

Cutting Machine Comparison Chart



	silhouette CAMEO 4	silhouette portrait	cricut Explore 3	cricut Maker 3	cricut Joy
Cutting Force	5000gf	210gf	400gf	4000gf	N/A
Cutting Depth	3mm	2mm	2mm	2.4mm	N/A
Auto Tool Detection	✓	✓	✓	✓	✓
Adjustable Cutting Force	✓	✓	✓	✓	✓
Adjustable Speed	✓	✓	✓	✓	✓
Print & Cut	✓	✓	✓	✓	✓
Blade / Tool Holders	2	1	2	2	1
Rotary Blade Compatible	✓	✗	✗	✓	✗
Built In Crosscutter	✓	✗	✗	✗	✗
Built In Roll Feeder	✓	✗	✗	✗	✗
Cut Without Cutting Mat	✓	✓	✗	✗	✗
Max Cutting With Cutting Mat					
Width	305mm	203mm	305mm	305mm	139mm
Length	610mm	305mm	610mm	610mm	N/A
Max Cutting Without Cutting Mat					
Width	305mm	203mm	330mm**	330mm**	114mm**
Length	18300mm* <small>*Manufacturer's figure but in practical terms we suggest a 5000mm cutting length</small>	18300mm* <small>*Manufacturer's figure but in practical terms we suggest a 5000mm cutting length</small>	3657mm** <small>**Requires Cricut Smart Media</small>	3657mm** <small>**Requires Cricut Smart Media</small>	1219mm** <small>**Requires Cricut Smart Media</small>
Connections					
USB	✓	✓	✓	✓	✗
Bluetooth	✓	✓	✓	✓	✓

Machine Review

Summary

<p>Cuts a wide range of materials due to excellent cutting force and a wide range of blades available for different media.</p> <p>No cutting mat required to cut materials on a backing liner, eg sign vinyl.</p>	<p>Reduced cutting width compared to the Cameo 4 although this doesn't effect its ability to cut sign and garment vinyl.</p> <p>Can't cut thicker card etc but great functionality.</p> <p>No cutting mat required to cut materials on a backing liner, eg sign vinyl.</p>	<p>Performs well when cutting sign and garment vinyl.</p> <p>Requires cutting mat to cut all materials except Cricut's own brand materials.</p>	<p>Good cutting force and good range of additional blades/tools available allowing for a diverse range of material to be cut.</p> <p>Requires cutting mat to cut all materials except Cricut's own brand materials.</p>	<p>OK for a very occasional user. Limited cutting width.</p> <p>Requires cutting mat to cut all materials except Cricut's own brand materials.</p>
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Ratings

Functionality	★★★★★	★★★★☆	★★★★☆	★★★★☆	★★★★☆
Value For Money	★★★★★	★★★★★	★★★★★	★★★★☆	★★★★☆

Software

<p>silhouette STUDIO</p> <p>More control over settings Create cut files easier You can save files to your own machine</p> <p>MDP Software Rating: ★★★★★</p> <p><small>A plug-in is also available to use the Silhouette machines directly with your Adobe Illustrator or Corel Draw instead of using the Silhouette Studio software - see website for details</small></p>	<p>cricut Design Space</p> <p>Good product template function Online only in portal so all files are kept with Cricut Software gives options but some are then chargeable</p> <p>MDP Software Rating: ★★★★★☆</p>
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