environments and configurations, the zeroG[™] arm offers a new powerful weapon in the fight against workplace injury and inefficiency.

- Effortless freedom of motion
- User-controlled lifting power
- Built-in torque resistance
- Mobile, fixed and user-mounted configurations
- Fits space-constrained or unique industrial environments
- Ideal for torque-wrenches, nut-runners, squeezers, grinders, sanders and a wide range of industrial tools from 8 to 30+ lbs. (*configurable to hold additional weight - call for information*)

equipois
DEFY GRAVITY[™]

Equipois Inc. 866.601.2070 www.equipoisinc.com info@equipoisinc.com



Technical Product Specification Summary

Primary Work Envelope:	Vertical reach 32", horizontal reach 34"; achieved with 8" links & 130° up/down sweep, includes 3.5" hinge; <i>does not include reach provided by end effector or mounting configuration</i>
Secondary Work Envelope:	Unlimited; provided by auxiliary stands and mounts
Lift Capacity:	Basic range 8-30+ lbs (<i>configurable for additional weight - call for information</i>)
Lift Precision:	+/- 15% (<i>maximum force required to achieve any position as a function of total payload</i>)
Primary Arm Weight:	Approx. 14 lbs; exclusive of end effectors
Float Control:	Two Axis: single crank, manual adjustment, user-settable ride adjustment
Spring:	Proprietary
Lateral Arm Control:	Gas spring driven; 2 axes minimum, up to 4 axes optional (<i>shoulder, 2x @ hinge, and gimbal</i>) – interchangeable components to set position and force magnitude
Arm Mounting:	2 axis, quick adjust for tilt and roll; compatible with OEM rail and strut systems
Chassis Extrusions:	6063-T6 Aluminum
Machined Parts:	7075-T6 Aluminum
Options/Componentry:	<ul style="list-style-type: none"> • Magnetic docking with mechanical latch • Mounting block • Available gimbal types: ring and race gimbals, post-type gimbal