

Evolution3™ Selling points

KEENCUT

Materials cut

Semi-rigid materials*

- Corrugated cardboard ≤ 13mm (1/2")
- PVC foamboard ≤ 13mm (1/2")
- Corrugated plastic ≤ 13mm (1/2")
- Foam centred board ≤ 13mm (1/2")

Rigid materials

- Cast acrylic / Plexiglas ≤ 3mm (3/32") scoring only
- Aluminium composite panel, e.g. DiBond ≤ 3mm (3/32") -
- Rocker tool head only, for occasional use

Flexible materials

- Banners
- Pop-ups
- Magnetic sheets
- Self-adhesive vinyls
- Film
- Textiles
- Delicate materials: tissue paper, wallpaper

*FreeHand semi-rigid materials maximum cutting 6mm (1/4")



3 models to accommodate different needs

Evolution3 SmartFold

- For the busiest production facility.
All the features plus:
- integral cutting strip for textiles and fragile materials
 - fold-down feature to clear the bench

Evolution3 BenchTop

- For a busy studio or high-use production environment. Permanently installed for immediate use.

Evolution3 FreeHand

- For high precision accuracy and superior cutting quality in a more flexible movable format.

Cut sizes from 1.1m (44") to 3.6m (144"). FreeHand model 3.1m (124") max cut size.

Flexibility	<ul style="list-style-type: none"> - Cuts semi-rigid and flexible materials, so one machine for many different projects - Can handle rigid material with rocker head for occasional use - Also scores and snaps acrylic - Heads for cutting, creasing and fabric cutting
Accurate	<ul style="list-style-type: none"> - Ultra-high accuracy, the best on the market, guaranteed 0.2mm (0.008") for the length of cut - Sightline strip and Lift-and-Hover ensure accuracy and minimise waste and time - Blades from all heads cut down the same line with no adjustment
Consistent	<ul style="list-style-type: none"> - Repeat the same cut over and over quickly with little setup. Perfect cuts every time - Cutter bar is suspended parallel to media with zero sag or movement of media upon clamping - Total stability providing a strong and smooth movement along length of cutter bar with zero sideways movement
Fast	<ul style="list-style-type: none"> - Cuts 4 times faster than cutting by hand but still cleanly and accurately - Material aligns quickly with no machine adjustments required - Swap blades quickly by changing heads - Cut both ways to save operator time - SmartFold does not need an additional cutting mat for flexible materials
Manual cutting	<ul style="list-style-type: none"> - No dust or debris to damage expensive equipment or media - No electricity needed, so it can be placed anywhere in the workshop - No programming or power required
Table partner	<ul style="list-style-type: none"> - Perfect proven partner for applicator tables - No dust when cutting leaves the table clean for vinyl application
Easy to use	<ul style="list-style-type: none"> - Takes an operator approx 10 minutes to know the machine - Very little set up time after delivery - maybe 2 hours (SmartFold and BenchTop)
Single operator	<ul style="list-style-type: none"> - Only one person is needed to operate the machine - saves on labour costs
Safe	<ul style="list-style-type: none"> - Operator is protected from blades, unlike when manual cutting - No downtime from accidents
Clamp	<ul style="list-style-type: none"> - Easy to use and protects material with silicon strips - Pressure sensitive, so adapts to the material being cut using operator pressure
User comfort	<ul style="list-style-type: none"> - Steel bearings reduce user fatigue - Minimal user effort
Guarantee	<ul style="list-style-type: none"> - Five-year guarantee for peace of mind

Product information page: <https://www.keencut.com/resource-category/evolution3-range/>

