

## Accessories



### BLADE RUNNER

This revolutionary unit utilizes compressed-air driven components and screen cleaning solvents to wash ink from squeegee blades quickly and efficiently right on the production floor.



### SQ - Cutter & SQ - Clipper

A set of handy, economical tools created specifically for cutting and rounding squeegee blade material. Designed for cutting squeegee material to desired lengths, the **SQ-Cutter** leaves clean, precise ends on any width, thickness or durometer.

Fast and simple to operate, the **SQ-Clipper** snips away sharp squeegee corners, eliminating wear and tear on screen mesh.

### Diamond - Fine

Diamond-Fine surpasses all other manual devices for polishing squeegee edges.

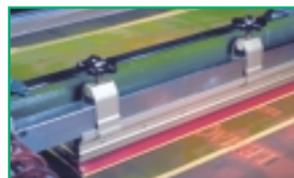
## serilor® Blade System



**serilor® SR 1&3**  
Universal blade



**serilor® HR 1&3**  
High resistance squeegee blade



**serilor® MACH**  
Machine squeegee holders



**serilor® CD**  
Compact Disc screen printing blade



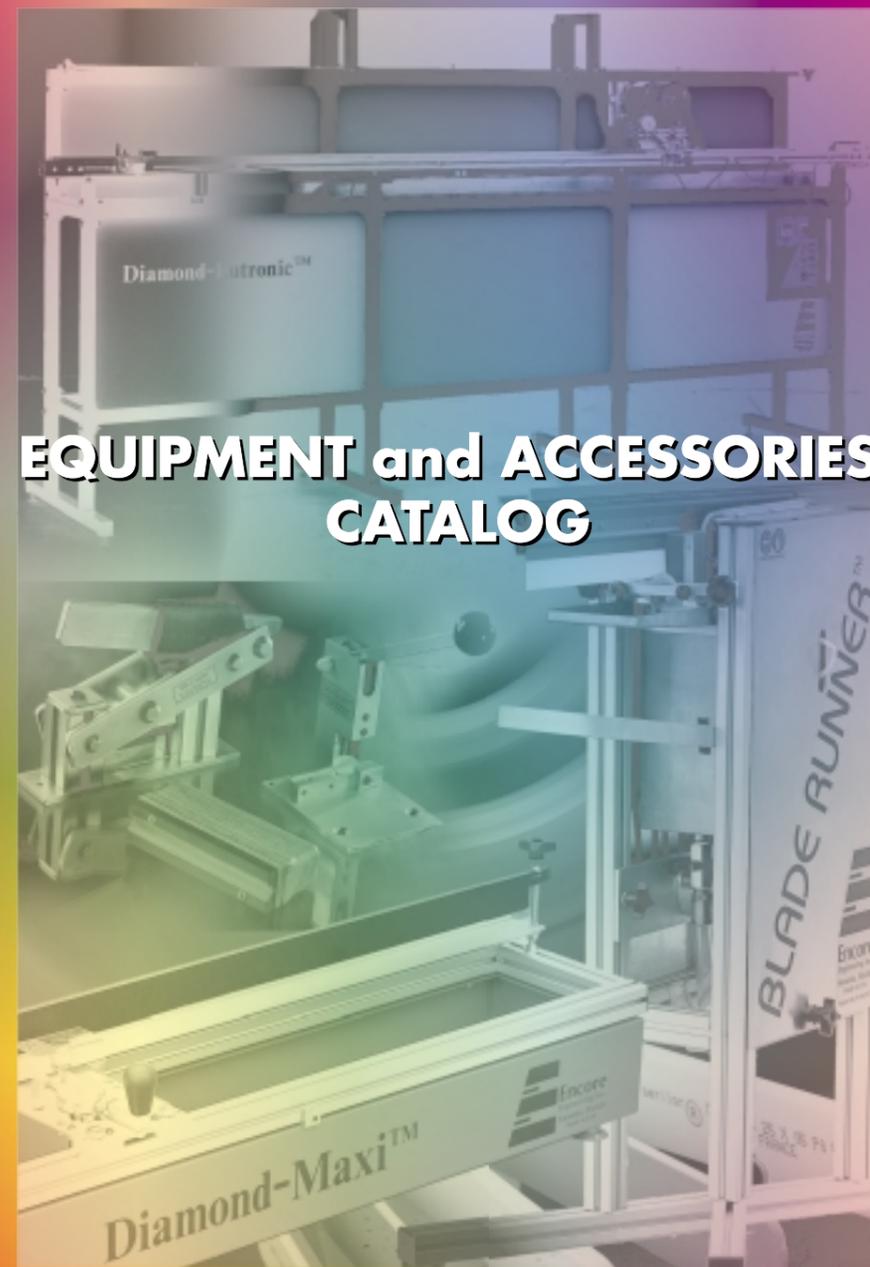
**serilor® CERAM**  
For screenprinting onto ceramic



**serilor® HAND**  
Manual squeegee holders

# serilor® BLADE SYSTEM

SHARP/sp/2003/GB-09/03



Leaders in Squeegee and Maintenance Equipment  
for Screen Printing

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## Why squeegee sharpening ?

- Squeegee may be inconsistently placed in holders; this will distort the effective angle and pressure of the blade and result in unpredictable or uneven ink deposit and color variation.
- Depending on the application, squeegees will wear out progressively : the edge will become progressively polished and skip over the ink rather than spread it.
- Squeegee edges will become rounded, leaving a progressively heavier ink deposit.
- The edge may become swollen with ink or cleaning chemical absorption and small pieces of material will break off leaving streaks in the image.
- Excess wear may occur at some spots because of image design/placement and press limitations.

Sharpening will “even out” the blade once it is placed in the machine holder.  
Sharpening will maintain a constant, predictable edge.  
Sharpening will restore a damaged edge.

Improve  
Print Quality and  
increase customer  
satisfaction and sales.

Reduce  
your production costs  
by eliminating wasted material  
and down time due to poor squeegee  
performance and extra  
press setups.

Reduce  
blade and ink  
consumption.

## Principle of the serilor® / Encore sharpeners

We use only industrial **diamond-coated grinding wheels** because they offer extraordinary performance on any composition or durometer squeegee material. They carry a **5-year warranty against delamination** and should not need replacement if properly maintained.

The wheels provide a **smooth, polished edge** far superior to any sanding method and we carry a variety of grit sizes ranging from 60 to 360 for coarse or fine finishing. All machines except the Short Cut include 1 coarse and 1 fine wheels. These wheels can **be quickly removed and changed**.

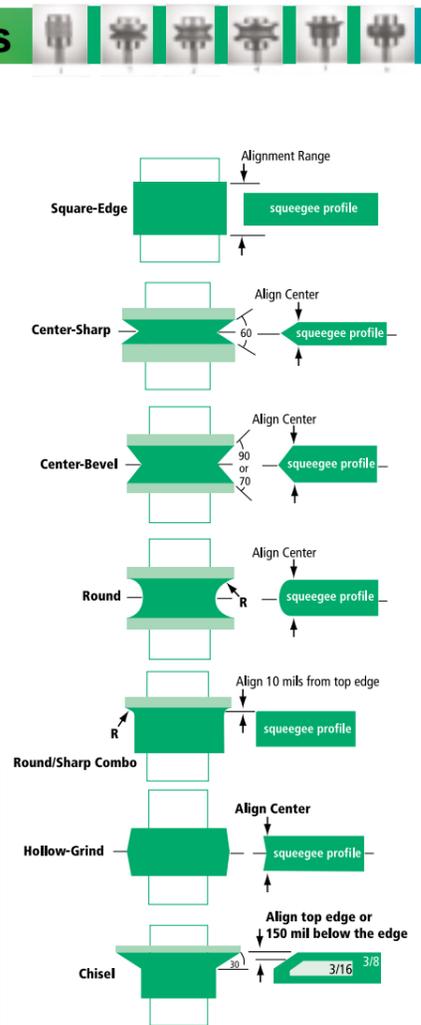
Our wheels are available in **various profiles** for shaped squeegees and can also be custom designed.

**Micro adjustment** enables to remove as little as 001" (250 microns) contrarily to cutting knives.

Our sharpeners feature a clamping mechanism which holds the squeegee firmly by the blade while the wheel is moved (automatically or manually) across the squeegee. This means our equipment **can accept any squeegee handle**. In addition, the machine will straighten the blade parallel to its handle.

Models over 60" (150 cm) in KUT and KUTRONIC series **include a built-in, positive camber** (0.030" - 0.060" or 750 microns to 1.5 mm) to compensate for the depression at the centre of large format screens. This can be reset to any value by the user, including 0 for cylinder press users.

All models are designed to **be very simple to operate and maintain**. This contributes to an easy, regular use of the sharpener by the printers and ultimately leads to better consistency in the process.



## Squeegee Sharpeners



### Diamond - Short - Cut

First precision small-format, manual, squeegee sharpener for squeegees 20" and under. The portable table-top design fits anywhere and comes with **1** indestructible diamond sharpening wheel.

DSC-020	20"	51 cm	110V
DSC-220	20"	51 cm	220V

### Diamond - Maxi

Precision, small-format, manual squeegee sharpener with **2** indestructible diamond sharpening wheels. The table-top design fits anywhere and sharpens squeegees up to 38"

MX-138	38"	97 cm	110V
MX-238	38"	97 cm	220V
MXSV-138	38"	97 cm	110V
MXSV-238	38"	97 cm	220V



### Diamond - Maxitronic

Mid-sized, fully automated, precision squeegee sharpener with **2** indestructible diamond sharpening wheels.

The free-standing unit includes a vacuum system and can sharpen squeegees up to 48" long.

MXTR-137	37"	95 cm	110V
MXTR-237	37"	95 cm	220V
MXTR-148	48"	125 cm	110V
MXTR-248	48"	125 cm	220V



### Diamond - Kut

High-precision manually-operated sharpener for larger squeegees : to sharpen up to 60" or 76" squeegees. Eliminates operator error by holding squeegee blade parallel to grinding wheel during sharpening. Includes **2** large grinding wheels.

DK-160	60"	150 cm	110V
DK-260	60"	150 cm	220V
DK-176	76"	195 cm	110V
DK-276	76"	195 cm	220V



### Diamond - Kutronic

High precision, fully-automated sharpener for larger squeegees : four models to sharpen 60", 76", 96" and 120" squeegees. Uniform sharpening speed, grinding pressure and material removal ensure superior quality control. Includes **2** large grinding wheels.

DKTR-160	60"	150 cm	110V
DKTR-260	60"	150 cm	220V
DKTR-176	76"	195 cm	110V
DKTR-276	76"	195 cm	220V
DKTR-196	96"	244 cm	110V
DKTR-296	96"	244 cm	220V
DKTR-1120	120"	305 cm	110V
DKTR-2120	120"	305 cm	220V



Models in 220V are available in euros, FOB Le Mans (France) for other markets and include crating and a complete tool and spare kit, including spare fuses and relays for automatic models. Please note : vacuum setup does not include the actual vacuum device which must be obtained according to local availability. Please contact us or your nearest serilor distributor for an exact quote .

[www.encoreenginc.com](http://www.encoreenginc.com)