

MiTek Machinery
Service Bulletin

Equipment Affected *Cyber® and Cyber A/T Saws*

Title **Moving a Saw's Computer to a PC Enclosure**

Date **3 March 2011**



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SB 160 (For Web)	
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Revised by	R. Tucker
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Purpose and Scope

This Service Bulletin exists to help a *MiTek*[®] *Cyber*[®] or *Cyber A/T* saw owner migrate from operating the saw through a touch screen computer to operating the saw with a touch screen monitor and computer that are separate from each other. It affects *Cyber* and *Cyber A/T* frames prior to frame 412. Saws built after frame 412 were manufactured with the computer already inside a separate PC enclosure.

If you have any questions about this Service Bulletin or kit, contact MiTek Machinery Division Customer Service at 800-523-3380.

Overview

Service Bulletin 160 describes how to remove the existing touch screen computer that is located inside the touch screen enclosure. It provides step-by-step instructions that, when used with the supplied drawings, walks you through how to install and connect the PC enclosure, computer, and touch screen monitor. For saws with a *MiTek* Inker or Catcher Display, additional information is given at the end of the procedure. The procedure will be easier to follow if you are familiar with the terms in Table 1.

To order a kit described in this document complete the order form provided here and follow the instructions provided on the form. The entire procedure will be included in your kit.

Terminology

Table 1: Terms to Know

Term	Description
Touch screen computer	The combined touch screen and computer that has existed on most saws prior to frame 412
Touch screen	Also referred to as a touch screen monitor or touch panel; a monitor that is operated by touching the screen; the computer is unattached
Computer	Also referred to as a PC (personal computer); housed inside a PC enclosure on saws built after frame 411 and on saws that have installed an SB160 kit
KVM extender	Keyboard, video, and mouse extender; a pair of electronic boxes that allow communication between the touch screen and unattached computer
UPS	Uninterruptable Power Supply; provides battery-stored power in the event of a power outage

Parts and Supplies

The tools and supplies that must be available to perform this procedure are listed in Table 2. Ensure that you have all of these supplies before starting. They are **not** included in this kit.

Table 2: Customer-Supplied Items Required

Slotted screwdriver
Phillips-head screwdriver
Pliers
Compressed air source and hose to reach PC enclosure, min. 3/8" diameter, capable of providing 100 psi at 15 SCFM
Barb to connect air hose to 1/4" NPT pipe thread on air connection
CAT 5 cable long enough to reach from PC to plant network port
All supplies and personnel necessary for wiring a 120 VAC protected circuit
Optional supplies— 1/2" concrete anchors and bolts, qty 4



The compressed air source and dedicated 120 VAC electrical circuit must be installed before the procedure can be completed.

Description

Assembly Kit SB160

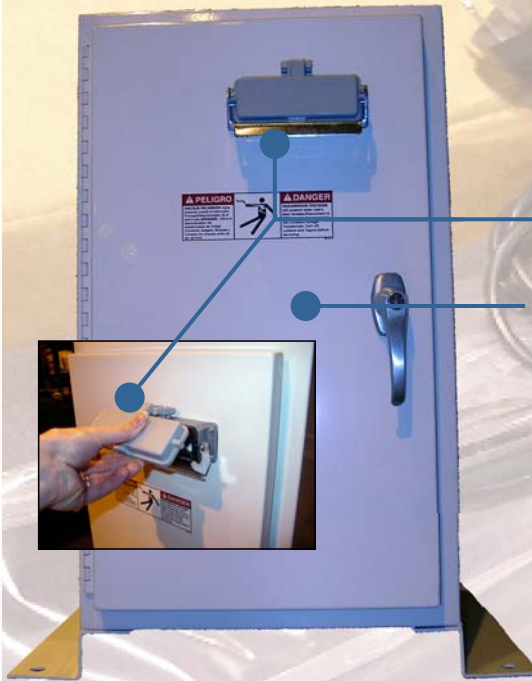
All SB160 kits include a *Dell*[®] desktop computer with 3-year Dell on-site Gold support warranty and *Windows*[®] XP operating system, PC enclosure, CTC industrial touch panel monitor with a 3-year warranty from CTC, and all necessary components, wiring, and instructions to install on your *Cyber* saw or *Cyber A/T* saw.

Warranty Information

The Dell warranty will be transferred from MiTek to the customer when the kit is shipped. All support of the desktop computers will be provided by Dell under the 3-year on-site Gold support program. Shipping is not included.

Upgrade

Features of the New PC and Touch Screen Monitor MiTek SB160 Kits



Floppy Drive

Easy access on the front of the door

PC Enclosure

To keep your computer safe and clean
Located at stationary end of saw

Touch Screen Monitor

Simple cable configuration
Identical operator interface



Sliding Shelf

Contains an electrical outlet to a customer provided circuit.

Local Module KVM Extender

Communicates with the remote module connected to the touch screen monitor

UPS

Battery backup for consistent operation

Dell Optiplex Computer

3.2 GHz, Pentium 4 processor
512 MB RAM
Windows® XP
All software is loaded and ready to use

Order Form



Print, fill out, and return this form to place an order.

Date: _____

Complete computer upgrade kit, consisting of: Dell desktop computer with 3 year Dell on-site Gold support, desktop computer enclosure, CTC industrial touch panel or Elo commercial touch panel, and all necessary components, wiring, and instructions to install on your *Cyber* saw or *Cyber A/T* saw. For more description of the kits, [click here](#).

TOTAL NET PRICE: (Select One)

	CTC Screen Replacing Non-CTC Screen	CTC Screen Replacing CTC Screen
Cyber Saw, Frames 1-213	<input type="checkbox"/> SB160KIT-G	<input type="checkbox"/> SB160KIT-I
Cyber Saws, Frames 214 and Higher	<input type="checkbox"/> SB160KIT-A	<input type="checkbox"/> SB160KIT-E
Cyber A/T Saws	<input type="checkbox"/> SB160KIT-B	<input type="checkbox"/> SB160KIT-F
Price of Each Kit	\$7,975.00	\$7,975.00

NOTE: Shipping is not included in price. Installation is available for an additional fee.

FOB POINT OF MANUFACTURE

ORDERING INFORMATION: If you would like to order a kit, please fill out this order form. Equipment will not be entered into the manufacturing schedule until the above conditions have been satisfactorily complied with. Sign and mail this document together with the applicable down payment to:

MiTek Machinery Div.
Attn: Sales Manager
301 Fountain Lakes Industrial Drive.
St. Charles, MO 63301

PURCHASE AGREEMENT: We hereby agree to purchase the equipment as specified in this quotation. By signing below, you agree to the "Terms of Agreement" attached.

SIGNATURE: _____

TITLE: _____

DATE: _____

FRAME #: _____

TECHNICAL CONTACT: _____

PURCHASE ORDER #: _____

TERMS OF PAYMENT: Payment, subject to credit approval, is to be fifty (50%) percent down payment with signed order and balance (including freight and applicable taxes) upon receipt of shipment.

CONFIDENTIALITY OF TERMS: The terms of this proposal/agreement are confidential and may not be disclosed to third parties without MiTek's consent. Without limiting other available remedies, in the event of any unauthorized disclosure, MiTek may, at its option, withdraw, cancel or terminate this proposal/agreement, or suspend its performance.



MITEK

Notice: This copy provided to prevent any misunderstanding and is subject to the terms as stated.

1. Proposals

- a. Proposals are F.O.B. floor of place of manufacture unless otherwise expressly provided herein.
 - b. Proposals are subject to change without notice any time prior to confirmation by our home office at time of accepting order or thereafter to reflect increase in price of our suppliers.
 - c. All proposals are made and orders accepted subject to approval of the Credit Department of Seller, as to credit and terms of payments. No deviation allowed from approved terms. All discounts disallowed plus service charge of 1 ½% per month (or maximum allowable) chargeable on any balance open after due date.
 - d. The right is reserved to correct the price or terms of all quotations or on orders resulting from such quotations, if it is found that due to typographical, clerical, or engineering errors, or misinterpretations or lack of complete information from Purchaser as to Purchaser's requirements, such prices or terms are incorrect.
 - e. In the event of a change in engineering or any other desires of the Purchaser, the Purchaser shall be responsible and liable for all costs involved therein at the normal rates chargeable therefore by the Seller.
 - f. All proposals, quotations, communications, and information therein, as well as prints, brochures, etc. are confidential and intended only for the Purchaser's use in evaluating Sellers' proposal and are not to be used in any way other than for that purpose and in no way detrimental to the Seller.
- c. Unless otherwise expressly provided in writing herein, all sales based on delivery F.O.B. floor of manufacturers' plant. Delivery of the goods to a public hauler for cartage to the carrier shall constitute delivery thereof to the Purchaser, and thereafter such goods shall be at Purchaser's risk not the Seller's regardless of who is owner or holds title. Any claim for the shortage or damage occurring after such delivery or for transportation overcharges should be directed by the Purchaser to the carrier together with transportation papers, noting shortage or damage, if any, and signed by the carrier's representative.
 - d. Date of delivery shall be extended for a period equal to the time lost by reason of any delay occasioned by causes beyond the reasonable control of Seller.
 - e. Seller shall not be liable for damages or losses incurred by Purchaser or any other party by reason of delay in delivery of merchandise or placing it into satisfactory operation for any cause.

2. Delivery

- a. Seller shall not be liable for failure to ship or delays in shipment by reason of the following matters affecting the shipping: fires, floods, or other casualties, wars, riots, civil commotion, embargoes, governmental regulations, or Seller's inability to obtain necessary materials from its usual sources of supply; shortage of cars or trucks or delays in transit; existing or future strikes or other labor troubles affecting production or shipment whether involving employees of Seller or employees of others, and regardless of responsibility of fault on the part of the employer; other contingencies of manufacturer or shipment whether or not of a class or kind mentioned herein if not reasonably within the Seller's control.
- b. The delivery schedules for equipment quoted herein starts with our acceptance of your formal order. In the case of special machines, it starts upon receipt of complete information and written approval of engineering drawings. Shipping dates are approximate and are based upon prompt receipt of all necessary information.

3. **Returned Goods:** No material returned will be accepted for credit, repair, or replacement unless such return is first authorized by us and is accompanied by our return tag.
4. **Installation:** Unless provided otherwise herein, installation of goods herein described shall be at Purchaser's expense. Seller will provide, upon Purchaser's request, personnel to make such installation at Purchaser's cost.
5. **Warranty**

- a. Seller warrants its truss fabrication or material handling machinery and equipment, its trailers, and its component saws will be free from defects in materials and workmanship for one (1) year from the date of delivery to the original user. Seller warrants that engineering, programming, installation, and other services performed by Seller and its agents will be done in a workmanlike manner.

Exclusions

- These warranties extend only to (i) users who acquire the equipment directly from the Seller or an authorized agent or support of Seller and (ii) for the balance of the original one (1) year warranty period, other users who register with Sellers as current users of the equipment.
- Damages to the equipment or other caused by accident, abuse, misuse, misapplication of negligent or improper modifications or repairs of the equipment are not covered by warranty.
- The foregoing warranties do not cover defects which do not adversely affect operations (e.g., paint chips, defects in decorative trim, etc.)

- b. Limitations of Remedies. Seller's entire liability shall be (i) to repair or replace, at Seller's option, the defective equipment or parts thereof, (ii) to provide replacement services, or (iii) if Seller is unable to provide such remedies, to refund the monies paid for the defective equipment or service, following return of any defective equipment to Seller. These remedies are the user's or service recipient's sole and exclusive remedies and are available only if Seller is notified in writing of the claimed defect within the one (1) year warranty period.
- c. IN NO EVENT WILL SELLER BE LIABLE FOR ANY INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE EQUIPMENT OR THE USE OR INABILITY TO USE THE EQUIPMENT, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some states and countries do not allow the limitation or exclusion of death, personal injury, incidental or consequential damages, so the above limitation or exclusion may not apply to Purchaser.
- d. THE ABOVE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states and countries do not allow the limitation or exclusion of implied warranties, so this limitation or exclusion may not apply to Purchaser.
- e. For equipment delivered to users outside of the United States, the user is solely responsible for all costs and risks associated with returning and retrieving the equipment for warranty service. Advance return authorization is required.
6. **Taxes:** All taxes and excises of any nature whatsoever now or hereafter levied by governmental authority, whether Federal, state, or local, either directly or indirectly upon the sale of any material or equipment covered hereby or on the subject matter hereof or upon freight charges, shall be paid and borne by the Purchaser unless prohibited by law. Such taxes may be billed separately whether levied before or after shipment.
7. **Purchase Price**
- a. Purchaser is liable for full purchase price per the terms of this sales contract or billing by the Seller, or if the sale is a time or installment sale, Purchaser is liable for the payments or notes on the date or dates when due as shown by the contract note or notes, all without regard to whether the items or merchandise have been installed or are operating to the satisfaction of the Purchaser on the dates when payment becomes due to Seller.
- b. Should the financial responsibility of the Purchaser at any time become unsatisfactory to Seller, Seller may require payment of any shipment hereunder in advance or additional security satisfactory to Seller.
- c. If the Purchaser fails to make payment in accordance with the terms of this sales contract or fails to comply with the provisions hereof, Seller may cancel any unshipped portion of the items or merchandise, and Purchaser shall remain liable for completed and partially completed work to the same extent as provided in Cancellations under Paragraph 9.
8. **Conditions:** All orders and contracts resulting herefrom shall be subject and conditional on assent by the Purchaser to the Terms and Conditions contained or referred to in Seller's quotation and on this and shall be considered executed in the State of Missouri. The use by any Purchaser of its own form of acceptance hereof, whether by purchaser order or otherwise, shall not vary the terms and conditions herein.
9. **Cancellations:** Accepted orders are not subject to cancellation except upon (i) written approval of the Seller and (ii) the payment of any fair and equitable charge to the Seller. In the case of any parts of the equipment covered herein manufactured by the Seller, this will be based upon it's actual costs to the date cancellation is received and approved, including all charges made by suppliers or subcontractors of the Seller, any commissions on such sales paid by Seller prior to receipt of notice of such cancellation, plus 15% of such costs, charges, and commissions.
10. **Intellectual Property:** Seller retains all proprietary rights as to inventions, designs, drawings, and processes of manufacturing the equipment subject to this proposal or order.
11. **O.S.H.A.** Purchaser acknowledges that it is solely its responsibility, as an employer, to ensure that the equipment subject to this proposal or order, when installed and used at Purchaser's premises, complies with O.S.H.A. and other applicable governmental safety regulations. Seller does not warrant that the equipment will pass any O.S.H.A. or other such inspection, but will endeavor to design and build equipment meeting known safety standards and further agrees to fully cooperate with Purchaser, if requested, in the design, manufacture or procurement of additional safety features or devices deemed necessary or beneficial under O.S.H.A. or any other such statute, ordinance or governmental regulation. Such additional services and safety features shall be furnished at Seller's standard rates then in effect, or as otherwise mutually agreed to by Seller and Purchaser.
12. **Entire Agreement:** These Terms and Conditions represent the complete agreement of the parties and no representations, terms or conditions in any way modify the provisions stated herein shall be binding upon the Seller unless hereafter made in writing and signed by one of its principal officers with specific reference to this agreement. No modification shall be effected by the Seller's shipment of equipment following receipt of Purchaser's purchaser order invoice, shipping request, similar forms or any other communication containing terms or conditions in conflict or inconsistent with those herein.