



ADCO “ORIGINAL” SQUEEGEE CUTTER, Type A Automatic TECHNICAL SPECIFICATIONS & BENEFITS

The ADCO “Original” squeegee cutter uses a coolant to produce a wet-cutting edge suitable for all types of squeegee rubber. Type A Fully Automatic incorporates a PLC and drive system that controls the rotary cutting carriage during wet-cut from right to left and then automatically moves the cutting carriage back the far right-hand position for the next cutting cycle. An override system allows push button control to traverse the cutting carriage in the left or right direction for easier setup. This “original” innovation is centered on a rotating blade that trims a very thin strip of 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 security level.

- E. Equipped with linear bearings used for squeegee height adjustment (lateral movement) on all models.
- F. After the squeegee is cut and full cycle is completed the limit switch is activated so that cutting head returns back to the start position for easier setup.
- G. Rotary cutting system offers excellent, fast and clean high quality squeegee edge without messy grinding dust. Cutting the squeegee minimizes solvent absorption.
- H. Exceptional print quality, no edge swelling. No squeegee resting period needed, squeegee is ready to print immediately after it is cut.
- I. Long durability of the squeegee edge and higher production rates are achievable.
- J. 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.
- K. User-friendly and easy to use with a minimal learning curve.
- L. No pneumatics offers less maintenance and associated components.
- M. Cutting blade with nitrate coating to extend the life of the blade and resists rusting.
- N. PLC and drive control system for cutting carriage, traversing and automatic fluid sensors. Cuts squeegee in one single pass. Cutting speed is 1 meter (3.28 ft.) in 150 seconds, depending on type of squeegee rubber.

TECHNICAL DATA	MODEL	130	180	230	280	330
Squeegee Cutting Length	mm	1300	1800	2300	2800	3300
	inches	51	70	90	110	130
Overall Dimensions						
Length	mm	2000	2500	2900	3600	4000
	inches	79	98	114	142	157
Depth	mm	500	500	500	500	500
	inches	20	20	20	20	20
Height	mm	1200	1200	1200	1200	1200
	inches	47	47	47	47	47

Compressed Air Requirements	Not required
Cut Thickness	.8 to 1.1 mm (.03 - .04 inch)
Coolant Tank	5 liters (1.32 gallons)
Consumption	.01 liter/meter (.34 ounces/3.28 feet)
Electrical Requirements	120V 20A, 240V 10A, 460V (3 phase, 5A)

All Technical information is not binding and subject to change.