



36 PARMENTER ROAD
HUDSON, MA 01749 USA
978-568-0221 / 800-654-3500
FAX 978-568-1570

**ITEM NO. 8201257 ET100M8-110 4/41PR ELECTRIC
POWERED VACUUM LIFTER W/ POWERED TILT
AND POWERED ROTATION - CUSTOM HANDLE**

SHEET 1 OF 2
Document No.: **82101123**
Revision: A
Effective Date: 05/16/2016

- RATED LOAD CAPACITY: 1000 LBS. @ 24 IN. Hg. WITH >4:1 SAFETY FACTOR ON VACUUM HOLDING.
- APPROXIMATE UNIT WEIGHT: 495 LBS.
- POWER REQUIRED: 115V/1PH/60Hz, 18 AMPS.
- VACUUM LIFTER DESIGNED FOR TESTING AND INSTALLATION OF SCINTILLATION PANELS FOR SBN DETECTORS.
- DERATED TO 500 LBS. PER CUSTOMER REQUEST.

ACKNOWLEDGEMENT NOTICE

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PLEASE REVIEW THIS DRAWING CAREFULLY AND INDICATE YOUR APPROVAL AND AUTHORIZATION TO PROCEED BY SIGNING BELOW.

IF CHANGES ARE REQUIRED, PLEASE MARK THE DRAWING ACCORDINGLY AND LIST THEM BELOW.

APPROVED BY: *as noted* [Signature] / A. Stefanik

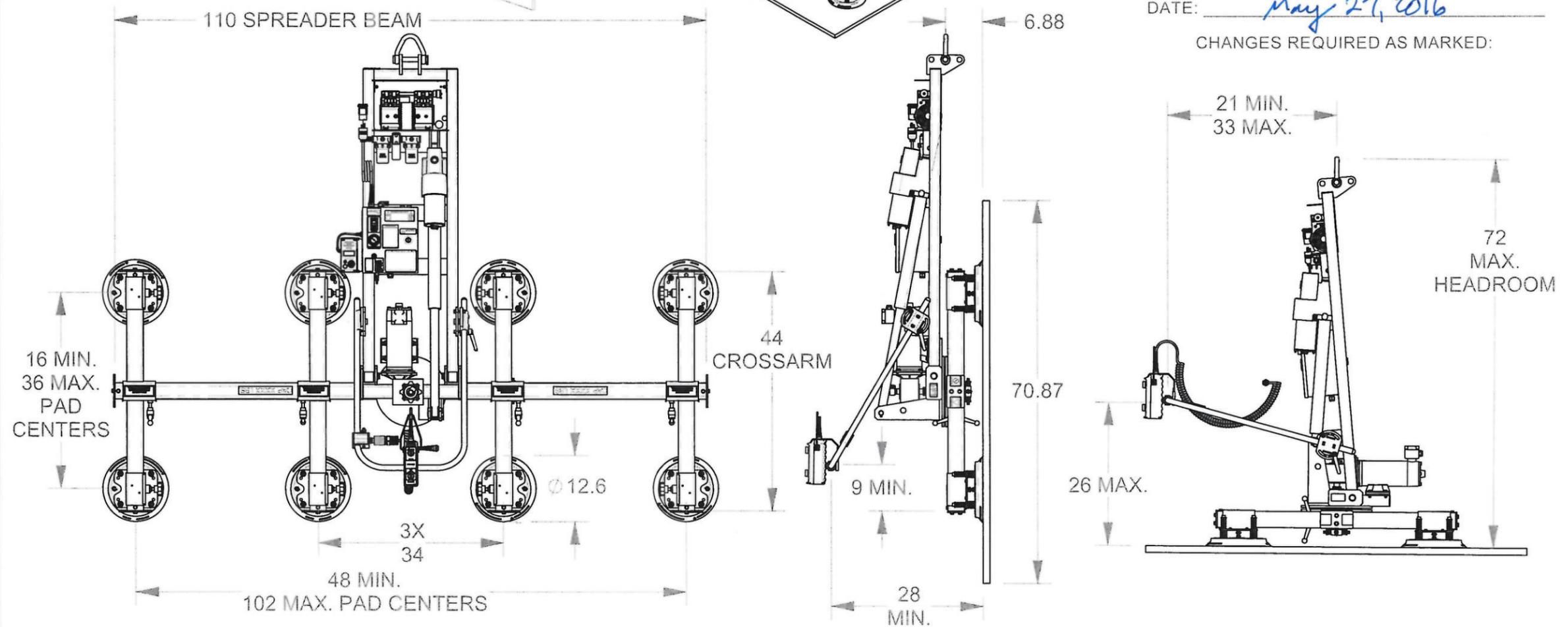
TITLE: Fermilab Engineers.

DATE: May 27, 2016

CHANGES REQUIRED AS MARKED:

Note:

"Anver Corporation complies to ANSI Specifications B30.20 regarding Vacuum Lifters. A certificate of conformance will be supplied with the lifter".



LIFTER SHOWN WITHOUT LOAD. LOAD WEIGHT AND DEPTH WILL EFFECT THE FINAL ANGLE THE LIFTER/LOAD WILL ACHIEVE.

Customer: FERMI LABORATORY
Sales Order #: SO160004850

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Drawn By: VITOR PEREIRA 05/16/2016
Approved By: APPROVED 05/16/2016
By Jim Coucho at 2:54 pm, May 19, 2016



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**ITEM NO. 8201257 ET100M8-110-4/44PR ELECTRIC
POWERED VACUUM LIFTER W/ POWERED TILT
AND POWERED ROTATION - CUSTOM HANDLE**

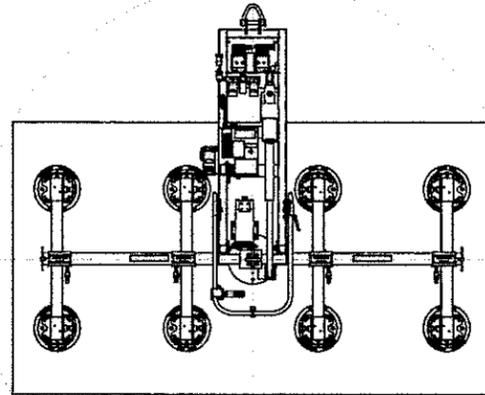
SHEET 2 OF 2

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LOAD CENTER MUST BE WITHIN
4.0" TRUE POSITION OF AXIS OF
ROTATION



360° POWERED
ROTATION

ATTACH/RELEASE CONTROL
ASSEMBLY WITH SAFETY LOCK
MOUNTED ON HANDLEBAR

CROSSARM LOCKING
KNOB

(8X) ADJUSTABLE, QUAD
MOUNTED, DOUBLE
SPRING COMPENSATED
VACUUM PADS. #VP126-NBR

TILT AND ROTATION CONTROL
PENDANT ASSEMBLY w/10 FT. COIL CORD

ELECTRICAL CORD WITH
TWIST LOCK MALE/FEMALE
RECEPTACLES,
115V/1PH/60Hz 18 AMPS

MASTER POWER
ON/OFF SWITCH

VACUUM GAUGE

9V BATTERY POWERED
VACUUM LEAKAGE SENSOR
AND WARNING SYSTEM,
#VLS-08

ADJUSTABLE PIVOTING FRONT
HANDLEBAR WITH LOCKING KNOB

THREE POSITION LIFTING SHACKE

100% DUTY CYCLE 4.3 SCFM, 1/2 H.P.
VACUUM PUMP / MOTOR WITH CHECK VALVE
TO HALT LOSS OF VACUUM IN CASE OF
ELECTRIC POWER FAILURE

DUAL SCREW-ON MOISTURE TRAP
WITH CLEAR FILTER BOWL FOR EASY
INSPECTION AND CLEANING

RESETTABLE CIRCUIT
BREAKERS FOR PUMP
& ACTUATOR

ELECTRIC ACTUATOR WITH
LIMIT SWITCHES

GEAR BOX AND MOTOR FOR
POWER ROTATION 360°

PAD LOCKING
KNOB

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Drawn By: VITOR PEREIRA 05/16/2016
Approved By: [Signature]