

MiTek Machinery  
**Service Bulletin**

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Product(s)  
Affected **Cyber<sup>®</sup> and Cyber<sup>®</sup> A/T Saws**

Description **Connecting a Touch Screen or Monitor to  
an External Power Source**

Date **12/29/2003**




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SB 144	
Revision	—
Created by	rr
Reviewed by	vc
Approved by	gm
Verified by	tbh

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 Affected  
 Description **Connecting a Touch Screen or Monitor to an External Power Source**  
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<b>WARNING</b>	
	<p><b>All electrical work must be performed by a certified electrician and shall conform to all National Electrical Codes.</b></p> <p><b>Do not turn on electrical power until you have read the entire procedure.</b></p> <p><b>Follow approved lockout and tagout procedures (OSHA 29 CFR 1910.147).</b></p>

When an electrical component is physically attached to another piece of equipment, but powered from a separate power source, specific procedures and regulations exist to enforce safe operation and maintenance practices as specified in the National Electrical Codes (NEC 2002). Personnel working on the equipment must be aware that it is possible to shut power off to part of the machine while certain components still have live power. To address this issue, **MiTek<sup>®</sup>** has created Drawing 92150 to use when adding a separate Touch Screen or computer monitor to a **Cyber<sup>®</sup>** or **Cyber<sup>®</sup> A/T** saw.

The drawing was created to cover the requirements for a **Cyber A/T** saw, but the electrical schematics of both saws are almost identical. There are several variables depending on the options your saw may have that will require the electrician to use his or her knowledge to accurately apply the drawing to your specific configuration. Please refer to this drawing to safely complete the electrical connections. If there are any questions, the electrician should call **MiTek** Customer Service at 800-523-3380, and they will connect your electrician with a **MiTek** electrical engineer.

**Table 1-1: Items in SB144KIT**

Qty.	Part #	Description
1	SB144	Service Bulletin 144
1	92150	Drawing # 92150
1	518209	Terminal block
3	508006	Wire, MTW, white
3	508006	Wire, MTW, red
1	691402	Label-Danger
1	591508	Label-Warning
1	591401	Label-Danger
2	591510	Label-Warning
100 ft	508421	Cable, 16/3
1	518192	Terminal end stop
1	514186	Relay module