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**The Scharine Group, Inc.**

*We are the business built on Service*

**ISO 9001-9002 Certified**

# CUSTOM FABRICATION

## DOLLY/RACK CATALOG



**Rack on Wheels**

**Turntable Dolly**



## HERCU-HAULER DOLLIES

**Toll-free: 800-472-2880**

**Local: 608-883-2880**

**Fax: 608-883-6987**

**Website: [www.thescharinegroup.com](http://www.thescharinegroup.com)**

**The Scharine Group** is proud to introduce our line of Hercu-Hauler dollies and custom racks. In 1962, Retired Brigadier General Charles Scharine started in the agricultural business. In 1987 Charles was asked to develop sequencing racks and other products for General Motors and Lear Seating. The bolt together dolly he designed was not only durable but could be easily maintained in minutes, without the need of a welder. The length and width could be changed as needed. From this first design came the Hercu-Hauler Dolly which has become the industry leader because of it's flexibility and ergonomically friendly features.

### **The Complete System**

The Scharine Group has the experience and knowledge to offer **“The Complete System”**. From Concept to Engineering to Design to Prototype to the Production of racks and dollies, we can help you with all your material handling needs. This process will save your company time and money.

## **“The Complete System”**

**Engineering**

**+**

**Rack Design**

**+**

**Dolly Design**

**=**



**Customized to Fit your Needs**

# Hercu-Hauler Dollies

## Bolt Together Dolly Modules

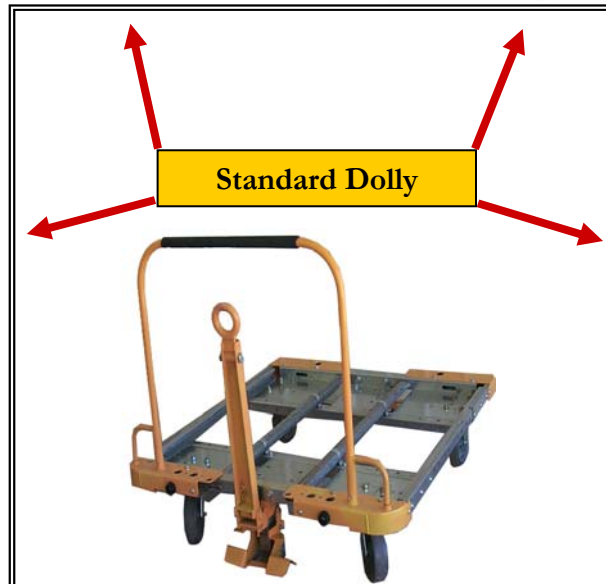
Turntable Dolly



Roller Deck Dolly



Platform Dolly



Standard Dolly



Tilt-Table Dolly

### Bolt Together Flexibility

- The **modular design** allows flexibility to interchange different tops with the standard dolly.
- Custom widths and lengths available.
- Weight Capacities – 2000 lbs.
- Two parts change to adjust the length or width of the dolly for fast changes on the next project.
- Easy to repair. Unbolt damaged part and replace with new part in minutes.
- Tow bar, floor lock, and rear hitch are common to all dollies.
- All dollies are designed with a common tow bar height to allow for the integration of different dollies.
- The racks are designed to be an integral part of the dolly.
- Designed to have flat, raised platform, or turntable top.
- Optional rounded corners for loading into trailers add to the dolly's ergonomically friendly design.

# Hercu-Hauler Dollies

## Welded Dollies



**Fifth Wheel Steering  
30,000 LB. Capacity**



**Welded Dolly  
2000 LB. Capacity**

## Welded Dolly Design

- Designed for companies where flexibility is not the main concern.
- Tow bar, floor lock and rear hitch are common to all dollies.
- All dollies are designed with a common tow bar height to allow the integration of different dollies.
- The racks are designed to be an integral part of the dolly.
- Components from the bolt together dolly are interchangeable on the welded dolly.
- Designed to have flat, raised platform, or turntable top.
- Optional rounded corners for loading into trailers adds to the dolly's ergonomically friendly design.

## Quad-Steer



**Low Profile Caster Quad  
Bolt together  
2000 LB. Capacity**



**Quad-Steer Dolly  
Welded  
2000-8000 LB. Capacity**

## Quad-Steer Dolly Design

- The Quad-Steer dolly has a short turning radius for tight corners.
- No matter how many dollies are hooked together, they track with the first dolly.
- Tow bars and rear hitches are at the industry standard height.
- Steering stabilizer to stop any swaying of cart at higher speeds.
- The Low Profile Quad-Steer dolly is easy to steer "Line Side" by hand.
- Optional steering handle bar available for Low-Profile Quad-Steer dolly.

# Hercu-Hauler Dollies

## Heavy Duty Dollies



**Dolly/Stacking Caps**



**HD Platform Dolly**



**Dolly/Turntable**

## Heavy Duty Dolly Features

- Designed for heavy duty jobs with higher weight capacity of 4000 LBS.
- Designed to be completely welded or a combination welded/bolt together.
- Designed to be integrated into any Scharine dolly system.
- Designed to have flat, raised platform, or turntable top.
- Rounded corners for loading into trailers adding to the dolly's ergonomically friendly design.

## Parts and Service

- Part books are available online and in hard copy.
- As dolly improvements are added they can be retro-fitted to previous models
- A Floor Lock refurbishing program is available to reduce repair costs.
- In most cases, Scharine carries an inventory of parts to provide next day parts delivery.
- Dolly reconditioning programs available.

# Turntable Release System Options

**Standard  
Turntable**



**Three pedal turntable release system located on both sides and rear of dolly with auto lock.**

**Raised  
Turntable**



**Hand operated turntable release system with auto lock.**

**Heavy duty  
Turntable**



**Two rear pedal turntable releases located on both sides of dolly with auto lock.**

# Hercu-Hauler Dolly Components

## Turntable Deck Options



**Aluminum Turntable Deck**

**Steel Turntable Deck**

- 3/8 inch thick aluminum.
- 1/2 the weight of steel.
- 3 times the cost of steel

- 1/4 inch thick steel
- Twice as heavy as aluminum
- 1/3 the cost of aluminum

## Caster Options



**8" Caster Concept  
Polyurethane**



**12" Caster Concept  
Polyurethane**



**8" Wicke  
Polyurethane**



**8" RWM  
Polyurethane**



**12" Colson Performa**



**15" Foam Filled  
Quad-Steer**

# Hercu-Hauler Dolly Components

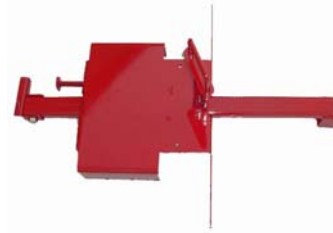
## Tow Bar Options



**5195F**  
Tip Up Tow Bar  
Dolly Build



**5185F**  
Tip Up Tow Bar  
Rack Build



**590008**  
Retractable  
Tow Bar



**6500HD**  
Heavy Tow Bar/Floor Lock  
Built-in Auto Release



**6120**  
Heavy-Duty Tow Bar



**4730**  
Pintle Ring w/Pin

## Floor Lock Options



**4400F**  
Front Floor Lock  
Available in 6" and 8"



**5165**  
4400F Auto Release



**4400S**  
Side Floor Lock  
Available in 6" and 8"

# Hercu-Hauler Dolly Components

## Parts and Service

- Part books are available online and in hard copy.
- As dolly improvements are designed they can be retro-fitted to previous models
- A Floor Lock refurbishing program is available to reduce repair costs.
- Scharine carries an inventory of parts to provide next day delivery.

### Rear Hitch Options



**500008  
Rear Hitch**



**Low Profile Hitch  
6900**

### Push/Pull Handlebar Options



**4801 Standard Dolly**  
**4802 Heavy Duty Dolly**

### Tugger Receiver 6600



# Hercu-Hauler Supplies

## Rack and Dolly Manufacturers

### Components for Rack on Wheels or other Dollies



**4730 Pintle Ring  
w/Pin**



**5185F  
Tow Bars**



**4400F  
Floor Lock**



**5165 Floor Lock  
Auto-release**



**500008 Rear  
Hitch**



**8" Maintenance-  
Free Polyurethane  
Caster**

- These components are considered the industry standard because of the proven durability and ergonomically friendly design.
- The rack on wheels component kit allows integration between dollies and racks on wheels. Same hitch heights and user friendliness.
- All components are stocked for quick delivery.

# Hercu-Hauler Dolly/Rack Equipment



5185 Tow Bar/Rack



500008 Rear Hitch/Rack



5185ASM Tow Bar  
ASM/Rack

## Dolly Lifts



# Battery Powered Mother/Daughter Dolly



- Self contained and user friendly.
- Push button to raise and lower inside racks
- Eliminates ergo problems and cycle speed issues.
- Includes 110v charger.
- A single charge lasts up to a week depending on the number of cycles



- Control Switch
- Hydraulic Ram (both ends)
- Charger
- Battery
- Fluid Reservoir

# Hercu-Hauler Dollies

## Examples



Barrel dolly



Manual tilt table



Mother cart



Top hat six wheeled

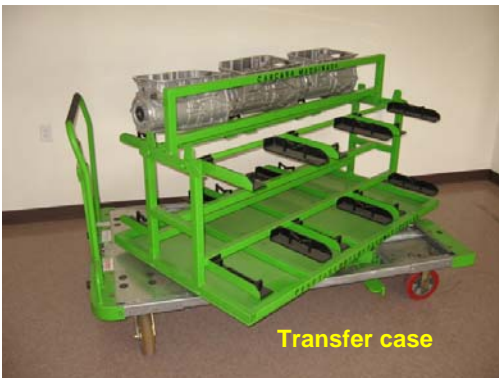


Hand Release Turntable  
raised top



Roller deck turntable

# Customized Racks



# Customized Dollies



# Hercu-Hauler Dollies

## Examples



**Top Hat w/Quad-Steer**



**Pocket rack**



**Upper Valve Body Assembly**



**Transmission housing**



**Walk In/Open Platform Dolly**



**Fuel tank caster quad**

# Sequencing Equipment

## Trailer Rails Kit



- Protects and secures dollies during transit.
- The trailer system is durable and easy to maintain.
- Provide us with a new or existing trailer and Scharine will install the complete trailer system.



The sequencing equipment shown above provides the most efficient system to move dollies in and out of trailers, from building to building, and within your supply chain.



9940  
Single Rail Lock



9941  
Double Rail Lock



2106  
Ratchet



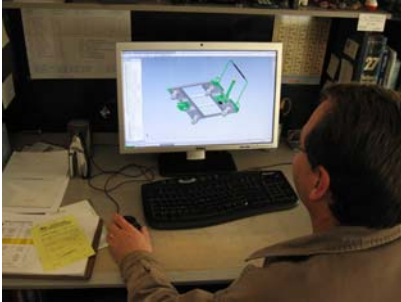
9942  
Rail Lock Pin

# The Complete System

Scharine offers two generations of experience designing racks and dollies. The “Complete System” concept is the most efficient and cost effective process to design and build your racks and dollies.

**We Can Do The Entire Job. From Concept To Design To Prototype To Production.**

## DESIGN



**We design custom racks using SolidWorks 3D or AutoCAD**

## RACK



**Ship the part to us. Describe the parameters and let us design the rack.**

## RACK/DOLLY



**The bolt together design is flexible and durable. Designing the rack and dolly together gives you the complete system.**

## THE COMPLETE SYSTEM



**“The Complete System” will work the way it’s designed.**

# New powder coating system at Scharine's!!!



**\*All types of powder projects welcome!**

## A better product for our customer!!

**State of the art powder coating spray booth system!**



**State of the art batch oven.  
24' x 10' x 10'**



**Energy efficient 6" wall furnace.  
"Huge inside dimension"**



**Large steam wash and treatment bay.  
Environmentally friendly wash system.**



# THE SCHARINE GROUP, INC.

## CUSTOM FABRICATION



## The Original Hercu-Hauler I

**ISO9001-9002 Certified**

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