



**PRODUCT  
GUIDE &  
SPECS**

**BUILT**  
SYSTEMS

**MATERIAL HANDLING  
PRODUCTS**  
CARTS | CONVEYORS

***P*B**

# INDUSTRY MODERNIZED

BUILT Systems' solutions support a modern environment in a variety of industries. From machine bases acting as a foundation to robotic, automatic fixtures, to workbenches setting the groundwork for custom controls data tracking, to entirely tailored solutions, these are spaces for the future.

Each solution is then designed in a modular fashion to support a changing and growing facility along with the implementation of new technology. A visually appealing, sturdy design completes the cutting-edge facility.

# MATERIAL HANDLING PRODUCTS

BUILT's line of Material Handling Products provide innovative, reliable ways to move parts from cell to cell in your lean manufacturing environment. Choose from a variety of carts and conveyors, or customize your own solution, to perfectly complement assembly and welding tables, workbenches, and machine bases.

Each material handling solution features ergonomics, versatility, and durability to maximize your employee wellbeing and company ROI.





# MATERIAL HANDLING CART



## LOAD CAPACITY

500 lbs

## STANDARD SIZES

Height: 37"  
Widths: 32"  
Length: 24"

## STABILITY

Rigid cold-rolled steel construction

Heavy duty 5" locking swivel casters

## STANDARD COLORS

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

## CUSTOMIZATION

Custom Sizes, Color  
and Branding available

## TECHNICAL

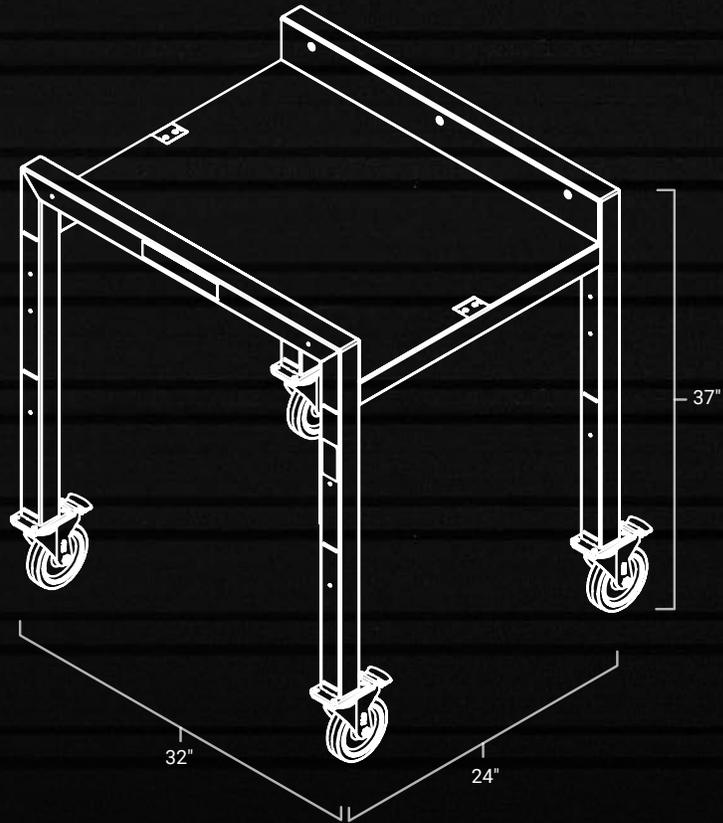


### CASTERS

5 in Swivel With Brake  
*(Rigid Casters Optional)*

Thermo Rubber

325 lbs Capacity Each



## MECHANICAL SPECS

Carbon Steel ASTM-A513 Construction Including:  
2 in square 12 ga Tube Structure  
16 ga Sheet Steel Surface

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

# FLAT MATERIAL HANDLING CART



## LOAD CAPACITY

500 lbs

## STANDARD SIZES

Height: 18"  
Widths: 32" | 40"  
Lengths: 48" | 76"

## STABILITY

Rigid cold-rolled steel construction  
Heavy duty 6" locking swivel casters

## STANDARD COLORS

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

## CUSTOMIZATION

Custom Sizes, Color  
and Branding available

## STANDARD SURFACES

-  Butcher Block
-  HPL Black
-  HPL White

electrostatic discharge (ESD) options

## TECHNICAL

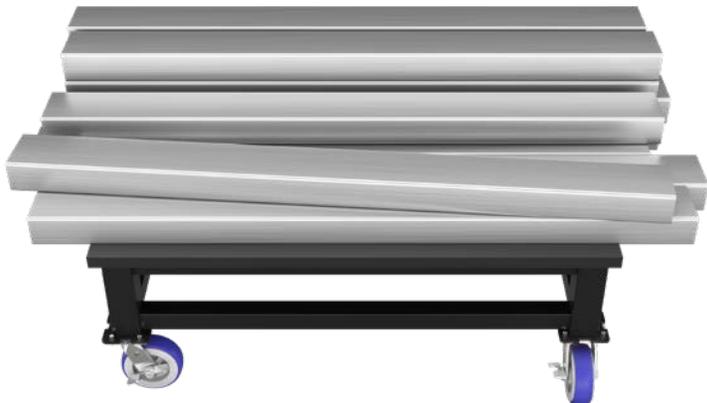
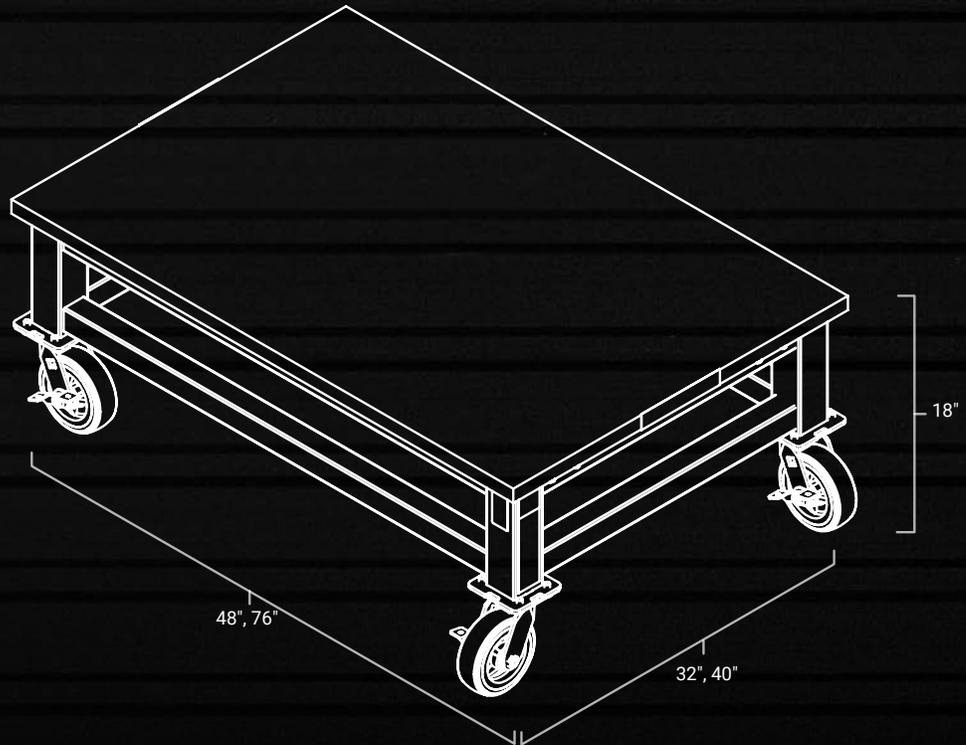


### CASTERS

6 in Swivel With Brake  
*(Rigid Casters Optional)*

Polyurethane -  
Shore A 80 Durometer

1100 lbs Capacity Each



## MECHANICAL SPECS

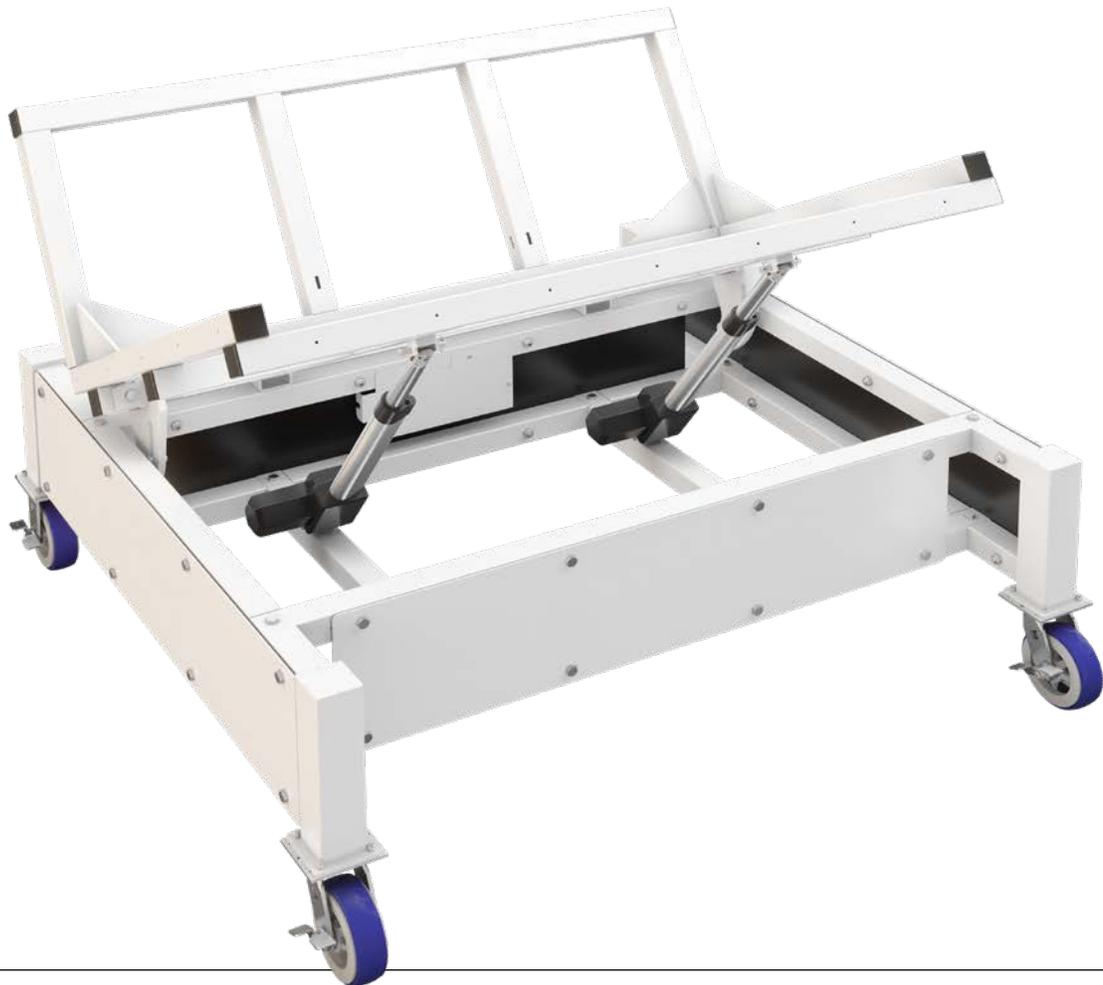
Carbon Steel ASTM-A513 Construction Including:

2 in square 12 ga Support Tubes

70mm x 70mm 14ga Columns

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

# TILT CART ELECTRIC



## LOAD CAPACITY

1500 lbs

## STANDARD SIZES

Width: 54"  
Length: 51"

## STABILITY

Rigid cold-rolled steel construction

Heavy duty 6" locking casters;  
2 swivel, 2 fixed

Maximum 60 degree tilt angle

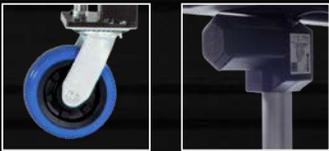
## STANDARD COLORS

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

## CUSTOMIZATION

Custom Sizes, Color  
and Branding available

## TECHNICAL



### 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)

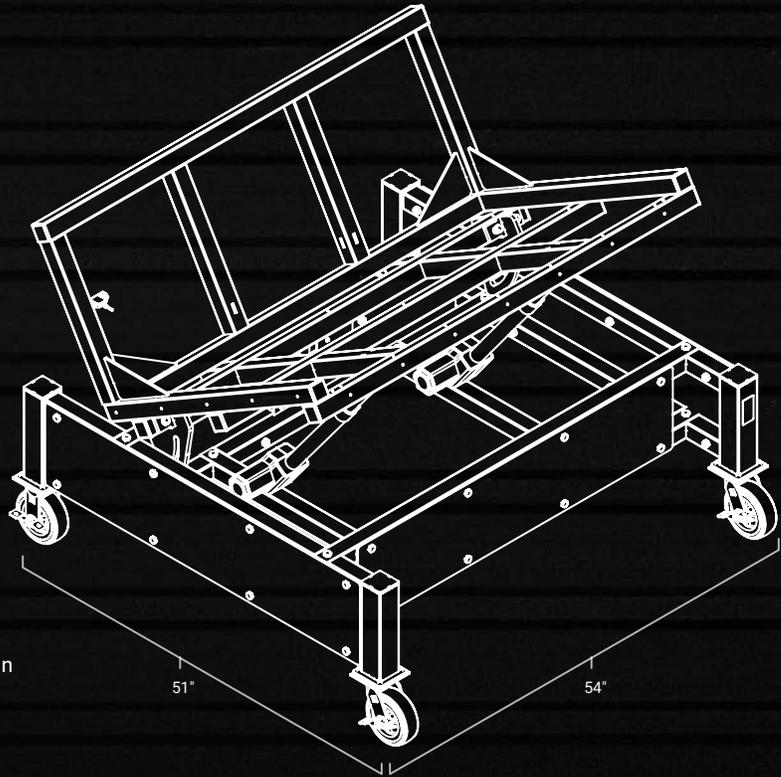
IP66 Rated

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

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

1000 lbs Maximum Weight Capacity  
(Evenly Distributed)

Mechanical Brake Spindle Nut For  
Redundant Protection



## MECHANICAL SPECS

Carbon Steel ASTM-A513 Construction Including:

2 in square 12 ga Support Tubes

3/8 in, 8 ga, 12 ga Sheet Steel

70mm x 70mm 14ga Columns

Custom designed linear actuator tilt system

## ELECTRICAL SPECS

Synchronized Control Box

Simple "Paddle" Style Up/down Switch

Required - 1 NEMA 5-15 Receptacle\*

Required - 120VAC, 15 Amp Circuit\*

400 Watt Maximum Power Consumption (Under Max Load)

Standby Power Consumption < 0.3 Watts

Operating Temperature 0-35° C

Control Box Rated IP20

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

# CONVEYOR

ELECTRIC HEIGHT ADJUSTABLE  
LIGHT-DUTY



## LOAD CAPACITY

150 lbs

## STANDARD SIZES

Starting height: 30" (18" stroke)  
Depths: 18" | 32"  
Lengths: 60" | 72" | 84"

## STABILITY

Rigid cold-rolled steel construction  
Heavy-duty 3/8" mounting plates

## STANDARD COLORS

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

## CUSTOMIZATION

Custom Sizes, Color  
and Branding available

## TECHNICAL



### MIGHTY MOUNTS

Anti-Vibration, Leveling

3 in Diameter

3/8-16 Thread

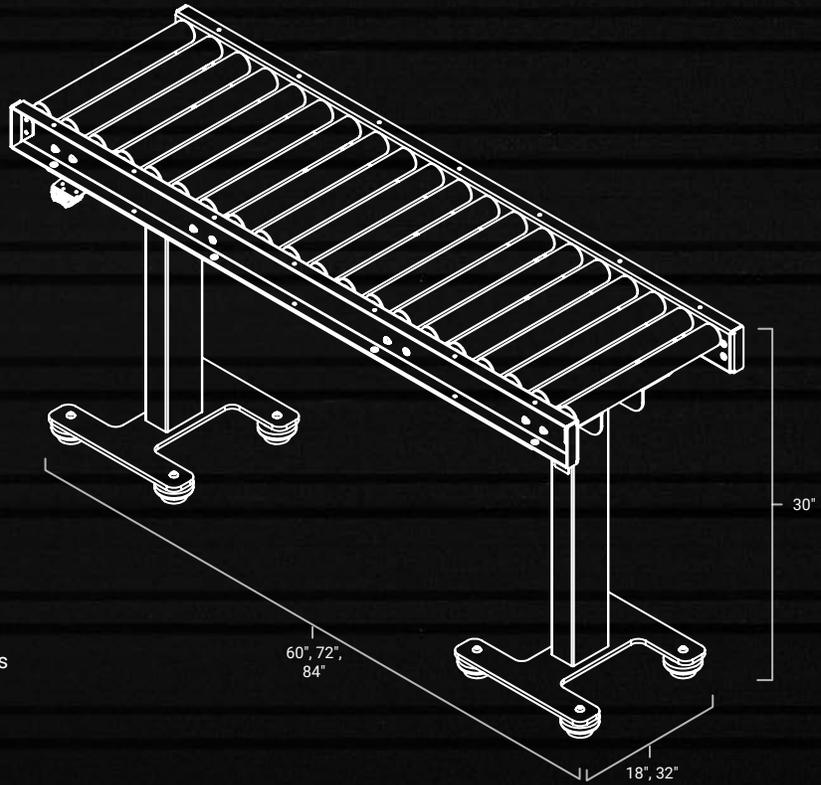
8Hz Natural Frequency

700 lbs Capacity Each

### ROLLERS

Galvanized Steel Rollers

1.9 in diameter



## MECHANICAL SPECS

Carbon Steel ASTM-A513 Construction Including:

8 ga Depth Tubes

8 ga Conveyor

Vertical Telescoping Welded Frame with our

Patented Glide System, Custom Fit During Assembly

Custom conveyor rollers

Spring-Loaded Axle

Zinc-Plated Steel Ball Bearings

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

# HD CONVEYOR

ELECTRIC HEIGHT ADJUSTABLE  
HEAVY-DUTY



## LOAD CAPACITY

1200 lbs

## STANDARD SIZES

Starting height: 34.6" (12" stroke)

Depths: 30" | 36"

Lengths: 84"

## STABILITY

Rigid cold-rolled steel construction

6" swivel casters

Removeable lower cross tubes

Fully welded frame

## STANDARD COLORS

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

## CUSTOMIZATION

Custom Sizes, Color  
and Branding available

## TECHNICAL



### CASTERS

6 in Swivel With Brake  
(Rigid Casters Optional)

Polyurethane -  
Shore A 80 Durometer

1100 lbs Capacity Each

### ROLLERS

Galvanized Steel Rollers

1.9 in diameter

### ACTUATORS

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

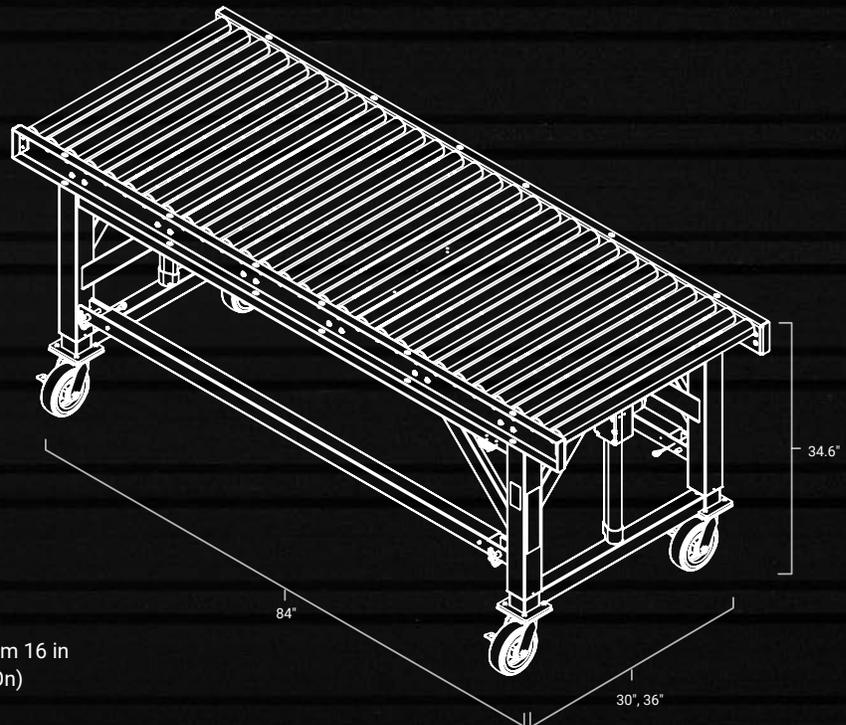
IP66 Rated

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

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

1000 lbs Maximum Weight Capacity  
(Evenly Distributed)

Mechanical Brake Spindle Nut For  
Redundant Protection



## MECHANICAL SPECS

Carbon Steel (ASTM-A513) Construction including:

3 in x 2 in 11 ga Depth Tubes

2 in Square 12 ga Lower 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.



**BUILT SYSTEMS** | MATERIAL HANDLING PRODUCTS