MB3500

ELECTRIC HEIGHT ADJUSTABLE
MACHINE BASE
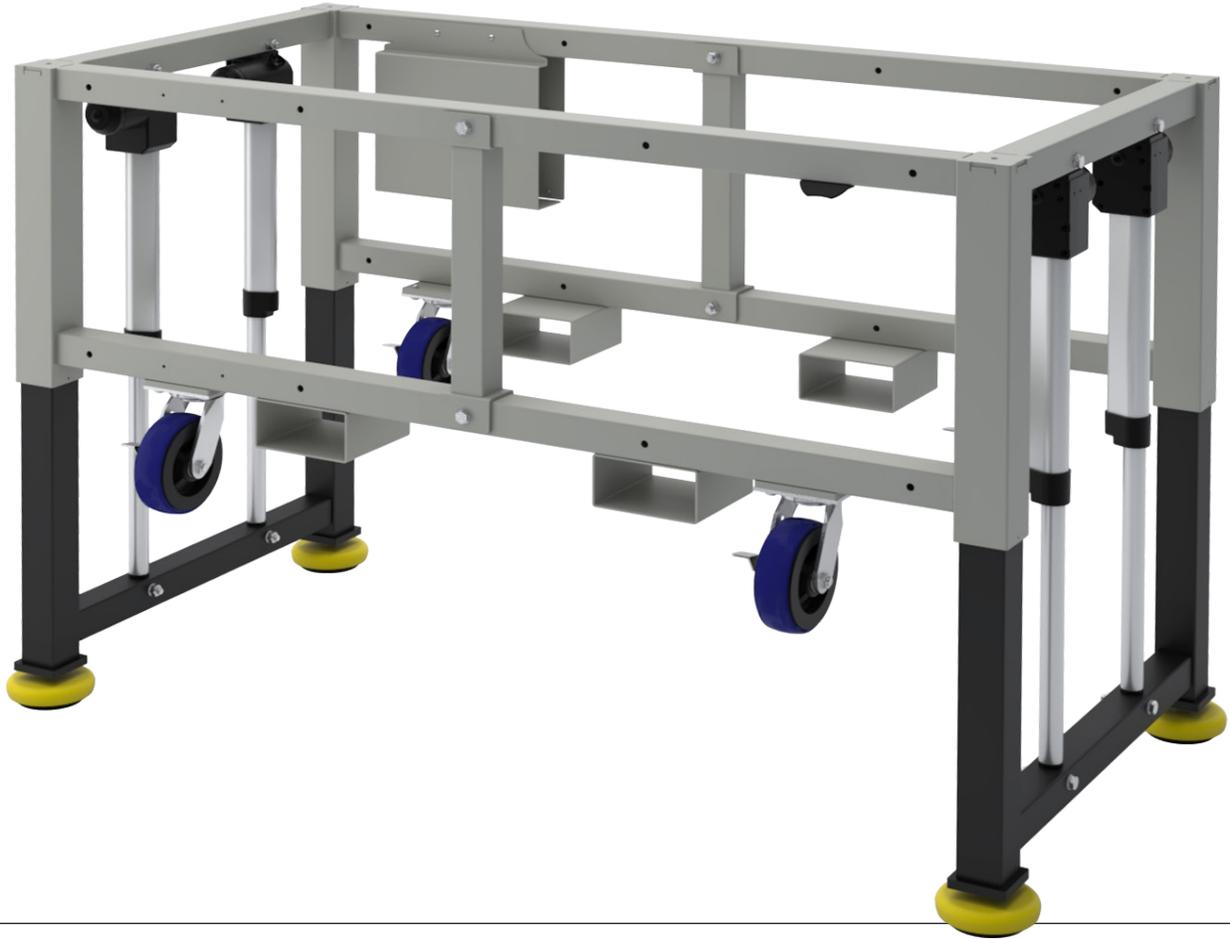
LIFT CAPACITY

3500 lbs

STANDARD SIZES

Starting height: 26.5" | 30.5"
Widths: 36" | 48" | 60" | 72" | 84"
Depths: 30" | 36"

ADJUSTMENT

12" or 16" vertical adjustment at .25" per second

Simple or programmable control switch

STANDARD COLORS

RAL 9003 - Signal White
RAL 7037 - Dusty Grey
OB07 - Matte Black

STABILITY

Rigid cold-rolled steel construction

Anti-vibration mounts with retractable 6" swivel casters or a bolt-to-floor option.

TECHNICAL

MB3500

30" or 36"

36", 48", 60", 72", 84"

26.5" or 30.5"
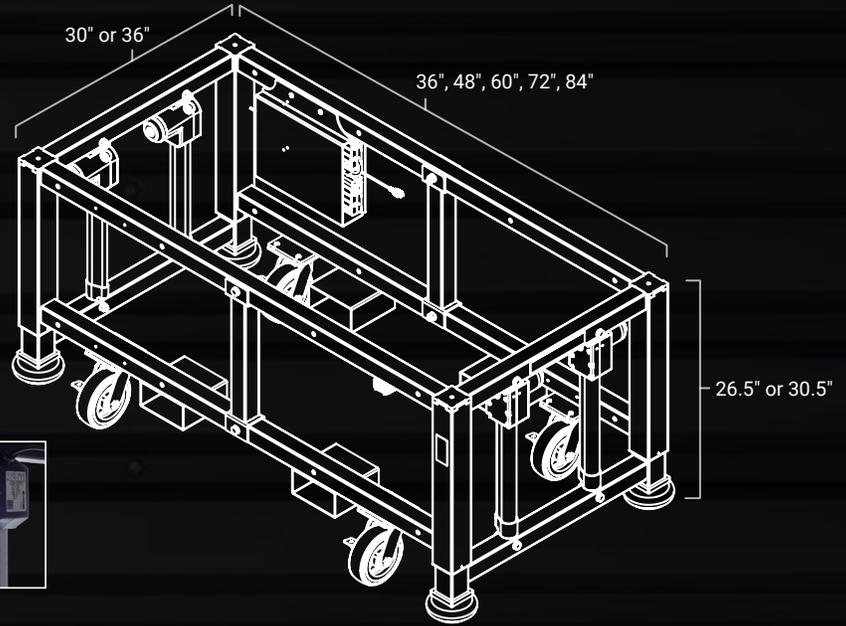
ANCHORED MOUNTS

4 in x 5.5 in Tear-Drop Shape

9/16 in Anchor Hole

5/8-11 Thread

7.5° Range Of Motion

Ball-and-Socket Swivel

8 in Stud Length

6000 lbs Capacity Each

MIGHTY MOUNTS

Anti-Vibration, Leveling

5 in Diameter

5/8-11 Thread

8Hz Natural Frequency

2000 lbs Capacity Each

CASTERS

6 in Swivel With Brake
(Rigid Casters Optional)

Polyurethane -
Shore A 80 Durometer

1100 lbs Capacity Each

ACTUATORS

Custom Designed 12 in or 16 in
Linear Actuators (Bolt-On)

IP66 Rated

Speed - 6.3 mm/Second
(1/4 in/Second) @ Zero Load

3.5 mm/Second
(9/64 in/Second) @ Max Load

3500 lbs Maximum Weight Capacity
(Evenly Distributed)

Mechanical Brake Spindle Nut For
Redundant Protection

ELECTRICAL

Dual Cascading Synchronized Control Boxes
Simple "Paddle" Style Up/down Switch
Required - 2 NEMA 5-15 Receptacles*
Required - 120VAC, 15 Amp Circuit*
1200 Watt Maximum Power Consumption (Under Max Load)
Standby Power Consumption < 0.3 Watts
Operating Temperature 0-35° C
Control Box Rated IP20

Other plug types and power options are available upon request.

MECHANICAL SPECS

Carbon Steel (ASTM-A513) Construction including:
2 in Square 12 ga Horizontal Width and Depth Tubes
8 ga MIG Welded Modular Brackets - M8 Tapped Holes
70 mm Square Vertical Telescoping Columns
Patented Telescoping Glide System
Custom Fit For Each Column During Assembly
1/2 in Thick Column Top Mount Pads
Column Centered M10 Tapped Holes
3/8 in Thick MIG Welded M10 Tapped Caster Plates
6 in x 3 in x 1/8 in MIG Welded Fork Tube Targets

Specifications may vary based on system configuration and workload.