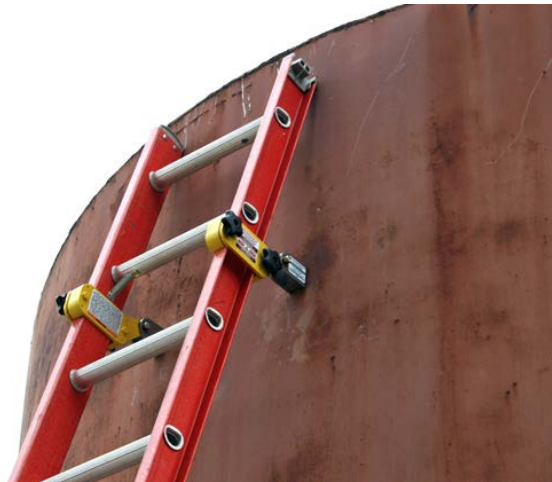


# MAGBUDDY™



## **CERTIFICATION TEST RESULTS OVERVIEW**

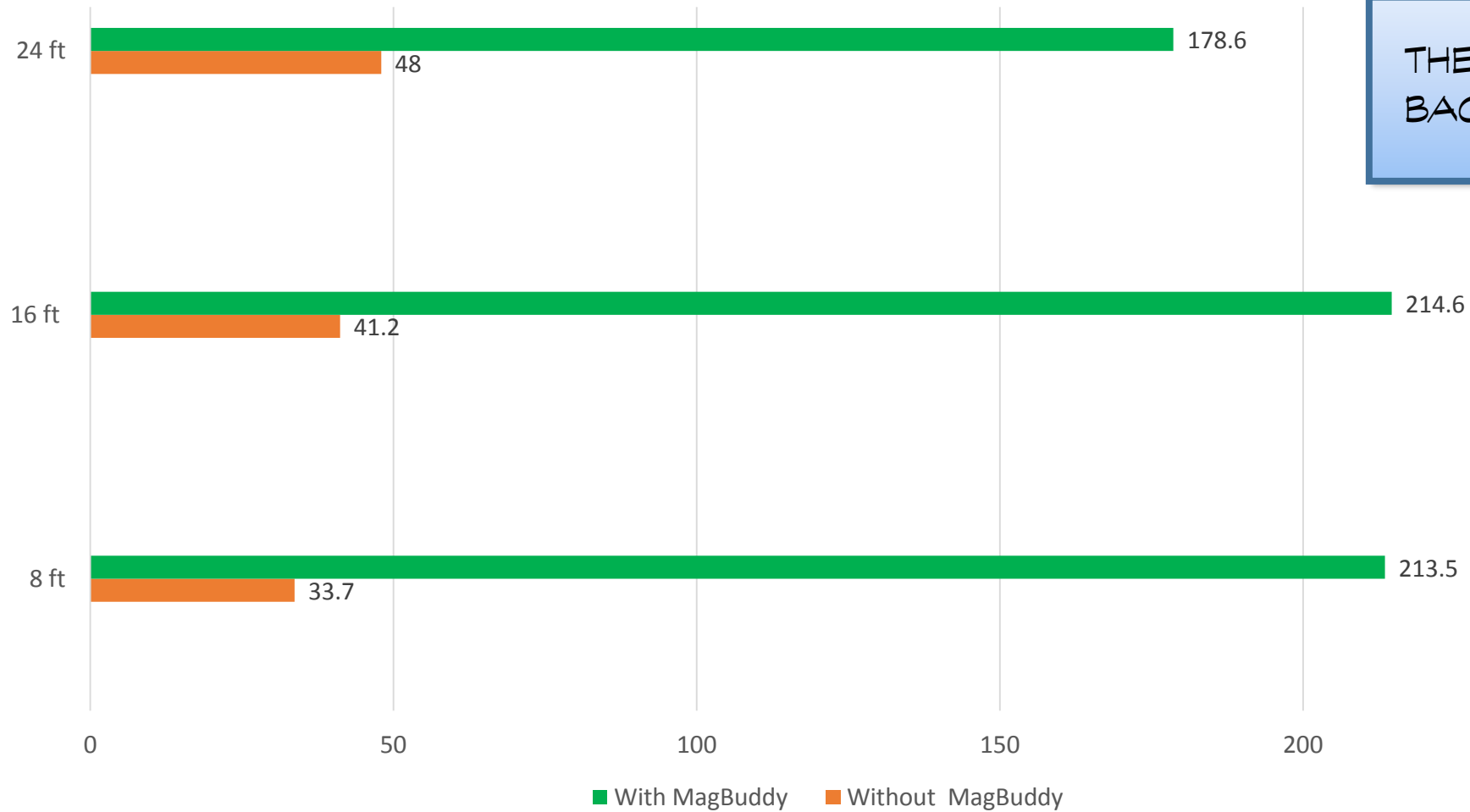
Tested in accordance with  
ANSI A14 Documents for Portable Ladders

## MagBuddy™ dramatically increases ANSI compliant ladders' adherence to strong, clean, ferromagnetic, surfaces

- Testing was performed in November of 2014 by Testing Engineering Services, Inc., an ASSHTO R18 and International Accreditation Service (IAS) (TL-458) accredited laboratory in compliance with ANSI/ISO/IEC Standard 17025:2005. TEC Services is also an Army Corps of Engineers approved laboratory.
- Test methods were derived from the American National Standards Institute (ANSI) A14 documents which prescribe rules governing the safe design, construction, and testing of portable ladders and accessories.
- Although the current ANSI A14 documents do not directly apply to the testing of top mounted magnetic stability devices (no other product like the patented MagBuddy exists), testing methods were developed by a firm of registered engineers. The testing methods were consistent with, and extended beyond, the methodology used in the ANSI A14 documents.
- In accordance with the test methodology developed by Cromwell Architects Engineers, tests were conducted on ANSI Type 1 (250 pound duty rating) industrial ladders in lengths of 8 feet (straight ladder), 16 feet (extension ladder), and 24 feet (extension ladder). All ladders were set at OSHA's required 75.5 degree angle.
- With the MagBuddy™ system attached, all ladders passed the ANSI standard tests for Column Hardware Load (1000 lbs) and Inclined Side Rail Bend Test (500 lbs). MagBuddy did not degrade ladder performance in these load bearing tests.
- The game changing results of tests comparing MagBuddy's ability to improve a ladder's adherence to a strong, clean, ferromagnetic, surface versus an un-equipped ladder are shown in the charts that follow. Detailed test methodology and results are available upon request.

# POUNDS OF FORCE AT THE TOP RUNG REQUIRED TO PULL LADDER DIRECTLY AWAY FROM POINT OF CONTACT

ANSI Type 1 Ladders with 200 pound load directly down from the center of the ladder's working length

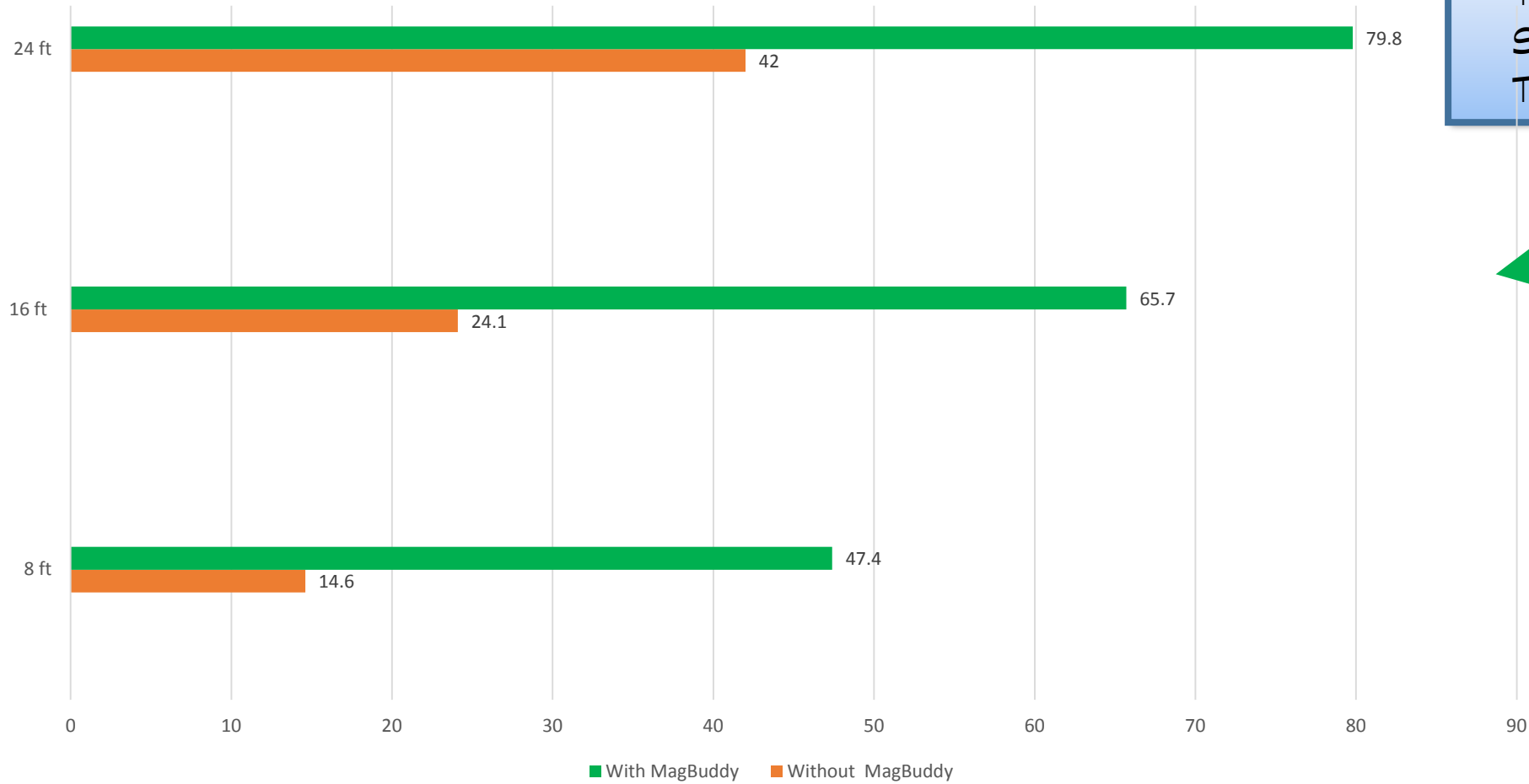


THE "PULL STRAIGHT BACK AT THE TOP" TEST



# POUNDS OF FORCE AT THE TOP RUNG REQUIRED TO PULL LADDER HORIZONTALLY AWAY FROM POINT OF CONTACT

ANSI Type 1 Ladders with 200 pound load directly down from the center of the ladder's working length

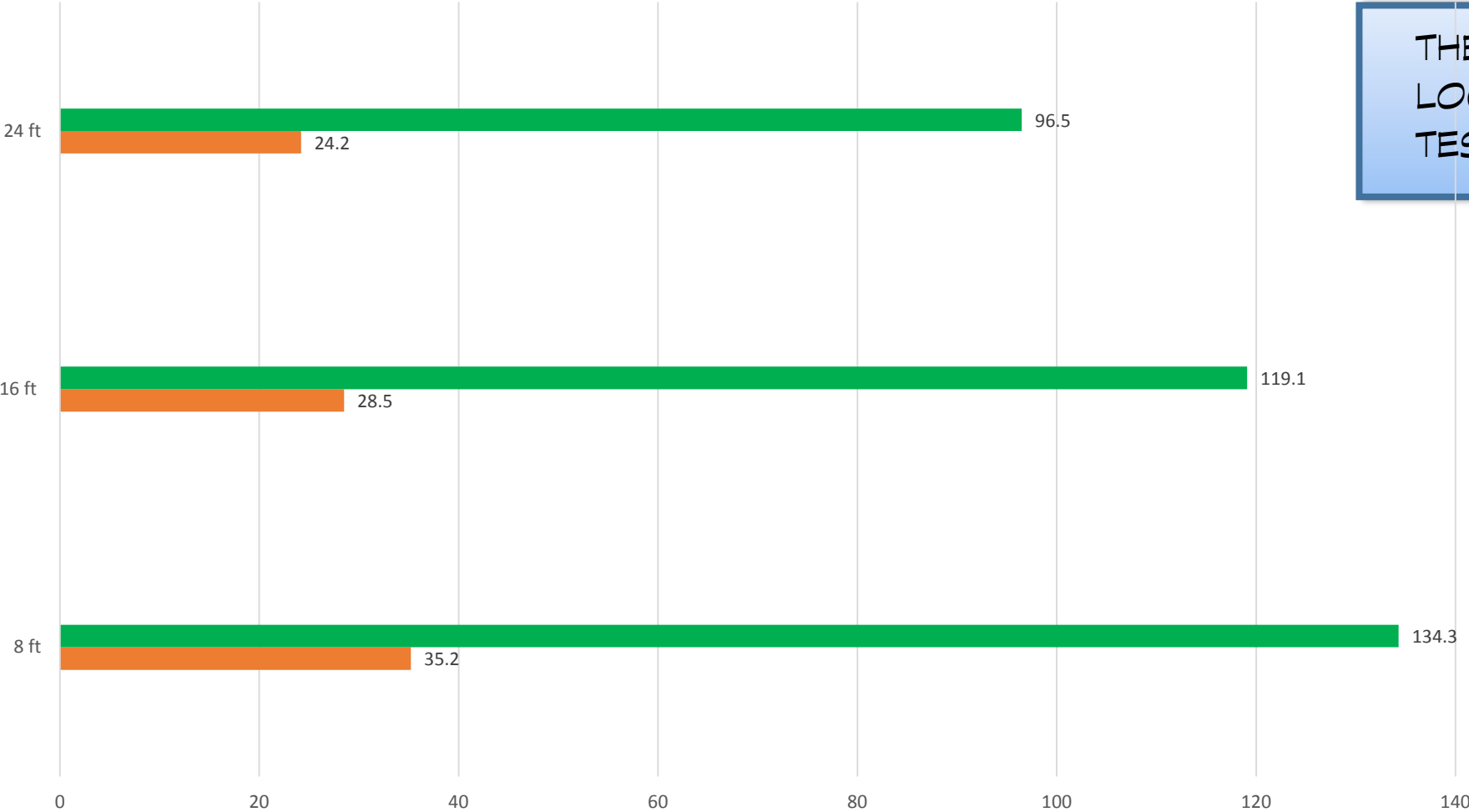


THE "SLIP  
SIDEWAYS AT THE  
TOP" TEST



# POUNDS OF FORCE AT THE TOP RUNG REQUIRED TO PULL LADDER TORTIONALLY AWAY FROM POINT OF CONTACT

ANSI Type 1 Ladders with 200 pound load directly down from the center of the ladder's working length



THE "TWIST ONE RAIL LOOSE AT THE TOP" TEST



■ With MagBuddy ■ Without MagBuddy

# MAGBUDDY™

For more information on the MagBuddy™ family of products contact us

- On the web at [www.Mag-Buddy.com](http://www.Mag-Buddy.com)
- By email at [Sales@Mag-Buddy.com](mailto:Sales@Mag-Buddy.com)
- By phone at 888-253-9782

## MagBuddy™

For Vertical Tanks, Pressure  
Tanks, Tank Cars, and more

## Beam Buddy™

For Horizontal and Vertical  
Steel Beams and Perling

## Scaffolding Buddy™

For Scaffolding set against  
Steel surfaces