



**HEAVY DUTY  
TIRE DOWNENDER**



**SCISSOR LIFT WITH TILTER**

## **RISING TO THE CHALLENGE**

Omni Metalcraft Corp. provides quality tilting and upending equipment found in many industries and applications. Our design team has the ability to customize the equipment to suit the specific need of the customer time after time. These items are utilized often to reposition equipment, totes, bins, coils and rolls and are a key factor in improving efficiency in assembly and other production applications.



**CUSTOM LIFT WITH TILTER  
AND TRANSFER CAR**

# TILTERS AND UPENDERS



## SHOP AID (TT-HS) TILTERS

Positions baskets and bins for employees

The tilter is the ideal addition to any work station to assist the worker in accessing components or parts in baskets or bins to reduce bending and back fatigue. The tilter can be stand alone or mounted to a table or scissor lift. The shop aid tilter is available in a wide variety of capacities and tilting angles to accommodate most applications.

### STANDARD FEATURES

- Hand tool removable pins and bushings for ease of maintenance
- 1 H.P. and 3 H.P. internal power units with optional power units available
- Hand pendant controller with 10 foot leads
- Standard 8" end stop

TILT MODEL	LOAD CAPACITY	LOWERED HEIGHT	TILT STD. RETURN	PLATFORM DIMENSIONS W X L		RAISING AND LOWERING	STANDARD MOTOR
				STANDARD	MAXIMUM		
<b>30°</b>							
TT-HS-15-30-2000-24-36	2000	10"	GRAVITY	24" X 36"	60" X 60"	11 SEC	1 H.P. INTERNAL
TT-HS-15-30-4000-24-36	4000	10"	GRAVITY	24" X 36"	60" X 60"	15 SEC	1 H.P. INTERNAL
TT-HS-15-30-6000-24-36	6000	10"	GRAVITY	24" X 36"	60" X 60"	20 SEC	1 H.P. INTERNAL
<b>45°</b>							
TT-HS-15-45-2000-24-36	2000	10"	POWER	24" X 36"	60" X 60"	15 SEC	1 H.P. INTERNAL
TT-HS-15-45-4000-24-36	4000	10"	POWER	24" X 36"	60" X 60"	20 SEC	1 H.P. INTERNAL
TT-HS-15-45-6000-24-36	6000	10"	POWER	24" X 36"	60" X 60"	27 SEC	1 H.P. INTERNAL
<b>60°</b>							
TT-HS-15-60-2000-24-36	2000	10"	POWER	24" X 36"	60" X 60"	16 SEC	1 H.P. INTERNAL
TT-HS-15-60-4000-24-36	4000	10"	POWER	24" X 36"	60" X 60"	28 SEC	1 H.P. INTERNAL
TT-HS-15-60-6000-24-36	6000	10"	POWER	24" X 36"	60" X 60"	42 SEC	1 H.P. INTERNAL

## INDUSTRY, APPLICATIONS AND OPTIONS

### STANDARD PRODUCTS WORKING WITH TILTERS



### STANDARD OPTIONS AVAILABLE



### INDUSTRY FOR TILTING AND UPENDING EQUIPMENT

- Automotive
- Metal and Steel
- Distribution and Warehousing
- Wood and Paper
- Furniture Manufacturing
- Textiles

### APPLICATIONS FOR TILTING AND UPENDING EQUIPMENT

- Assembly
- Box and Tote Handling
- Tire and Wheel Handling
- Wood Finishing
- Drum Handling
- Pallet Inverting



## UPENDERS (UP-HS)

Positions odd shaped and heavy loads

The upender is ideal for the repositioning of large odd shaped objects such as rolls or coils. V-shaped cradles or conveyor can be mounted to the platform to assist with pallet, roll handling or crate repositioning.

### STANDARD FEATURES

- 3 H.P. external power unit
- Hand pendant controller with 10 ft. leads
- Industrial agriculture cylinders

UPENDER MODEL	LOAD CAPACITY	LOWERED HEIGHT	PLATFORM DIMENSIONS W X L		MAXIMUM PLATFORM	RAISING AND LOWERING	STANDARD MOTOR
			STANDARD PLATFORM A	STANDARD PLATFORM B			
90°							
UP-HS-15-90-2000-48-48-48-48	2000	12"	48" X 48"	48" X 48"	60" X 72"	14 SEC	3 H.P. EXTERNAL
UP-HS-15-90-4000-48-48-48-48	4000	12"	48" X 48"	48" X 48"	60" X 72"	28 SEC	3 H.P. EXTERNAL
UP-HS-15-90-6000-48-48-48-48	6000	12"	48" X 48"	48" X 48"	60" X 72"	42 SEC	3 H.P. EXTERNAL
UP-HS-15-90-8000-48-48-48-48	8000	14"	48" X 48"	48" X 48"	60" X 72"	48 SEC	3 H.P. EXTERNAL

## DESIGNING SOLUTIONS

### PASS THRU UPENDER

The Pass Thru Upender was utilized for an extended assembly line that needed to move product throughout the facility. Occasionally the product mix would change requiring a need to invert or upend the load. The facility did not allow for the space to have two separate lines to meet their occasional needs, so the customer came to Omni for a solution.

### THE SOLUTION

Our product teams worked together to design the Pass Thru Upender. This piece of equipment provides the ability to upend or tilt the load when needed. One platform is integrated with belt conveyor while the other platform has gravity conveyor, so when tilting or upending of product is not necessary, it functions as a regular conveying system.

### HOW DOES IT WORK?

The Pass Thru Upender breaks away into a flat conveyor system for the conveying of specific products. When the product mix changes, the line is easily converted to handle the products that need to be upended. The Pass Thru Upender angles up into its 90° position, locks into place, and is now a full functioning upender. When the line converts back to the original mix, it is a simple conversion back to the flat conveyor system.



**OmniMetalcraft** corp.

For more information visit [www.omni.com](http://www.omni.com)

# STAINLESS STEEL AND BUILT TO ORDER

Omni Metalcraft Corp. is able to provide unique equipment designs (or any special features necessary) to meet the requirements of your specific application. Omni combines industry experience, proven engineering standards and design flexibility to provide the right solutions for applications that require stainless steel materials or the integration of other material handling equipment. We encourage you to challenge us with your custom equipment, whether for food handling or a washdown application in a harsh environment, Omni can provide the solution.



## COMMON BUILT TO ORDER REQUESTS

- Stainless steel cylinders and wash down power units
- High cycle auto lube packages
- Tilters and upenders integrated with assembly fixtures and other equipment
- Scissor lifts with tilters for assembly applications
- Custom platform configurations
- Private labeling

## OMNI REMAN PROGRAM

### GIVING YOUR EQUIPMENT A NEW LEASE ON LIFE

What is the Omni Reman Program?

Simply stated, remanufacturing is a process whereby the original product is disassembled, the welds are inspected, parts are cleaned, corrosion and rust are removed, worn or obsolete parts are replaced and the equipment is painted and reassembled to sound working conditions that meet or exceed Omni's original specifications. A "restored to new condition" piece of equipment will be returned to the customer with a matching warranty at a fraction of the cost of purchasing new equipment. The customer is entitled to participate in this program with the purchase of a scissor lift, tilter or upender. For more information on the Omni Reman Program, contact us today.



**SCISSOR LIFT BEFORE REMANUFACTURING**

## ADVANTAGES OF REMANUFACTURING

- Increased return on investment
- Extended life cycle on existing equipment
- Remanufactured to OEM specifications, not a third party's
- "As good as new or better", with a warranty to match
- Equipment can be retro-fitted at time of remanufacture with other equipment
- Equipment will be up to date with the latest safety requirements



**SCISSOR LIFT AFTER REMANUFACTURING  
RETROFITTED WITH TILTER**



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*Your company will be participating in the ultimate form of recycling, decreasing expenditures and preserving resources*