

# serilor® MAXITRONIC

115-120v: MXTR-137; MXTR-148

220v: MXTR-237; MXTR-248

The medium size, fully automatic precision squeegee sharpener with two industrial strength diamond sharpening wheels. This free-standing unit can sharpen 37" (94cm) in models MXTR-137 - MXTR-237 and up to 48" (122 cm) in models MXTR-148 - MXTR-248.



## MACHINE SPECIFICATIONS:

**SHARPENING LENGTH:** MXTR-137; MXTR-237: 37" (94 cm) - MXTR-148; MXTR-248: 48" (122cm).

**SHARPENING PROFILE:** Two straight/square-edge wheels supplied as standard (other profiles and custom wheels available).

**DIAMOND WHEEL GRIT:** #120 and #230 grit supplied standard (other grit sizes available).

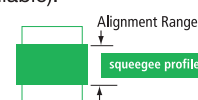
**MATERIAL REMOVAL:** Recommended rate not more than 0.0025" (0.05-0.10mm) in a single pass.

**BLADE HEIGHT TOLERANCE:** +/- 0.006" (0.15mm) measured from end to end.

**POWER REQUIREMENT:** MXTR-137; MXTR-148 = 115-120v AC 2Amp; MXTR-237; MXTR-248 = 220-230v AC 1Amp - Please specify.

**PHYSICAL SIZE:**

- **37" ( 94cm) Model:** Length: 57" (145 cm) Height: 46" (117 cm) Width: 27" (69 cm).
- **48" (122cm) Model:** Length: 73" (185 cm) Height: 46" (117 cm) Width: 27" (69 cm).



## ADVANTAGES:

- Sharpens a wide range of squeegee materials (**some materials sharpen better than others\***), including single and multiple durometer.
- Uniform grinding pressure and adjustment for material removal.
- Secures squeegee by the blade during sharpening.
- Accommodates various squeegee holders.
- Includes two industrial strength diamond wheels with a 5-year warranty against diamond wear with normal use.
- Includes vacuum system on 100-115V models. 220V models supplied with spare parts kit. (Vacuum to be supplied locally by customer).

## SELECTION OF OPTIONAL GRIT SIZES AND PROFILES INCLUDING CUSTOM DESIGNED DIAMOND WHEELS.

**SQUARE/STRAIGHT (#60, #120, #230, # 360 GRIT)** Sharpens standard square-edge squeegees.

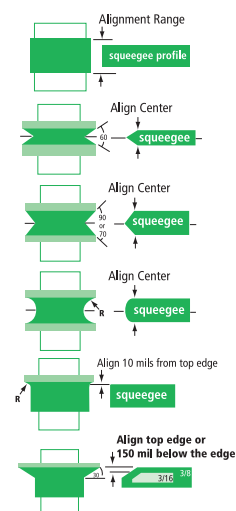
**CENTER-SHARP (#220 OR #360 GRIT)** Includes 60° angle for beveling 3/16" (5mm) squeegees. Improves printing rough or uneven substrates.

**CENTER-BEVEL (#220 GRIT)** Two angles available (70° or 90°) for beveling standard 3/8" (9.5mm) squeegees. Improves printing on rough or uneven substrates.

**ROUND (#120 GRIT)** Rounds edges on standard 3/8" (9.5mm) squeegees for heavier ink deposit.

**ROUND/SHARP COMBO (#120 GRIT)** Rounds only one edge of 3/8" (9.5mm) or 3/16" (5mm) squeegees for variable ink deposit applications.

**CHISEL (#230 GRIT)** Includes 30° angle for chisel profiling 3/8" (9.5mm) or 3/16" (5mm) squeegees. Improves printing on 3-D substrates.



**\*BEFORE SHARPENING A SQUEEGEE,** consider the quality and age of the material as well as how clean it is.

1. **Identify the type of material.** Different squeegee blades sharpen differently. Most polyurethane, neoprene, and rubber blades sharpen well. A few, however, are made with special formulations that impart very high abrasion resistance. Such blades may take a long time to sharpen and overheat during the process. Others have thermo-plastic fillers added for ease of fabrication and sharpening. These may melt at relatively low temperatures. If you have such problems or questions about your material, please contact us.

2. **Check for aging of the material.** Most polyurethane squeegees will experience modifications to their physical characteristics with time. Signs of aging include: changed durometer, lost resilience, and lowered melting point. When this happens, the squeegee will tend to melt onto the sharpening wheel or show a fractured edge after sharpening.

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