

SHARPER-IMAGE™

*Moving Ahead
With Technology*

Diamond Head Squeegee Sharpener



**Auto-cut
Floor Model**



**Heavy-duty
Table Model**

ADVANTAGES

- Over-sized wheel - operates at lower RPMs to reduce heat and friction, which can destroy squeegee blades
- Diamond sharpening wheel - provides sharpest cut possible
- Vacuum dust-removal system (standard on Auto-cut models) - keeps area clean and further reduces heat buildup
- Fast setup with parallel squeegee adjustment
- Safety guards on cutting head and drives
- Micro-gauge (standard on Auto-cut models) indicates cutting depth - for extremely accurate results
- Sharpens all durometers without distortion

A.W.T.'s Sharper-Image™ will reduce your ink costs and improve print quality by always providing you with sharp squeegee blades. Instant clamps easily lock the squeegee blade in position, while easily-accessible knobs quickly adjust the blade's parallel position for precise sharpening.

Diamond wheel sharpening heads produce square, center sharp, rounded and beveled edges in coarse, medium and fine grits. Sharpening heads are oversized to operate at fewer revolutions per minute while reducing the level of heat friction that can destroy squeegee rubber. A built-in vacuum system (standard on Auto-cut models) keeps the sharpening area clean.



Manufactured by

A.W.T. World Trade, Inc.
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SHARPER-IMAGE™ SQUEEGEE SHARPENERS

Easy to Operate - Smooth, Sharp, Accurate Cuts

Screen printers understand the importance of sharp squeegees. Without a well-cut squeegee, printers can experience streaks and skips, compromising the quality of the final print.

The Sharper-Image™ consistently produces accurate edges while controlling ink and squeegee pressure uniformity. It is an especially ideal squeegee sharpener for blades that print UV inks or clear coatings.

Types & Sizes to Fit Any Print Shop or Application

With both Auto-Cut and Table models available, the Sharper-Image is available to meet the demands of every screen printer.

Auto-Cut Models

The Auto-Cut Floor models provide fully automated operation. Sizes range from 38" up to 144", with custom sizes available.

Standard features -- such as diamond head wheels and quick changeover, over-sized motor for fast sharpening, a universal adjustable squeegee clamping system to hold all squeegees, and micro-dial indicators -- put the Sharper-Image Auto-Cut models in a class by themselves. The spring steel platform provides easy, no-friction sliding of the squeegees, giving you uniform sharpening. The up-front control panel provide easy access to carriage, vacuum and grinder controls. The built-in vacuum system removes squeegee particles, and



the enclosed chamber captures the debris while sharpening, keeping the area clean.

Add to those advantages an adjustable camber control that pre-bows the squeegee and variable speed power driven heads and carriage, and you have the highest accuracy possible while sharpening.

Table Models

The heavy-duty Sharper-Image table models are ideal for use on smaller squeegees. Designed to produce



the same results as the larger models, the table model is easy to set up and operate, and comes complete with an over-sized (3" diameter)

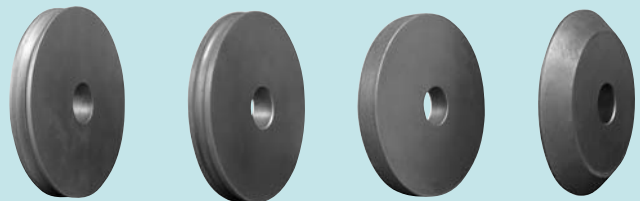
sharpening wheel, model sizes ranging from 24" up to 60", vacuum chamber and extra heavy-duty motor. The table Sharper-Image utilizes a vacuum chamber, with a vacuum removal system available. Maximum operator safety is assured with complete Guard Enclosure for operator safety on larger models.

The Advantages of Diamond Wheels

Diamond Wheels provide the highest quality squeegee cut available. When properly maintained using a simple cleaning technique, diamond wheels are virtually indestructible.

The Sharper-Image offers various shaped diamond wheels in Coarse, Medium and Fine Grits for cutting, polishing and shaping.

The oversized sharpening heads reduce heat distortion on squeegees by operating on fewer revolutions per minute. All sharpening wheels can be changed quickly and safely to produce the smoothness, accuracy and the sharpest edge essential to high-quality screen printing.



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



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FLOOR & TABLE-TOP MODELS

The Right Size for Any Print Shop and Application

AUTO-CUT FLOOR MODEL

Standard Features

- Adjustable chamber control
- Wheel cooling & cleaning system
- Quick diamond head wheel changeover
- Dust collecting system
- Micro-dial indicators
- 6" diameter, 220 grit, Square Edge diamond wheel
- Variable speed
- Automatic cutting
- Will hold any squeegee handle

Options & Accessories

- 3/4" Square Edge 6" Diamond Wheel - 220 or 390 grit*
- 3/8" Center Sharp Edge 6" Diamond Wheel - 220 or 390 grit
- 3/8" Rounded Edge 6" Diamond Wheel - 220 or 390 grit
- 3/8" Single-sided Beveled Edge 6" Diamond Wheel - 220 or 390 grit
- 3/16" Center Sharp Edge 6" Diamond Wheel - 220 or 390 grit
- 220 V, 1 PH, 50 Hz electrical

* Any grit is available, with the most common grits being 390 Fine, 220 Medium and 120 Coarse; 390 grit, however, is recommended to polish in one pass

Specifications

Model	Description	Electrical Requirements
SI-38	38" Sharper-Image Automatic Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-48	48" Sharper-Image Automatic Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-60	60" Sharper-Image Automatic Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-88	88" Sharper-Image Automatic Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-100	100" Sharper-Image Automatic Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-120	120" Sharper-Image Automatic Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-144	144" Sharper-Image Automatic Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*

* Electrical conversion to 220 V, 1 PH, 50 Hz is available - see Options & Accessories above



The Sharper-Image Auto-Cut models come standard with a wheel cooling and cleaning system.



Features include variable speed and adjustable chamber control.

**Need high-quality squeegee blades, fabric and frames?
Be sure to ask for a copy of our Supply Catalog!**

FLOOR & TABLE-TOP MODELS

The Right Size for Any Print Shop and Application

CTABLE MODEL

Standard Features

- 3" diameter, 220 grit, Square Edge diamond wheel
- Over-sized motor for fast sharpening
- Universal adjustable squeegee clamping system - holds all squeegees
- Enclosed, vacuum-ready chamber to "capture" most debris while sharpening
- Spring steel platform - easy, no-friction sliding of squeegee for uniform sharpening

Options & Accessories

- Vacuum System, 115 V, 1 Ph, 60 Hz
- 24" Squeegee Holding Assembly - for A.W.T. and other equipment with 1" holding bars
- 36" Squeegee Holding Assembly - for A.W.T. and other equipment with 1" holding bars

- 48" Squeegee Holding Assembly - for A.W.T. and other equipment with 1" holding bars
- 60" Squeegee Holding Assembly - for A.W.T. 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
- 220 V, 1 PH, 50 Hz electrical

* Any grit is available, with the most common grits being 390 Fine, 220 Medium and 120 Coarse; 390 grit, however, is recommended to polish in one pass

Specifications

Model	Description	Electrical Requirements
SI-24TM	24" Sharper-Image Table Model Manual Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-36TM	36" Sharper-Image Table Model Manual Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-48TM	48" Sharper-Image Table Model Manual Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*
SI-60TM	60" Sharper-Image Table Model Manual Diamond Wheel Sharpener	115 V, 1 PH, 60 Hz*

* Electrical conversion to 220 V, 1 PH, 50 Hz is available - see Options & Accessories above

For an A.W.T. dealer near you, contact:



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