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T6-6-30040 P.C. Board Installation Guide for Automatic Polypropylene Strapping Machine

Edition A
020922 ARD

SUPPORT 24/7: Hallbrookcomponents.com support team is ready 24/7, use online Zendesk, phone, or email. Details later in this guide.

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1. GENERAL INFORMATION

This document is a guide for P.C. Board Assembly. Listed below are the machines which are compatible to the **T6-6-30040 P.C. Board** spare part:

- TP-6000-1
- TP-6000CE1
- TP-6000-3
- TP-6000CE3

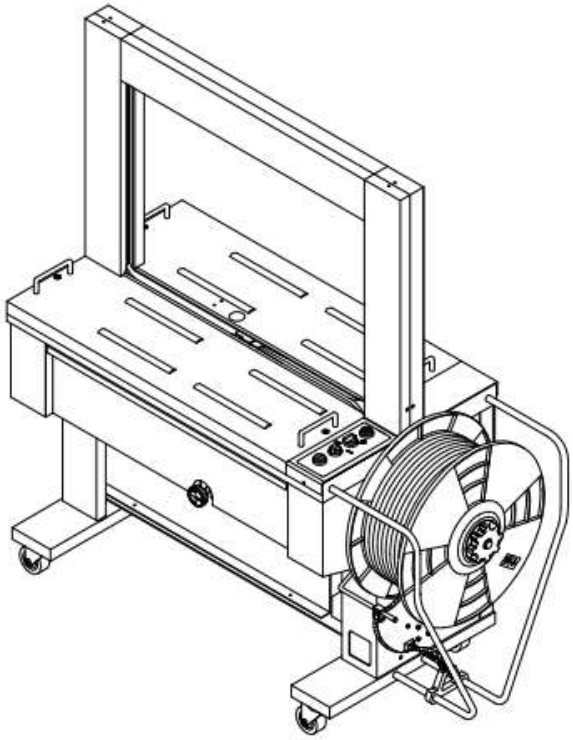


Figure A. TP-6000 Series Machine



Figure B. T6-6-30040 P.C. Board Heater Ass'y Drawing



Figure C. T6-6-30040 P.C. Board Heater Actual Image

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2. SAFETY GUIDE

Before working on the machine secure that the machine is in a safe condition, turned off, and if equipped with CE main switch the main switch should locked with a pad lock indicating machine is under service and repair. Best is always to unplug the machine from the electrical supply outlet. Secure the machine and heater are cold before working with the separator as it is close to the heater that will give burn marks if not cold.

3. REQUIREMENTS TO DO THE REPAIR AND ASSEMBLY OF NEW PART(S)

Tool must not be used or repaired by persons not properly trained or knowledgeable with the assembly. Failure to follow the operating and assembly instructions or improper load positioning could result in strap breakage. Become familiar with the tool and keep fingers away from areas that can pinch or cut.

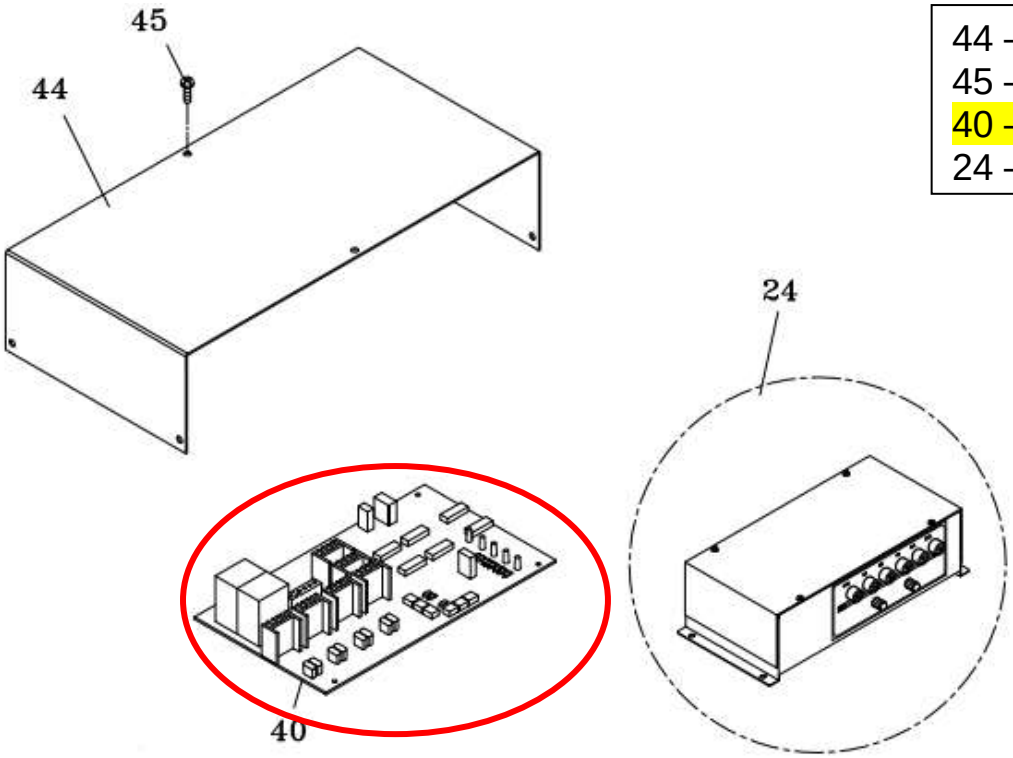
If in doubt contact our support team for further guidance and advice.

4. TOOL LIST FOR THE JOB

- Cleaning cloth
- Philips screwdriver small/medium size
- Set off plyers can be help full for disconnecting and reconnecting the cable crimps terminals.

5. SPARE PARTS DISMANTLING AND ASSEMBLY

T6-6-30040 P.C. Board is part for the Automatic Polypropylene Strapping Machine. The P.C. Board is connected to the following spare parts:



44 – Cover
45 – PMS, M3x6
40 – P.C. Board
24 – Electric Control Unit

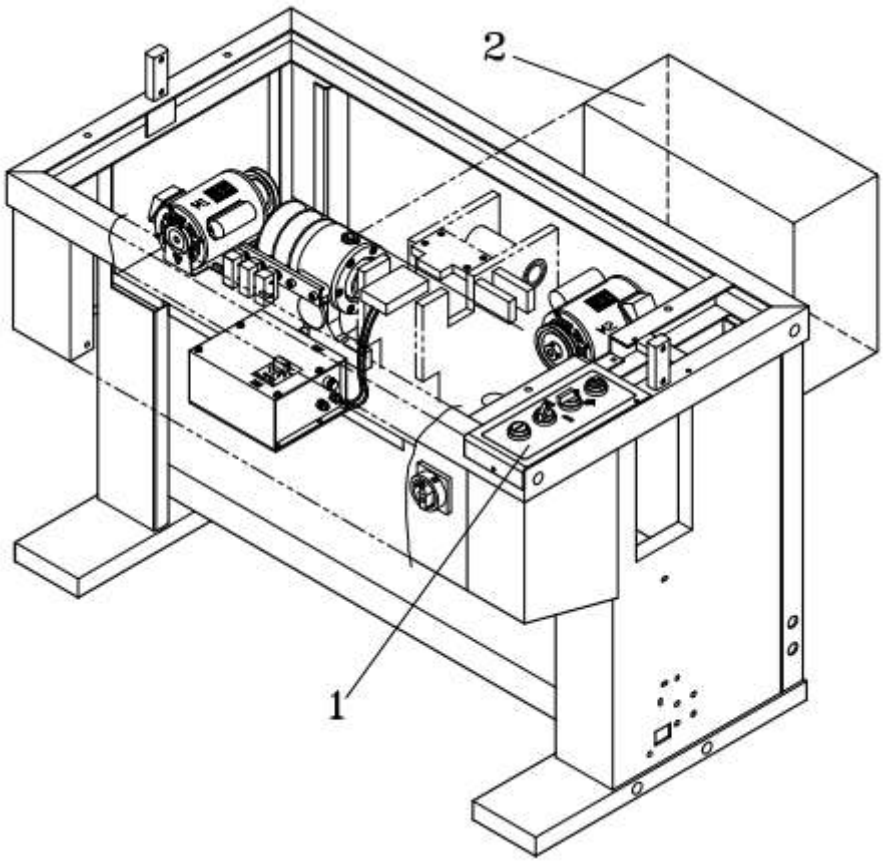
Figure D. Electric Control Unit

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The T6-6-30040 P.C. Board is under the cover of Electric Control Unit. It is installed and placed inside the T6-6-30038 Electric Box. To install/replace the P.C. Board, start with taking out the body or casing of the machine. Remove the T6-6-30044 Cover by loosening the Screws (PMS, M3x6). T6-6-30040 P.C. Board should be gently slide/removed inside T6-6-30038 Electric Box.

When the machine is not working, replace the P.C. Board if the following points are ok:

- T6-6-40010/T6-6-30011 Main Power Switch is not broken
- Check if wires for T6-6-10301/T6-6-40015/T6-6-30008 start switch or T6-6-10420 foot selector switch are not loose or broken. If the wires are broken, no signal will be received by the P.C. Board for starting strapping cycle.
- M1 motor is not broken or the fuse for M1 is not burnt else M1 Motor will not run for strapping
- Make sure fuses are not burnt
- The LS3 must not be pressed by T6-1-10140 Limit Switch Contactor A or relay K1 or K10 in electric box is not defective so that the M1 motor can work.



1 – Electric Control Group
2 – Electric Box Group

Figure E. Electric Control Group & Electric Box Group

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6. TEST OF COMPLETED ASSEMBLY AND MACHINE

Once the machine is assembled, secure that the machine is clean, oiled, and ready to run. Plug the machine, turn on the main switch, and let the machine warm up.

Secure that the strap is loaded and that the machine is warm. Do a test strap and follow up at least 4-5 times more to secure that everything is working perfectly.

7. ORDERING SPARE PARTS

Plan purchasing spare parts when replacing the T6-6-30040 P.C. Board.

Link to order:
https://hallbrookcomponents.com/tp-6000ce3-automatic-strapping-machine/2564-t6-6-30040-p-c-board.html
We advise to secure or order the following parts as well:

- T6-6-30038 Electric Box
- T6-6-30041 Transformer
- T6-6-30047 EMI Filter
- T6-6-30049 Variable Resistor (1M)
- T6-6-30350 Power Cable (Only CE)
- T6-6-30313 Connector (Socket)(5P)
- T6-6-30314 Connector (Socket)(8P)
- T6-6-30316 Connector (Socket)(4P)
- T6-6-30317 Connector (Socket)(2P)
- T6-6-30318 Connector (Socket)(3P)
- T6-6-10352 Connector (Socket)(Power)
- Or sign up to our newsletter and get our service kit support bag for free.

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- Spain phone: +34 – 699 900 987
- Italy phone: +39 – 351 988 0682
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