

**BUILT**  
SYSTEMS

**PRODUCT  
SPECS**

# SMART MACHINE BASE

ELECTRIC HEIGHT ADJUSTABLE  
MACHINE BASE



## LIFT CAPACITY

3500 lbs

## STANDARD SIZES

Starting height: 95"

Widths: 36" | 48" | 60" | 72"

Depths: 30"

## ADJUSTMENT

12" vertical adjustment at .25"  
per second

Simple or integrated HMI  
vertical adjustment

## STANDARD COLORS

 RAL 9003 - Signal White

 RAL 7037 - Dusty Grey

 OB07 - Matte Black

*Custom colors available.*

## STABILITY

Rigid cold-rolled steel construction

Anti-vibration mounts with  
retractable 4" swivel casters

## OPTIONS

Desoutter or Atlas Copco Screwdriver  
System Integration

240 VAC, 60Hz

Overhead Trolley and Tool Balancer

Handheld Barcode Scanner- Cognex,  
Honeywell, Keyence

RFID Badge Reader mounted on side  
of HMI

24" ODS Monitor

Integrated Light Frame

Banner LED Lighting

12" Fan

## TECHNICAL

# SMART MACHINE BASE



### MIGHTY MOUNTS

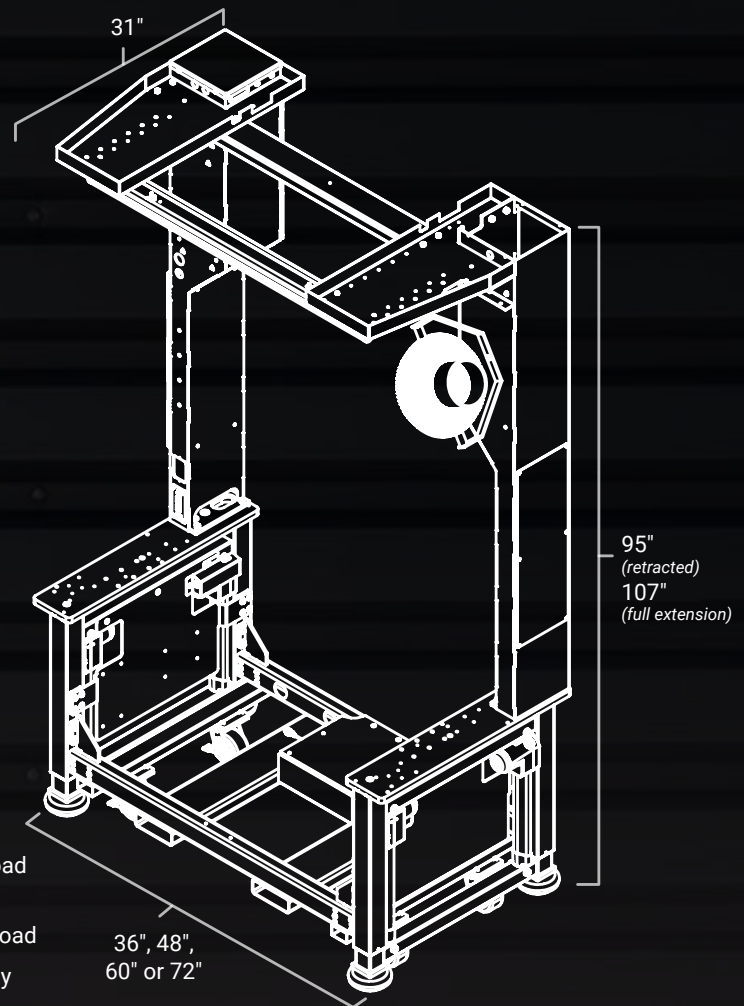
Anti-Vibration, Leveling  
5 in Diameter  
5/8-11 Thread  
8Hz Natural Frequency  
2000 lbs Capacity Each

### CASTERS

4 in Phenolic Casters  
800 lbs Capacity Each  
Tread Lock Brake

### 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



## LIFT CONTROLS ELECTRICAL SPECS

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.*

*Specifications may vary based on system configuration and workload.*

## MECHANICAL SPECS

Carbon Steel ASTM-A513 Construction Including:  
6 in x 2 in fork tubes  
3 in x 2 in 11ga Support Tubes  
3/8, 8ga, 14ga Sheet Steel  
Vertical Telescoping Welded Frame with our  
Patented Glide System

## CONTROLS

Allen Bradley PLC 5069-L310ERS2  
Allen Bradley Panelview Plus 7  
Numatics valves, FR and Lockout  
8 Port 10/100 Ethernet Switch  
120 VAC, 20 amp, 60Hz