

# **adco Squeegee Cutter** **Model 280 (110")**

## **Type B Semi-Automatic**

Adco developed the original rotating blade squeegee-cutting machine in 1997 for the production of excellent cut edges on squeegees to improve the print quality and durability. Upon installation customers report improved production and print results.



### **Features**

- Single Phase or 3 Phase Power Supply
- No pneumatics required
- Coolant Recycle System. Recycles approximately 75% of cutting fluid
- Integrated coolant tank with electric level sensor
- Linear bearings used for lateral movement on all models
- Linear clamping system for superior access
- Intergrated fluid channels in clamps

### **Technical Specifications**

Model:	280 (110")
Power Supply:	110VAC 20A or 240 VAC 10A
Coolant Tank:	5 Litres
Consumption:	0.01 litre/metre
Compressed Air:	Not Required
Cut Thickness:	Normal Range: .03" - .04" (.8 - 1.1 mm) Maximum: .39" (10mm)

Model 280 (110") Type B Semi-Automatic is equipped with triple lift gearbox system.

  
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## **ADCO 'ORIGINAL' SQUEEGEE CUTTER, Model 280 (110") Type B Semi-Automatic with triple lift gearbox system. TECHNICAL SPECIFICATIONS & BENEFITS**

The ADCO 'Original' Squeegee Cutter uses a special coolant to produce a wet-cutting edge suitable for all types of squeegee rubber. Type B Semi-Automatic is equipped with a motor driven rotary disk cutting carriage that wet-cuts from right to left and stops automatically on the left side. After each cut the operator manually unlocks the cutting carriage and moves it back to the far right-hand position, then re-locks to begin the next squeegee cutting cycle. This innovation is centered on the premise of a rotating blade that trims a very thin strip of squeegee rubber to .03" - .04" (.8 - 1.1 mm) in one single cutting pass. The ADCO 'Original' Squeegee Cutter produces an excellent squeegee edge optimized for all screen printing sectors such as; up-market graphics, high tech industrial, glass decorating and textile applications.

ADCO's well-proven method of cutting is currently in use around the world. Please see the primary differences between the "original" ADCO and others below.

- A. Parallel linear clamping system provides secure nonslip of squeegee rubber during the cutting cycle together with larger opening for loading and unloading squeegee/holder. Superior design over hinged clamping systems.
- B. Coolant Recycle System. An integrated spray nozzle with fluid channels located along the full length of the clamping system recycles up to 75% of cutting fluid. Includes a filtered coolant reservoir to collect and ensure clean re-use of the cutting fluid.
- C. Automatic sensor shuts off cutting carriage and coolant pump at the end of each cutting cycle to further decrease coolant consumption.
- D. Integrated coolant tank with fluid level sensor prevents damage to the cutting blade when fluid reaches below security level.
- E. Equipped with linear bearings used for squeegee height adjustment (lateral movement) on all models.
- F. Rotary cutting system offers excellent, fast and clean high quality squeegee edge without messy grinding dust. Cutting the squeegee minimizes solvent absorption.
- G. Exceptional print quality, no edge swelling. No squeegee resting period needed, squeegee is ready to print immediately after it is cut.
- H. Long durability of the squeegee edge and higher production rates are achievable.
- I. Quick, repeatable and sealed precision wet-cut squeegee edge. Linearly even edge for superior ink deposit uniformity, improves fine line resolution and truer color likeness.
- J. User-friendly and easy setup with minimal learning curve.
- K. No PLC or pneumatics offers less maintenance and associated components.
- L. More compact to reduce packing/shipping cost and some assembly required.
- M. Cutting blade with nitrate coating to extend the life of the blade and resists rusting.
- N. Motor driven rotary cutting blade wet-cuts squeegee in one single pass. Cutting speed is 1 meter (3.28 ft.) in 150 seconds, depending on type of squeegee rubber.

<b>TECHNICAL DATA</b>		
<b>Squeegee Cutting Lengths</b>	cm	280cm
	inches	110"

<b>Compressed Air Requirements</b>	Not required
<b>Coolant Tank</b>	5 liters (1.32 gallons)
<b>Consumption</b>	.01 liter/meter (.34 ounces/3.28 feet)
<b>Electrical Requirements</b>	120V 20A
<b>Machine Dimensions, approx. (W x D x H)</b>	3380 mm x 500 mm x 1200 mm 133" x 19.7" x 47.25"
<b>Crated Dimensions, approx. (W x D x H)</b>	3600 mm x 800 mm x 1500 mm 141.75" x 31.5" x 59"
<b>Cut Thickness</b>	Normal Range: .03" - .04" (.8 - 1.1 mm) Maximum: .39" (10mm)

All Technical information is not binding and subject to change.