

## **Why we recommend the Keencut SteelTrak for ACM cutting**

From eye-catching signage and point of sale displays to wayfinding solutions, we are all familiar with Aluminium Composite Materials. ACM is a popular material for use in the signage, advertising, and construction industries, but it can be challenging to cut. We want to tell you the best way to cut ACM and why we always recommend the Keencut SteelTrak.

### **1. First - Never cut by hand!**

Cutting ACM by hand with a knife is dangerous, slow and results in a poor-quality finish and low precision. Why risk mistakes that waste costly materials or slow down your production? The Keencut SteelTrak is a specialist cutting machine designed for your safety; it cuts the core neatly, avoiding the dangerous rough edges that result from hand snapping.



### **2. Buy a cutter that cuts and finishes in one pass**

ACM is a fantastic material for the sign maker, but with a sandwich construction with outer layers of aluminium foil around a tough polymer core, ACM needs to be cut cleanly with an accurate edge. You don't want a rough cut with burred edges or lots of dust and debris created in the cutting process.

In one action the Keencut SteelTrak cuts and finishes ACM; it deburrs edges to remove any sharpness that would otherwise require additional finishing. The material is safe to handle immediately. There's no need for extra edge finishing, so productivity is increased, and safety is guaranteed.

### **3. Cut without dust**

The Keencut SteelTrak cuts without creating dust or static, so you do not need an expensive extraction system. Cutting without dust and debris is better for your health as well as the performance of expensive printing machinery that can be damaged by such particles.

### **4. Increase productivity with repeatable quality**

You need to increase productivity while maintaining quality. It is all about the speed and ease of set-up, aligning the ACM, and the cut and finish. The Keencut SteelTrak will fast forward your print finishing so that you produce more quality boards every day.

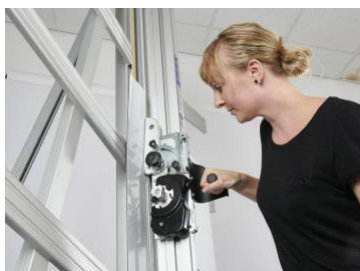
The sight-line strip simply and accurately shows you where the cut line will be and the clamping mechanism is firm but also protects the material's surface. The ability to lower the clamp to make final tiny adjustments to align the material before firm clamping is vital.

The SteelTrak also has all the scoring and cutting blades permanently mounted for instant use, and they all cut along the same line. A pair of left and right-hand production stops and a precise squaring arm allow you to cut boards to a specific measurement quickly. There is nothing more impressive than a stack of perfectly identical signs, so the setup and ease of alignment are essential.



### **5. Cut with no off-cut bend**

Wasted material is wasted money! Accurate cutting is essential, but you also need to minimise any curvature of the ACM. Tight flatness tolerances for successful flat-bed printing make any curve above 2mm a possible interference problem. Keencut has designed the SteelTrak cutting head to eliminate all post-cutting curvature on ACM.



### **6. Cut with minimal effort**

You could be cutting ACM most of the day. You need a cutting machine that minimises the effort and is ergonomically designed to be comfortable to use. The SteelTrak's vertical cutting stance and a low friction bearing system reduces user fatigue.



### **7. Cut large panels**

Don't restrict your business to cutting small panels. Cutting your own panels rather than buying in pre-cut sizes will help your workflow, ensure quality, and reduce costs. The SteelTrak has options that will tackle large boards such as 2.4m x 1.2m (8' x 4') panels.



#### **8. Remember versatility**

If you are buying a cutting machine, think about areas your business may expand into. What other materials can the cutter cut? The Keencut SteelTrak can add new options to your business. You can v-groove ACM to produce sign trays, boxes and exhibition stands, and cut and score glass and acrylics. The SteelTrak will also cut Steel Composite Panels without creating dangerous sparks.

In a high production environment, the SteelTrak's fast, repeatable, accurate cutting will fast forward your print finishing. Call us now to increase your productivity!