Maglogix: Switchable Permanent Magnets

Marine Depot Maintenance Command

PROBLEM STATEMENT

· Tack welds waste time and materials
· Slow, difficult process aligning and levelling plate
· Existing magnets are too heavy and will not work on most steel (too thin)
· Existing magnets cannot be welded close to and will interfere with electronics
· Magnetic drill presses are too heavy and unsafe
· Parts removal and steel handling cause employee injury

BENEFITS

· Lightest and smallest magnets available
· Most effective on steel down to 1/8" by up to 10X
· Safe to handle, operate and store
· Can be welded very close to w/o affecting the weld
· No EMI past about 1"
· Lightest & Safest MagDrills
· Wide range of hand lifting and parts handling tools

TECHNOLOGY SOLUTION

· First Multi-Pole technology switchable permanent magnet
· Rapid deployment for all aspects of fabrication
· Can be used for tethering tools to eliminate drop / falls
· Almost no handle kickback for constant use with no RSI's or employee injuries
· Easily attached to or integrated for unlimited custom solutions
· Hardened steel base with TiN coating for long life and less corrosion
· Able to read the actual holding force for unprecedented safety

GRAPHIC