

# zeroG<sup>™</sup> 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.

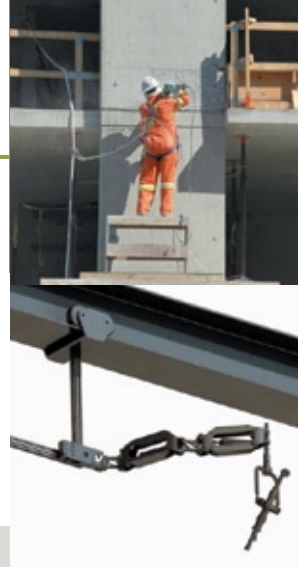
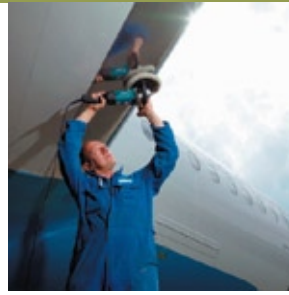
See how a gravity-free workplace can transform your business.

The Equipois zeroG<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup>

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## 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"> <li>• Magnetic docking with mechanical latch</li> <li>• Mounting block</li> <li>• Available gimbal types: ring and race gimbals, post-type gimbal</li> </ul>