



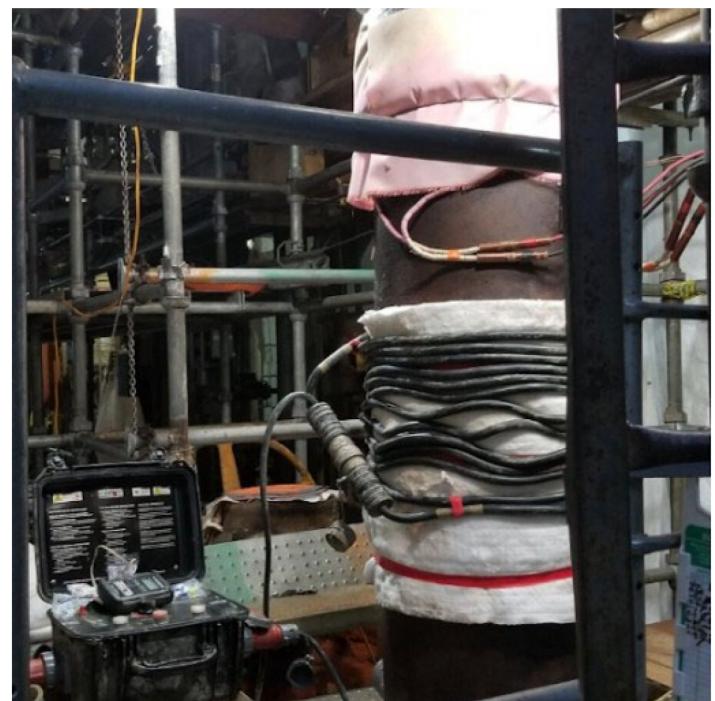
7952 Nieman Road, Lenexa, KS 66214-1560 USA
Phone: 913-685-0675, Fax: 913-685-1125
www.ndtsupply.com, sales@ndtsupply.com

Industrial Degauss Pipeline Demagnetizer

Powerful, Portable & Dependable

The IDMAG Pipeline Demagnetizer reduces magnetism, allowing your welding to take place as it should. Ensuring that your project can avoid costly setbacks due to the common problem of magnetism and arc blow, the Pipeline Demagnetizer is built for tough environments, features quick deployment with effective results, and is easy to operate. Built to use on pipes up to 30", a Power Multiplier is also available for pipes larger than 30".





Features

IDMAG Power Box:

- Portable and Lightweight (Under 100lbs)
- Water Resistant
- Dust Resistant
- Crush Resistant (Features IP67 and IP54 ratings)
- Sealed Switches
- Simple and Intuitive Controls
- Single Phase, 120-240V 50/60Hz operation

Degauss Cable:

- SOOW Industrial Cable
- Flexible and Portable
- Designed for Welding Applications
- CPE Flame-Retardant Jacket (Rating of 90°C)
- Sunlight, Weather, Abrasion and Chemical Resistant
- Rugged Aluminum Shelled Connectors
- High Shock and Vibration Resistance
- IP67 Protection



IDMAG Power Multiplier

For pipe diameters larger than 30" or pipes that are heavily magnetized, the Power Multiplier works with the IDMAG System to expand its capabilities. Using a second Degauss cable, it effectively doubles your demagnetizing power. This also allows work on both welds of a spool piece at the same time with one system.

The IDMAG Pipeline Demagnetizer System has more demagnetizing capability at 3000 Amp Turns than the often used welding machine (2700 AMP Turns). The Power Multiplier doubles this for a demagnetizing power of 6000 Amp Turns. In most situations, a lower current can be used which also increases duty cycle.

Applications

Oil and Gas Pipelines

Oil and Gas pipelines become magnetized through the use of MFL Smart Pigs. The IDMAG System from Industrial Degauss is a pipeline demagnetizer and can be used on any diameter pipe, large or small.

Steam Pipelines

Steam lines typically feature high chrome content piping and are located in close proximity to power generating units. These pipes require TIG roots which is very sensitive to magnetism and arc blow is a real problem. The IDMAG System is used to remove the magnetism and allow welding to proceed.

Rotating Machinery

Rotating Machinery can become magnetized during service or during repairs and machining. Magnetized components can introduce dirt into lube oil systems and they can cause false vibration and proximity probe readings leading to downtime. Demagnetizing rotor components with the IDMAG System is easy and effectiv

IDMAG Pipeline Demagnetizer System Specifications

Power Input	115VAC - 250VAC 25 Amp Maximum Single Phase 50Hz/60Hz Operation
Power Output	Full Wave DC Variable
Protection	Circuit Breaker & Fuse In-Line GFCI (115V & 250V)
Operating Temperature	-25°C to 50°C
Power Box	Water, Dust and Crush Resistant Simple User Interface
Gaussmeter	Handheld with Digital Display DC Range from 0-10,000 Gauss 9V Battery Powered
Degauss Cable	75' Length, Suitable to 30" pipe Flexible jacket with 90°C rating Flame UV & Chemical Resistant
Calibration Certificate	Included
Dimensions	28" x 22" x 15" 87lbs shipping weight

Demagnetizing Power Comparison 42" Pipe

Specification	300 Amp Welder	IDMAG System	IDMAG System with Power Multiplier
Lead Length	100 ft	75 ft	75 ft
# Leads	1	1	2
# Wraps	9	6	12
Amperage	300 Amp	20 Amp	20 Amp
Demagnetizing Power	2700 Amp Turns	3000 Amp Turns	6000 Amp Turns

Kit Includes

IDMAG Pipeline Demagnetizer System Includes

- Power Box
- DC Gaussmeter
- Degauss Cable
- In-line GFCI (115V & 250V)
- Transit Case
- Suitable for up to 30" Pipes

IDMAG Power Multiplier Includes

- Degauss Cable
- Power Multiplier
- Equipment Cases



7952 Nieman Road, Lenexa, KS 66214-1560 USA
 Phone: 913-685-0675, Fax: 913-685-1125
www.ndtsupply.com, sales@ndtsupply.com