

TACHIT®

INSTRUCTION MANUAL FOR TACH-IT MODEL #6100-SS MANUAL/SEMI-AUTOMATIC DEFINITE LENGTH FOR PRESSURE SENSITIVE TAPES



Ben Clements and Sons, Inc. / Clements Industries, Inc.
50 Ruta Court, South Hackensack, New Jersey 07606 USA. 201-440-5500, 1-800-222-5540, fax 201-440-1455

Tach-It (UK) England, Clements Industries Japan, Clements Industries Inc. Korea
Tach-It and Twisters are registered, copyrighted or trademarks of Clements Industries, Inc.
© Ben Clements & Sons, Inc. and Clements Industries, Inc. 1 9/2000

Printed in USA

FIGURE 1 TOP VIEW

SPLIT TAPE MANDREL CAN
ACCOMMODATE 1 ROLL OF TAPE
UP TO 2" WIDE OR 2 ROLLS OF
TAPE UP TO 1" WIDE EACH

FEED
ROLLER

CONTROL
PANEL
SEE FIGURE
3

HINGED COVER
OPENS TO ALLOW
ACCESS TO
REPLACEABLE
BLADE
ASSEMBLY AND
TO ADJUSTING
KNOB FOR
SPECIAL TAPES

SAFETY
SHIELD



FIGURE 2 BACK VIEW

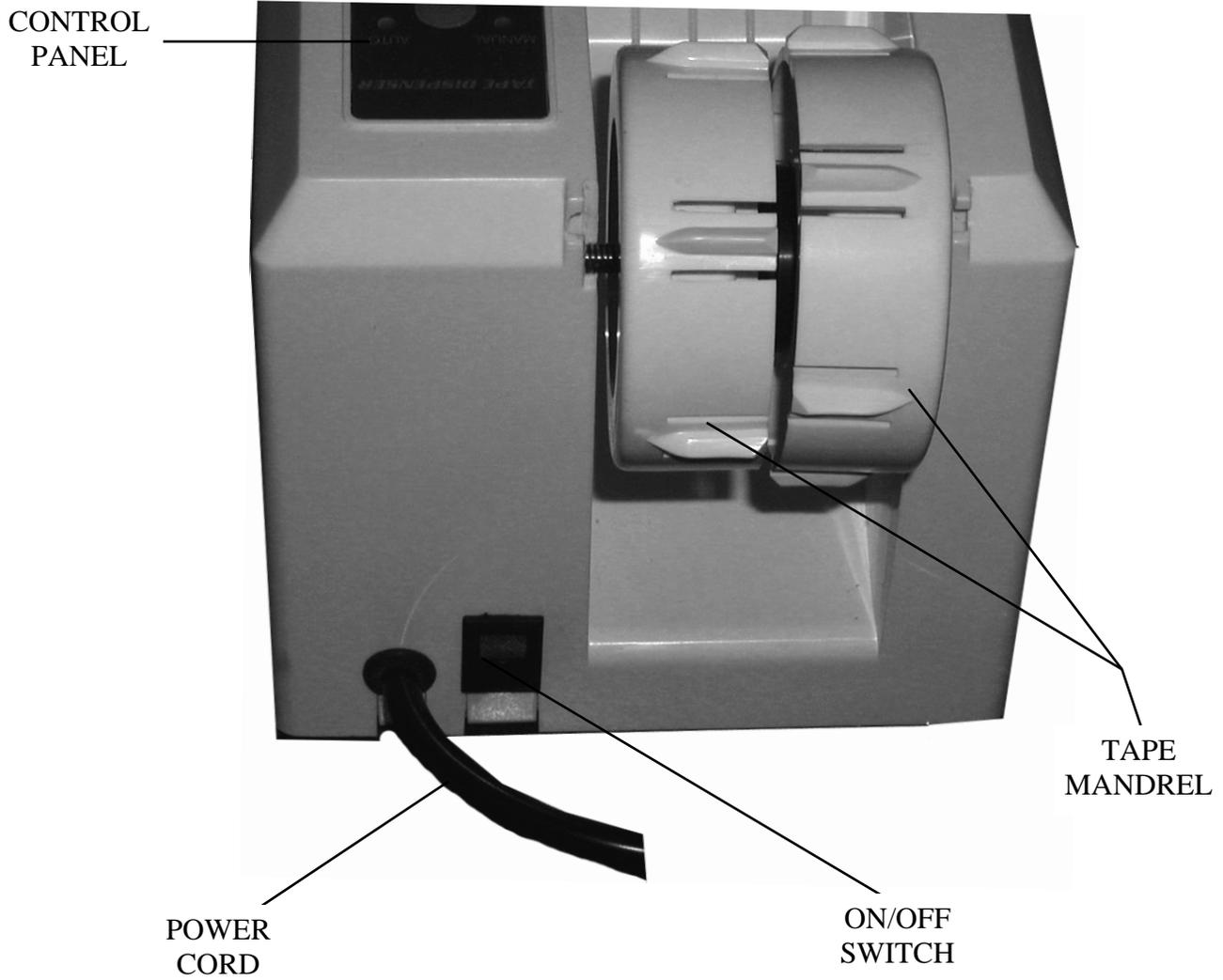
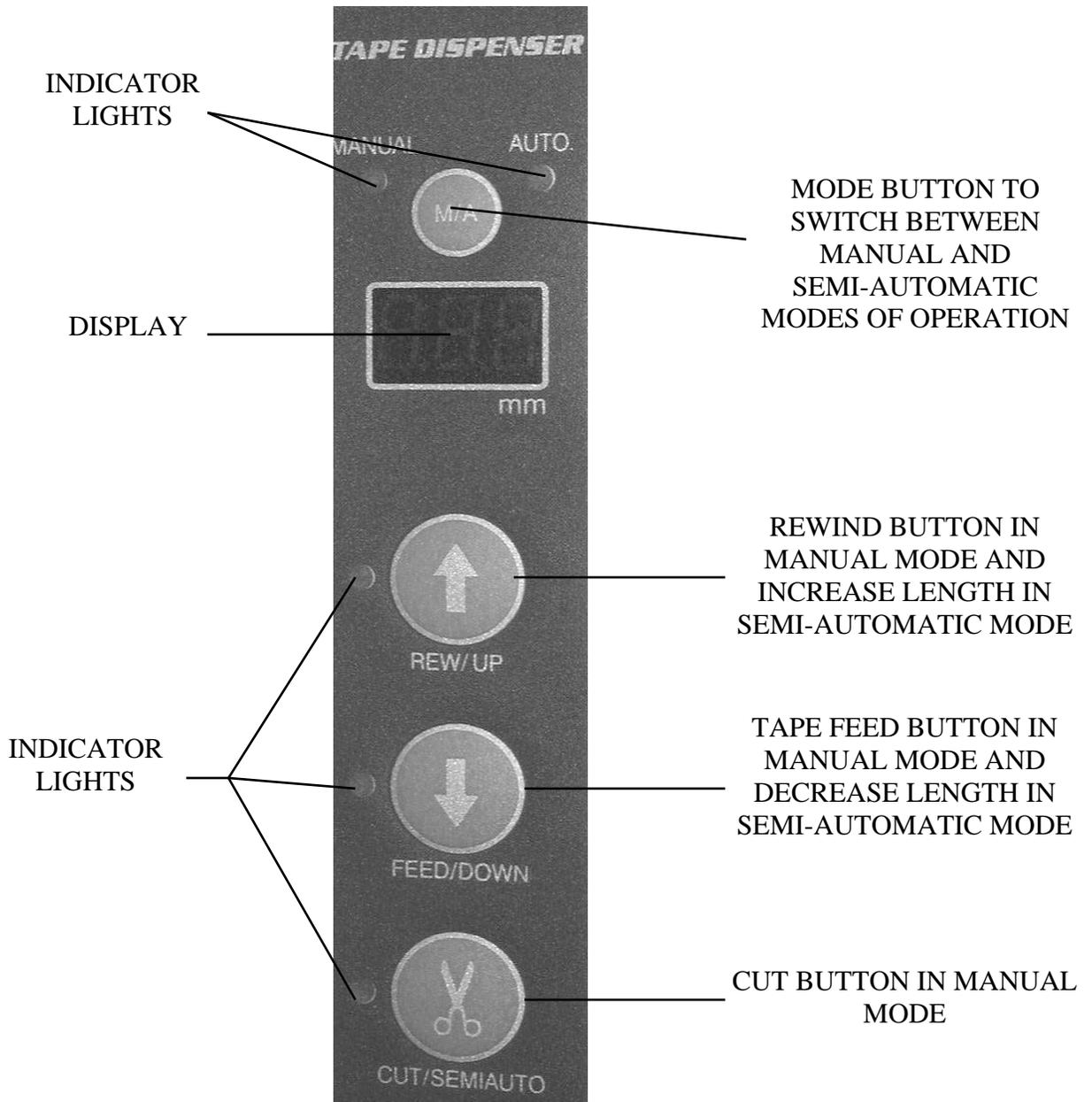


FIGURE 3 CONTROL PANEL



SECTION 1 – CAUTION AND SPECIFICATIONS

- 1) BEFORE OPERATING THE MACHINE, READ THE COMPLETE OPERATOR'S MANUAL.
- 2) NEVER HAVE THE POWER CORD OF THIS MACHINE PLUGGED INTO AN OUTLET WHEN ANY OF THE COVERS OF THIS MACHINE HAVE BEEN REMOVED.
- 3) INSTALL AND OPERATE THIS MACHINE ONLY ON A FLAT, LEVEL, AND DRY SURFACE.
- 4) USE ONLY THE SPECIFIED ELECTRICAL POWER INPUT WITH THIS MACHINE.
- 5) ALWAYS TURN THE POWER OFF AND UNPLUG MACHINE PRIOR TO CLEARING ANY TAPE OR TAPE JAMS FROM THE MACHINE, PARTICULARLY IN THE AREA OF THE CUTTER.
- 6) ALWAYS KEEP HANDS, CLOTHING, JEWELRY, AND HAIR AWAY FROM ALL MOVING PARTS OF THE MACHINE.
- 7) THIS MACHINE HAS A VERY SHARP CUTTER ASSEMBLY, NEVER PUT HAND OR ANY OTHER PART OF THE BODY, OR ANY ITEM INTO THE CUTTING OPENING UNLESS THE MACHINE IS OFF AND THE POWER HAS BEEN UNPLUGGED.
- 8) NEVER OPERATE THIS MACHINE WITH ANY OF THE SAFETY COVERS OR DEVICES REMOVED.
- 9) KEEP THIS MACHINE CLEAN AND DRY AT ALL TIMES.
- 10) SERVICE ON THIS MACHINE SHOULD ONLY BE PERFORMED BY FACTORY TRAINED AUTHORIZED SERVICE PERSONNEL.
- 11) NEVER USE THIS MACHINE FOR OTHER THAN ITS INTENDED APPLICATIONS. USE OF THE MACHINE ON UNINTENDED APPLICATIONS CAN CAUSE HARM TO THE OPERATOR, THE MACHINE, AND TO THE PRODUCT. PLEASE CONTACT THE MANUFACTURER IF THERE ARE ANY QUESTIONS TO WHETHER THIS MACHINE CAN BE USED FOR A PARTICULAR APPLICATION.

SPECIFICATIONS:

MACHINE LENGTH: 9 1/2" , WIDTH: 5 3/4" , HEIGHT: 5 3/4" , WEIGHT: 7 1/2 LBS

POWER: 110 VOLT (60 mhz)

CORE SIZE: 3", 1" CORE AVAILABLE (OPTIONAL – AT ADDITIONAL COST)

MAXIMUM WIDTH OF TAPE: 2"

MAXIMUM DIAMETER OF TAPE ROLL: 6"

MAXIMUM LENGTH OF TAPE FED IS: 39" (999 mm)

MINIMUM LENGTH OF TAPE FED IS: 3/4" (18 mm)

SECTION 2 – LOADING THE MACHINE WITH TAPE

- 1) PLUG THE POWER CORD (SEE FIGURE 2) INTO THE PROPER ELECTRICAL OUTLET, MAKING SURE THE VOLTAGE OF THE OUTLET IS THE SAME AS THE VOLTAGE OF THE MACHINE.
- 2) PLACE THE TAPE ON THE TAPE MANDREL SO THAT THE TAPE WHEN PULLED IS COMING OFF THE TOP OF THE ROLL AND THE ADHESIVE SIDE IS DOWN (SEE FIGURE 2).

PLEASE NOTE THAT THE MODEL 6100 CAN RUN 2 ROLLS OF TAPE IF NEITHER EXCEEDS MORE THAN 1” IN WIDTH.
- 3) PULL THE TAPE TOWARDS THE FRONT OF THE MACHINE AND PRESS IT ONTO THE FEED ROLLERS (SEE FIGURE 1).
- 4) TURN THE MACHINE ON BY PRESSING THE ON/OFF SWITCH LOCATED ON THE BACK OF THE MACHINE (SEE FIGURE 2).
- 5) PRESS THE TAPE FEED BUTTON (SEE FIGURE 3) UNTIL THE TAPE EXITS THE FRONT OF THE MACHINE. IF THE TAPE FOLDS DOWN IN BETWEEN THE CUTTER AND THE CUTTER HOUSING, USE A SMALL, DULL INSTRUMENT AND BRING THE TAPE OUT STRAIGHT. KEEP FEEDING THE TAPE UNTIL AN END CAN BE HELD.
- 6) PRESS THE CUT BUTTON (SEE FIGURE 3) AND REMOVE THE CUT PIECE OF TAPE.
- 7) THE MACHINE IS NOW READY FOR USE.

SECTION 3 – USING THE MACHINE IN MANUAL MODE

- 1) LOAD THE TAPE AND TURN ON THE MACHINE AS EXPLAINED IN SECTION 2 ABOVE.
- 2) TO FEED TAPE, PRESS THE TAPE FEED BUTTON (SEE FIGURE 3) UNTIL THE LENGTH OF THE TAPE REQUIRED IS FED. PLEASE NOTE THAT YOU CAN FEED AN INFINITE LENGTH OF TAPE.
- 3) ONCE TAPE IS FED TO THE DESIRED LENGTH, PRESS THE CUT BUTTON (SEE FIGURE 3), AND THE TAPE WILL BE CUT.
- 4) REMOVE THE TAPE AND MACHINE IS READY FOR NEXT CYCLE.

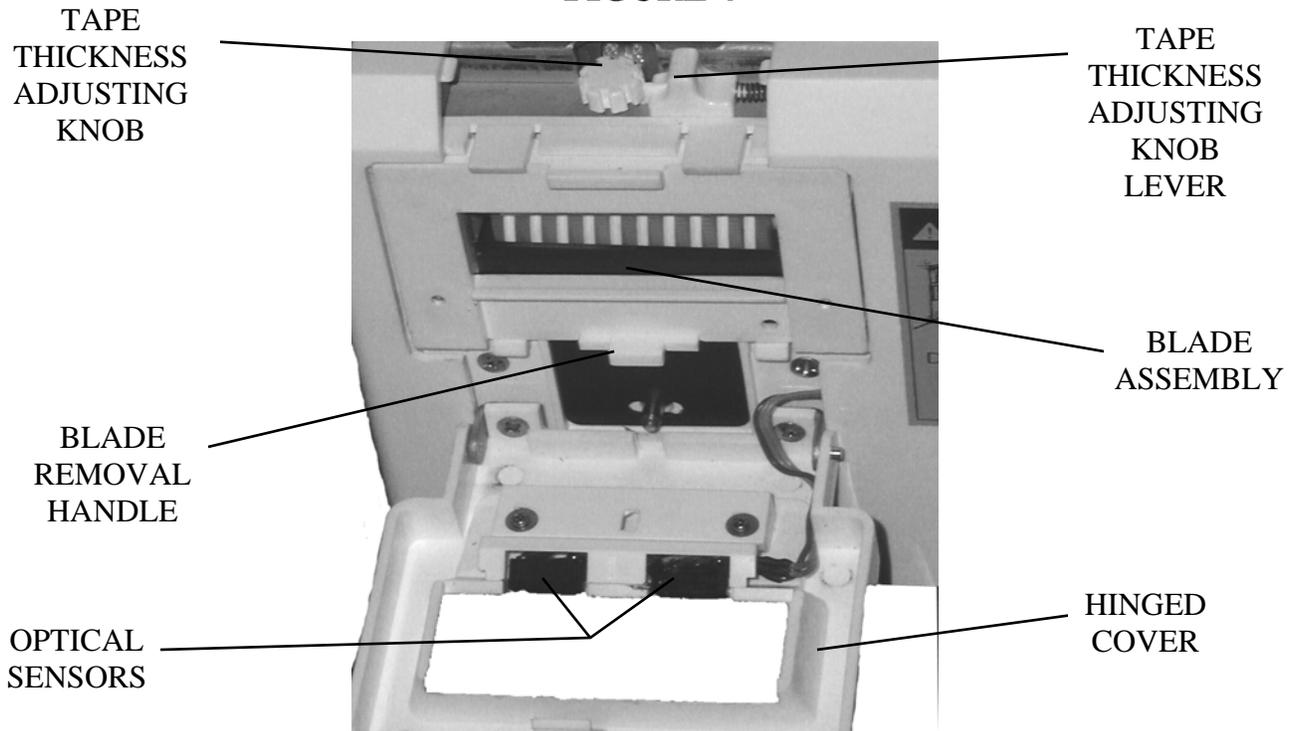
SECTION 4 – USING THE MACHINE IN AUTOMATIC MODE

- 1) LOAD THE TAPE AND TURN THE MACHINE ON AS DONE IN SECTION 2
- 2) PRESS THE MODE BUTTON (SEE FIGURE 3) AND THE INDICATOR LIGHT FOR AUTOMATIC WILL BE LIT AND A PIECE OF TAPE WILL BE DISPENSED TO THE SETTING OF THE DISPLAY (SEE FIGURE 3)
- 3) USING THE REWIND TAPE BUTTON AND THE TAPE FEED BUTTON (SEE FIGURE 3), CHANGE THE NUMBER IN THE DISPLAY TO EQUAL THE LENGTH OF TAPE DESIRED. PLEASE NOTE THIS NUMBER IS IN MILLIMETERS AND THAT THERE ARE 25.4 MILLIMETERS TO AN INCH.
- 4) REMOVE THE PIECE OF TAPE THAT HAS BEEN DISPENSED AND THE LENGTH OF TAPE SET ON THE DISPLAY WILL AUTOMATICALLY BE FED.
- 5) CONTINUE WORKING AND THE SAME LENGTH OF TAPE WILL BE FED EACH TIME THE PREVIOUS ON HAS BEEN REMOVED.
- 6) TO CHANGE BACK TO MANUAL MODE, PRESS THE MODE BUTTON AGAIN.

SECTION 5 – REMOVING THE TAPE FROM THE MACHINE

- 1) REMOVE ANY CUT PIECES OF TAPE
- 2) PRESS THE REWIND TAPE BUTTON (SEE FIGURE 3) UNTIL THE TAPE IS REMOVED FROM THE FEED WHEELS.
- 3) REMOVE THE SPOOLS FROM THE TAPE SPOOL MANDREL AND THE MODEL 6100 IS READY FOR ANOTHER TAPE.

FIGURE 4



SECTION 6 – ADJUSTMENTS AND MAINTENANCE

TAPE IS NOT FEEDING OUT STRAIGHT: DIFFERENT THICKNESS OF TAPE MAY FEED SLIGHTLY DIFFERENTLY CAUSING THE TAPE TO CURL OR NOT FEED OUT STRAIGHT. TO ALLEVIATE THIS PROBLEM, PRESS DOWN ON THE HINGED COVER LOCATED AT THE FRONT OF THE MACHINE (SEE FIGURE 1 AND 4). ON TOP OF THIS IS A WHITE KNOB WITH A LEVER TO THE RIGHT SIDE. SLIDE THE LEVER SO IT DOES NOT ENGAGE WITH THE KNOB AND TURN THE KNOB EITHER CLOCKWISE OR COUNTER-CLOCKWISE UNTIL THE TAPE IS FEEDING PROPERLY. THIS WILL TAKE SOME TRIAL AND ERROR. ONCE THE PROPER ADJUSTMENT IS FOUND, SLIDE THE LEVER TO THE LEFT SO IT ENGAGES WITH THE KNOB.

CLEANING AND REPLACEMENT OF BLADE ASSEMBLY: DEPENDING ON THE TYPE AND STRENGTH OF THE ADHESIVE ON THE TAPE BEING USED, THE BLADE ASSEMBLY MAY REQUIRE CLEANING OR REPLACEMENT. TO DO THIS PRESS DOWN ON THE HINGED COVER LOCATED AT THE FRONT OF THE MACHINE (SEE FIGURE 1 AND 4). THE BLADE ASSEMBLY BY LOCATING THE BLADE REMOVAL HANDLE (SEE FIGURE 4) AND PULLING TOWARDS YOU RELEASING THE BLADES. CLEAN WITH AN ADHESIVE SOLVENT OR REPLACE IF NECESSARY. TO REINSTALL BLADE ASSEMBLY LOCATE THE HORIZONTAL SLOT AT THE BOTTOM OF THE ASSEMBLY. LOCATING THE DOWEL PROJECTING FROM THE FRONT OF THE MACHINE. PUTTING THE DOWEL INTO THE HORIZONTAL SLOT OF THE BLADE ASSEMBLY, PUSH THE BLADE ASSEMBLY BACK INTO THE MACHINE UNTIL IT SNAPS INTO PLACE.

CHANGING UNROLLING TENSION OF TAPE ROLLS: IF THE TAPE IS JERKING FORWARD AS IT IS BEING FED, THE TAPE SPOOL MANDREL CAN BE TIGHTENED TO ALLEVIATE THIS PROBLEM. REMOVE THE TAPE SPOOL MANDREL FROM THE MACHINE AND FIND THE THUMB SCREW. LOOSEN OR TIGHTEN AS NECESSARY UNTIL THE TAPE UNROLLS SMOOTHLY WITHOUT ALLOWING TOO MUCH SLACK. REINSTALL TAPE SPOOL MANDREL.