

# SHARPER-IMAGE

Series of Diamond Head Squeegee Sharpeners



*Tabletop Model*

**A RAZOR-SHARP SQUEEGEE  
GIVES YOU THE BEST POSSIBLE PRINT QUALITY**




*Floor Model*



 4321 N. Knox Ave., Chicago IL, 60641

 [www.awt-gpi.com](http://www.awt-gpi.com)

 [sales@awtworldtrade.com](mailto:sales@awtworldtrade.com)

 773.777.7100  773.777.0909

# SHARPER-IMAGE

## Series of Diamond Head Squeegee Sharpeners

### AUTO-CUT FLOOR MODELS



### ADVANTAGES

- Over-sized Diamond wheel provides sharpest possible cut
- Diamond wheels last for years; just needs to be cleaned
- Saves labor by automating squeegee sharpening
- Replacement belts no longer required
- Heavy-duty motor reduces heat and friction
- Adjustable universal clamping system accommodates all squeegees
- Sharpens to all durometers without distortion
- Quick diamond-head wheel changeover
- Fast setup with parallel squeegee adjustment
- Safety guards on cutting heads and drives
- Heavy-duty construction for years of reliable performance

Reduce ink costs, reduce labor costs and improve print quality by keeping your squeegee blades in optimal condition with the Sharper-Image™ Diamond Wheel Squeegee Sharpener from AWT World Trade.

Diamond wheel sharpening heads produce square, center-sharp and rounded edges in coarse, medium, and fine grits. Oversized sharpening heads operate at fewer revolutions per minute, reducing heat friction that can compromise the integrity of squeegee rubber. A steel enclosure assures maximum operator safety.

The Sharper-Image auto-cut floor model offers fully automated operation and utilizes a vacuum-powered debris removal system. The main control panel features micro-dial indicators and variable speed control.

Available in both tabletop and floor models, there is a Sharper-Image unit to meet the demands of every screen printing workshop or production facility.

Sharper-Image Squeegee Sharpeners are available in a range of sizes from 24" to 144".

## LABOR SAVING | IMPROVES PRINT QUALITY

Sharper-Image Auto-Cut Floor Models provide fully automated operation in sizes from 36-144". A built-in vacuum system removes dust and airborne particulates. An upfront control panel provides easy access to carriage, grinder, and vacuum controls.

The adjustable camber feature pre-bows the squeegee and variable speed carriage drive and cutting head deliver fast, accurate cutting and shaping of squeegee blades. The universal adjustable squeegee clamping system works with any squeegee, and micro gauges indicate cutting depth for even greater accuracy.

### Standard Features

- Adjustable camber control
- Vacuum-powered dust removal system
- Fully-automated cutting
- Micro-gauge indicators
- Wheel cooling and cleaning system
- Variable speed control
- 6" diameter, 220 grit, square-edge diamond wheel
- Universal squeegee clamping system

### Options & Accessories

- 3/8" Rounded 6" Diamond Wheel; available with 120-, 220- or 390-Grit
- 3/4" Square Edge 6" Diamond Wheel; available with 120-, 220- or 390-Grit
- 3/8" Single-Sided 6" Diamond Wheel; available with 120-, 220- or 390-Grit
- 3/8" Single-Sided 6" Diamond Wheel 220-Grit
- 3/8" Single-Sided 6" Diamond Wheel 390-Grit
- 3/8" Center Sharp 6" Diamond Wheel; available with 220- or 390-Grit
- 3/16" Center Sharp 6" Diamond Wheel; available with 220- or 390-Grit
- Electrical conversion to 220 V, 1Ph, 50 Hz

### Specifications

CAT. NO.	DESCRIPTION	ELECTRICAL*
SI-48	48" Sharper-Image Automatic Diamond Wheel Sharpener	115V, 1PH, 60HZ
SI-60	60" Sharper-Image Automatic Diamond Wheel Sharpener	115V, 1PH, 60HZ
SI-88	88" Sharper-Image Automatic Diamond Wheel Sharpener	115V, 1PH, 60HZ
SI-100	100" Sharper-Image Automatic Diamond Wheel Sharpener	115V, 1PH, 60HZ
SI-120	120" Sharper-Image Automatic Diamond Wheel Sharpener	115V, 1PH, 60HZ
SI-144	144" Sharper-Image Automatic Diamond Wheel Sharpener	115V, 1PH, 60HZ

\*Note: Electrical conversion to 220 V, 1 PH, 50 Hz is available—see Options and Accessories above.



# SHARPER-IMAGE

Series of Diamond Head Squeegee Sharpeners

## TABLETOP MODELS



## ADVANTAGES

- Ideal for use on smaller squeegees
- Easy to set up and operate
- Oversized sharpening wheel reduces heat and friction
- Smooth, friction-free squeegee movement
- Universal adjustable squeegee clamping system—holds all squeegees

Heavy-duty Sharper-Image Tabletop Models are ideal for use with smaller squeegees, producing similar results as our larger models in sizes from 24-60". Easy to set up and operate, the tabletop model features an oversized sharpening wheel for reduced heat and friction to produce sharp, well-defined edge profiles.

The spring steel platform facilitates smooth, friction-free squeegee movement, and the universal adjustable squeegee clamping system works with any squeegee. The enclosed chamber captures most debris and is vacuum-ready for the optional dust-removal system.

# EASY SET UP & OPERATION | SMOOTH SQUEEGEE MOVEMENT

## Standard Features

- 3" diameter, 220 grit, square-edge diamond wheel
- Heavy-duty motor for fast sharpening
- Vacuum-ready chamber to capture debris and cool sharpening wheel; reduces clogging and cleanup time
- Spring steel platform—easy, friction-free squeegee movement for uniform sharpening

## Options and Accessories

- Vacuum system
- 24", 36", 48" or 60" squeegee holding assembly—for AWT and other equipment with 1" holding bars
- 3/8" square edge, 3" diamond wheel—120, 220 or 390 grit\*
- 3/8" center-sharp edge, 3" diamond wheel—120, 220 or 390 grit
- 3/8" rounded edge, 3" diamond wheel—120, 220 or 390 grit
- 3/8" single-side beveled edge, 3" diamond wheel—120, 220 or 390 grit
- 3/16" center sharp edge, 3" diamond wheel—120, 220 or 390 grit
- Any grit is available, with the most common grits being 390 fine; 220 medium; 120 coarse. 390 grit, however, is recommended to polish in one pass.
- 220 V, 1PH, 50Hz electrical

## Specifications

CAT. NO.	DESCRIPTION	ELECTRICAL REQUIREMENTS
SI-24TM	24" Sharper-Image tabletop model manual diamond wheel sharpener	115V, 1PH, 60Hz*
SI-36TM	36" Sharper-Image tabletop model manual diamond wheel sharpener	115V, 1PH, 60Hz*
SI-48TM	48" Sharper-Image tabletop model manual diamond wheel sharpener	115V, 1PH, 60Hz*
SI-60TM	60" Sharper-Image tabletop model manual diamond wheel sharpener	115V, 1PH, 60Hz*

Electrical conversion to 220 V, 1 PH, 50 Hz is available—see Options and Accessories above.





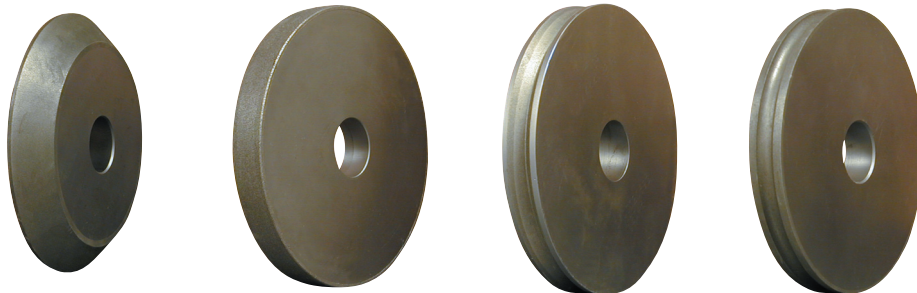
## Smooth, sharp cuts for crisp, consistent results

A sharp, well-defined squeegee blade is essential for image quality and consistent results. AWT's Sharper-Image Series of Diamond Head Squeegee Sharpeners lets screen printers keep their squeegees in optimal condition, delivering accurate edges for uniform squeegee pressure and improved ink control. All Sharper-Image units are convenient, safe, and easy to operate, with fast setups and easy changeover of sharpening wheels. Sharpening wheels are available in a variety of shapes for all screen printing applications. With both Floor and Tabletop models available, there is a Sharper-Image unit for every screen printing operation.

### Advantages of Diamond Head Wheels

Diamond Head sharpening wheels provide the sharpest and highest-quality squeegee cut available for outstanding accuracy and edge definition. The diamond head delivers an extremely clean cut on most squeegee blade materials.

Sharper-Image units are available with a variety of cutting wheel shapes including center sharp, rounded, square edge, and single-sided beveled edge. Diamond head wheels are available in coarse, medium, and fine grits for cutting, polishing, and shaping. The Sharper-Image's oversized sharpening wheels prevent heat distortion on squeegee blades by operating at fewer revolutions per minute than smaller wheels. Sharper-Image sharpening wheels can be changed quickly and safely for optimal control over the squeegee shaping process.



**Diamond Head Shapes (left to right):** Center Sharp, Rounded, Square Edge and Single-sided Beveled Edge.

©2022 AWT World Trade Inc. No part of this literature may be reproduced without written permission. Specifications subject to change without notice. #LIT-308 2-28-22

A Company with  
proven experience.



AWT  
World Trade Inc.

Products  
you can trust.

# THE AWT WORLD TRADE GROUP

***Combining state-of-the art engineering expertise and creativity with outstanding customer service to provide quality, consistency, and value to the screen printing industry for more than 40 years***

The AWT World Trade Group offers screen printers a complete manufacturing source for machinery, parts, supplies, accessories, and remanufactured equipment. AWT develops comprehensive systems that work efficiently and economically to avoid printing errors, reduce production downtime, and keep your operation profitable. Experience has shown that utilizing a single manufacturing source greatly reduces potential equipment incompatibility issues.

Our experienced sales, engineering, and technical support personnel will assist you in selecting the optimal screen printing system and equipment for your company's particular needs, or with ordering supplies and accessories from our extensive inventory.

With unparalleled proficiency in technical support and service, our staff will quickly and confidently guide you through the ordering, installation, and setup processes, and answer any questions you may have. We can also custom design a system for your specific application.

Founded in 2002 with the acquisition by AWT World Trade and Graphic Parts International of American Screen Printing Equipment, the AWT World Trade Group has further expanded its range of products and services with the establishment of Specialized Safety Products in 2008, the acquisition of General Cylinder Presses in 2010, and the acquisition of Saturn Racks in 2011.

## **CORPORATE HEADQUARTERS AND MANUFACTURING FACILITIES**

AWT World Trade, Inc.  
4321 N. Knox Avenue, Chicago, IL 60641 USA  
773.777.7100 • Fax: 773.777.0909  
**sales@awtworldtrade.com**  
**www.awt-gpi.com**

## **SALES AND DISTRIBUTION**

*Serving the Eastern U.S., Central and South America*

AWT World Trade, Inc.  
8550 N.W. 93rd Street, Medley, FL 33166 USA  
305.887.7500 • Fax: 305.887.2300  
**floffice@awt-gpi.com • www.awt-gpi.com**



AWT World Trade Inc.  
**awt-gpi.com**



**Saturn Rack™**  
**saturnrack.com**



**GRAPHIC PARTS  
INTERNATIONAL INC.**  
**gpiparts.com**



**American**  
**screenprintmachinery.com**



**GENERAL CYLINDER PRESSES**  
**generalcylinderpresses.com**

***Companies with proven experience. Products you can trust.***