Subject: Hot wire knife?
Posted by moray james on Fri, 15 Jul 2005 22:33:03 GMT
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Electric hot wire knife? Post #1 Does anybody here know of either a site or have information how to build one of those electric heated wire knives? I was thinking about building a hot wire knife with a difference. Instead of just one tensioned wire I thought that a simple jig could be built to string a series of parallel wires like a comb. Say as many as 12-20 wires per inch and about a foot wide. This could then be used to melt a row of shallow notches into the end edge of a piece of light louvre. The notches could then be used as a guide to string a wire stator (30 guage) without the need for a jig. Further once strung ot would be easy to solder the wires together at the ends or segment as desired. This is not so unlike the idea of useing holes at the end of a panel to thread the wire through but much less work.Any input would be most welcome. Thanks in advance. Best regards Moray James.

Subject: Re: Hot wire knife?
Posted by Cyclotronguy on Wed, 01 Mar 2006 18:32:41 GMT
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You would most likely want to have one wire in a serpentine pattern. The problem with parallel wires is that several always current hog, running way too hot... and others run too cool. One continuous loop and you get much more even temperature.Cyclotronguy