















# **CONTACT INFORMATION**

### **Mailing Address**

Beyond Products, Inc. 167 Cherry Street PMB 410 Milford, CT 06460

### **Shipping Address**

Beyond Products, Inc. 500 BIC Drive Building 3-1 Milford, CT 06460

Phone:	(866) 813-3751
Fax:	(203) 878-1065
E-Mail:	sales@beyond-products.com
Website:	www.beyond-products.com

# **SALES CONTACTS**



Bob Sapienza (Vice President – Sales)

Al Acevedo (Chief Operating Officer) rsapienza@beyond-products.com

aacevedo@beyond-products.com





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### **BEYOND PRODUCTS MISSION STATEMENT**

Beyond Products' mission is to improve the workplace by designing and promoting ergonomic material handling equipment that relieves workers from strenuous and unsafe labor practices. By acknowledging that our continued company growth stems from our reputation we will treat all customers fairly, ethically and courteously while imparting sound advice to those seeking high quality products and services.



## THE MULE DISCRIBED

#### THE MULE TALE

Beyond Products, Inc. ("BPI") launched its first "The Mule<sup>TM</sup>" product in 2007. The Mule is a high quality costeffective material handling solution for reducing neck and back strain from manual labor through proper ergonomic positioning. Unique among material handling products, The Mule is a cross-functional lifter, stacker, transporter and positioner.

Each Mule is assembled in Milford, CT. The combination of The Mule's ability to fit through doorways and narrow work aisles and its weight load capacity (up to 350 pounds) allows it to be used in diverse work environments ranging from office settings to heavy manufacturing production centers.

Combining years of in-field testing with continuous product development, The Mule has become a valued work resource that promotes ergonomic safety. The Mule's breadth of capabilities and solid design has gained wide acceptance among leading consumer products, industrial manufacturing, transportation and utility companies. The Mule's adaptability







Mule with full folding capability



and customization further enhances its role as an ergonomic solution of choice for most environments and applications within its load capabilities. The Mule is engineered to the highest construction standards and comes with a three year limited warranty.



# BEYOND Products, Inc.

# THE MULE – TOMORROW'S WAY TO MOVE TODAY'S WORLD



#### THE MULE'S FEATURES & BENEFITS

- Lift heights from 48 inches up to 72 inches satisfies most lift requirements.
- 350 pound load capacity replaces worker pain and strain.
- Screw drive mechanism increases lift durability and precision.
- Economized footprint allows transport through standard doorways and tight aisles. Rear tires enable one to go over curbs and handle stairs.
- Customized front casters enhance maneuverability within tight spaces.
- 12 volt rechargeable lead acid gel battery quickly recharges to optimum level with a small 110v charger.
- Overload indicator's notation of when loads exceed lift's capacity adds safety.
- Rear locking disc brakes provide added safety.

- A selection of end effecters provides perfect support to specific applications.
- Platform with built-in vice and positioning blocks hold loads in place.
- Forks easily transport bins, totes, boxes, small pallets, etc.
- Arbor/probe is perfect for roll handling.
- Ability to customize further addresses specific application requirements.
- Pendant remote enables one to operate The Mule while at a workstation or adjust cargo height when standing on a ladder/platform
- A variety of add-on accessories further enhance material handling versatility.
- Folding ability saves storage space and makes The Mule transportable in vehicles.
- Limited thirty-six month manufacturer's warranty provides peace of mind.





ACCESSORIES

# THE MULE'S STABLE OF PRODUCTS







## THE MULE QUICK CHANGE SYSTEM

**ENABLES USERS TO QUICKLY** THE QUICK CHANGE SYSTEM **RECONFIGURE THE MULE WITHOUT THE NEED OF TOOLS. MULE END** EFFECTERS CAN BE INTERCHANGED IN UNDER FIVE MINUTES: MAKING EACH MULE A STABLE OF PRODUCTS UNTO ITSELF.



- · Currently available for the 48" and 72" models
- ARBOR 14 <sup>3</sup>⁄4″ x 1 <sup>1</sup>⁄4″ Model #: 2A-1-85100-B



1 <sup>1</sup>/<sub>2</sub>" square steel tubing 21" or 22" W x 18" L Model # Depends on Width

# It's Time To Modernize Your **Material Handling**







# THE MULE SCHEMATIC (48" Lift With Platform)







# **PRODUCT SPECIFICATIONS**

	48" Lift	72" Lift
Overall Height	60 inches	84 inches
	• 22"W x 39"L (standard unit)	• 32"W x 61"L (standard unit)
Footprint	Additional sizes available	Additional sizes available
Net Weight	114 pounds = $52 \text{ kg}$ .	174  pounds = 78.7  kg.
Lift	<ul> <li>Screw driven</li> <li>Capacity = 350 lbs. = 136 kg (Overload indicator on rear panel)</li> <li>Range = 3 <sup>1</sup>/<sub>2</sub>" to 48"</li> <li>Speed = 1 <sup>1</sup>/<sub>2</sub>"second with 100 lbs.</li> </ul>	<ul> <li>Screw driven</li> <li>Capacity = 300 lbs. = 159 kg. (Overload indicator on rear panel)</li> <li>Range = 3 <sup>1</sup>/<sub>2</sub>" to 72"</li> <li>Speed = 1 <sup>1</sup>/<sub>2</sub>" second with 100 lbs.</li> </ul>
Battery	<ul> <li>Rechargeable, maintenance-free 12 volt 15 amp-hour AC battery</li> <li>Requires 110VAC input, 15 V output AC</li> <li>Charging indicator on rear panel</li> <li>Provides 125-150 lift cycles per full charge with 100 pound load</li> </ul>	Rechargeable, maintenance-free 12 volt 15 amp-hour AC battery
Wheels	<ul> <li>Two 13" inch rubber rear wheels with stabilizers</li> <li>Two 2 <sup>1</sup>/<sub>2</sub>"multi-directional front casters</li> </ul>	<ul> <li>Two 13" inch rubber rear wheels</li> <li>Two - 2 <sup>1</sup>/<sub>2</sub>"multi-directional front casters</li> <li>Rear stabilizer wheels</li> </ul>
Brakes	10" dual disk brakes on both rear wheels with locking hand brake	10" dual disk brakes on both rear wheels with locking hand brake
End Effecters	Workbench platform, forks, arbor/probe (see page 3 for more information)	Workbench platform, forks, arbor/probe (see page 3 for more information)
Accessories	<ul> <li>24" x 24" steel platform</li> <li>34" x 34" steel pallet</li> <li>Adjustable forks</li> <li>Swivel-tray platform</li> <li>21" x 24" v-tray</li> <li>Pendant Remote</li> <li>Mule Bag</li> <li>Totes, bins, pallets (see page 3 for more information)</li> </ul>	<ul> <li>24" x 24" steel platform</li> <li>34" x 34" steel pallet</li> <li>Adjustable forks</li> <li>Swivel-tray platform</li> <li>21" x 24" v-tray</li> <li>Pendant Remote</li> <li>Mule Bag</li> <li>Totes, bins, pallets (see page 3 for more information)</li> </ul>
Couplers	Standard & Quick Change	Standard & Quick Change
Customization	Available	Available
Storage	Folds to 60"H X 22"W X 13"L	Folds to 84"H X 27"W X 13"L
Warranty	<ul> <li>The Mule = 36 Month Limited</li> <li>Battery = 3 Month Manufacturer's</li> </ul>	<ul> <li>The Mule = 36 Month Limited</li> <li>Battery = 3 Month Manufacturer's</li> </ul>





# **GENERAL INFORMATION**

#### THE MULE DEFINED



The Mule is a very versatile lifter, stacker, transporter and work positioner that can be used in a variety of applications ranging from office environments to heavy manufacturing. The Mule can carry up to 350 pounds and can lift from 3½ inches to 72 inches using its screw drive column (similar to new style garage door openers). The 18 inch by 18 inch workbench platform attachment uses repositionable work blocks to secure different shapes and sizes and has a working vise which expands an additional 10 inches for a variety of applications. Fork end effecters are ideal for lifting and transporting tubs, plastic pallets, bins, packaging rolls and the like. The arbor/probe provides a third ergonomic solution for roll handling. A full line of accessories is available to further define The Mule as an ergonomic

solution of choice. The Mule can move on four wheels like a cart or be rocked back and moved like a hand truck (which is great if you need to go over a curb). Its small footprint and overall design provides access through doorways, into elevators or in between tight work aisles. The unit folds up; so it can be transported by a car or delivery truck and/or stored in a closet.

#### WORKER SAFETY FEATURE



**Proud Member** 

The Mule's design fits the strategic goals for NORA by replacing the pain and strain of manual lifting tasks with good ergonomic positioning. Its large rear wheels allow it to go where other lifts and carts can't. The rear wheels have dual locking disc brakes that allow you to secure the Mule in place for loading and unloading. The locking hand brake and weight overload protection provide additional safety. The

Mule's ability to safely perform manual labor tasks may help reduce an organization's susceptibility to workplace injuries. If The Mule allows you to avoid one back or shoulder injury it has paid for itself at least 10 times over.

#### PURCHASING A MULE

Mules can be ordered through our website, our distributors or by calling us toll free at 866-813-3751 or through our general number [203-874-5329].

#### **RENTING A MULE**

The rental program is designed for those customers that would like to test the unit in their environment to ensure it meets their application's needs. Basic rental periods are one week. For further rental program information contact Beyond Products directly.

#### LEAD TIME

The Mule is made to stock and not to order. This keeps our lead times short and efficient. Consult Customer Service for lead times on custom orders.

#### FREIGHT



#### **Shipping costs:**

#### **Shipment size:**

Mules arrive strapped to a pallet and ready to uncrate. The shipping weight per unit forwarded ranges from 150 - 290 pounds depending on the model.

The customer pays all shipping and handling charges. We will gladly process orders through a customer's preferred shipper or select a shipper based on the best price.

#### **UPON RECEIVING A MULE**



The Mule arriver fully assembled but with the battery disconnected. To connect the battery, fold the column, slide the battery compartment door open (which is located between the rear wheels) and connect the battery to the battery terminals (the wires and battery terminals are color coded). Then connect the charger from The Mule to any 110 volt outlet. When properly connected The Mule's charging indicator light will illuminate, signifying that power is entering The Mule.

#### WARRANTY

#### Warranty coverage:

The Mule comes with a three year limited warranty on parts and labor. The battery is covered by a 90 day Manufacturer's warranty. End Users/Distributors need to complete and return the warranty card so that we have accurate information needed to honor the warranty. If the completed warranty card is not returned, the warranty date for that Mule begins on the date it was shipped from our factory.

#### The warranty is voided upon:

- A. Transfer of product ownership from original end user
- B. Non-authorized person's repair or alteration of a BPI product
- C. A Mule damaged through: abuse; misuse; negligence or accident; improper maintenance/ installation/application, the use of incompatible parts, components, and/or accessories.
- D. Impairment due to Acts of God

#### **SERVICE**

#### **End User self-service:**

Maintenance and service on The Mule is relatively simple. Most end users can service The Mule in-house. Basic service entails periodically lubricating the screw drive column and adjusting the rear braking system. For replacement parts contact Beyond Products directly or your local distributor.

#### End User in need of assisted service:

The distributor who sold the end user their Mule is the first line of service. End users may also gain advice from Beyond Products' Customer Service Department.

#### **RETURNS**

All Mules being returned to Beyond Products must be accompanied by a Returned Goods Authorization (RGA) number. Contact Customer Service to obtain a RGA number, shipping instructions, and applicable re-stocking fees.

### **EQUIPMENT**

#### LIFTING MECHANISM

The Mule features a 12 volt, screw driven lift. The mechanism's self-cleaning ability reduces its general maintenance needs to periodic lubrication.

#### LOAD CAPACITY

The Mule can lift up to 350 pounds of weight.

#### **Overload Protection:**

Loads of approximately 375 pounds or more will stop the lift after it's ascended roughly 6 inches from the ground. At the same time an overload indicator light will illuminate on the back of the Mule's column to signify that the load weight needs to be reduced. When this occurs, lower the Mule attachment as far as possible and decrease the load's weight. Once the weight is within The Mule's load capacity range the unit will reset itself and continue to safely handle material.

#### If the overload indicator illuminates and/or the lift stops during normal use:

The lift screw may not be properly lubricated or may be dirty. Inspect the screw for debris and clean it with a rag or brush. Lubricate the screw with a light spraying of synthetic lube like silicone and raise and lower the lift five or six times.



### BATTERY

The battery is a standard-off-the-shelf 12 volt DC, 15 amp-hour ACM battery.

#### **Required time to charge The Mule:**

A totally dead battery takes up to three days to recharge. But there is no need to wait until the battery is totally dead as it may be trickle charged between uses.

#### **Recharging the battery:**

You recharge the battery just like you charge a cell phone. The charger plugs into the back of The Mule from any 110 Volt AC outlet.

#### Stand alone battery chargers:

Beyond Products offers stand alone battery chargers so end users can keep a fully charged spare battery on hand to maintain The Mule's productivity and minimize the unit's downtime.

#### **FOLDING**

The Mule's ability to fold allows it to be stored without taking up floor space. Folding also compacts The Mule so it may be easily transported within company vehicles, wagons, SUVs and vans. Once folded, The Mule's two sets of independent wheels allow forward and back, as well as, left to right movement.



KEEP THE MULE DRY - especially the motor cover and battery areas.





# **BRANDING THE MULE**



Beyond Products' provides our distributors and customers numerous avenues to gain information on The Mule product line, operation, news and special offers. Below are some of the methods we use to inform our marketplace partners about latest Mule events. Feel free to contact Beyond Products to gain more information on our marketing materials.



### **<u>COMPANY WEBSITE</u>** – beyond-products.com



The Beyond Products' website ("beyond-products.com") contains latest information on product offerings, news, product demonstration movies, an online information request form, corporate contact information, the company's biography, information used to support our distributor network and other useful resources.

### PRODUCT DEMONSTRATION DVD



These CD-ROM videos contain a great 5 minute demonstration of The Mule and its capabilities and play on any computer. Through this visual demonstration, decision makers gain insight on The Mule's ability as an ergonomic solution.

### **PRODUCT LINE CATALOG**



The Mule Product Line Catalog discusses current offerings and provides sample applications for each unit. The catalog also details The Mule's line of end effecters and accessories. Each product listing contains its corresponding weights and measurements.





### **"THIS MULE HAULS" BROCHURE**



The "This Mule Hauls" brochure is a great way to learn more about our 48" workbench platform lift. When combined with our other product information guides one can fully come to see the value The Mule brings our partnered end users.

In support of our distributors' efforts we offer a no cost package consisting of a handsome display stand and two packs of "This Mule Hauls" brochures. Each brochure contains a space for your contact information to be prominently placed so prospective customers can quickly contact you.

### **MULE PRODUCT INFORMATION SHEETS**



Each of our product sheets details a specific Mule offering. Readers can use the information to compare different products to identify the best choice for their needs.



### **APPLICATION GUIDE**



Beyond Products developed this Application Guide to help our customers choose the right Mule product for their application. The criteria is devised in a manner that provides a quick review of the application and available Mule products.





# ERGONOMIC SOLUTIONS FOR ALL MARKETS

The Mule's design, durability and versatility make it the perfect ergonomic material handling device for any market application within its load capacity and lift range. Below are just a few industries where The Mule can prove a valued solution. Contact Beyond Products, or an authorized Mule distributor, to discuss your specific application and The Mule's product line



### **Beyond Products, Inc.**

167 Cherry Street, PMB 410 Milford, CT 06460

Phone: (866) 813-3751 Fax: (203) 878-1065 E-Mail: sales@beyond-products.com Website: www.beyond-products.com





# MARKET CONCEPT DRAWINGS





















