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# T5-4-10131 Transformer for 110V Installation Guide For 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 T5-4-10131 Transformer (for 110V) Assembly. Listed below are the machines which are compatible to the T5-4-10131 Transformer (For 110V) spare part:

- TP-501
- TP-502

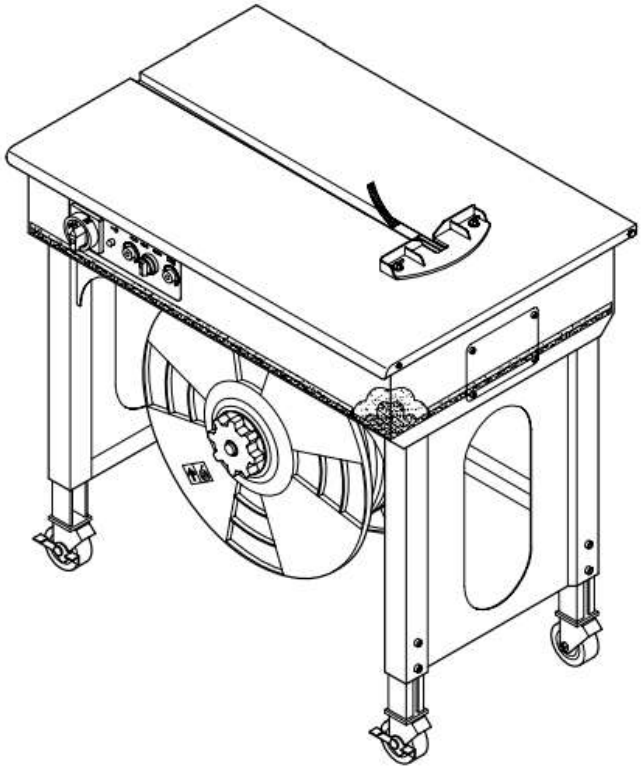


Figure A. TP-501 Series Machine

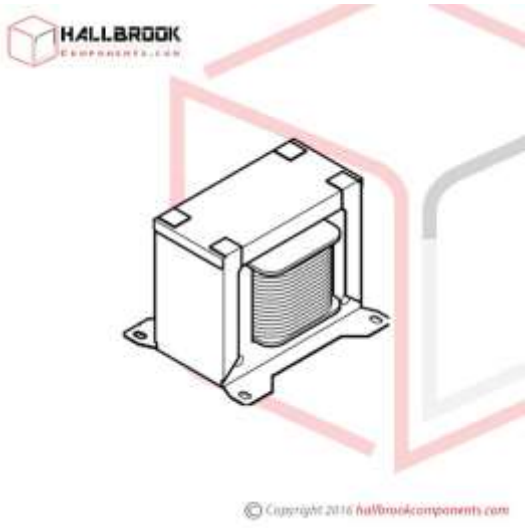
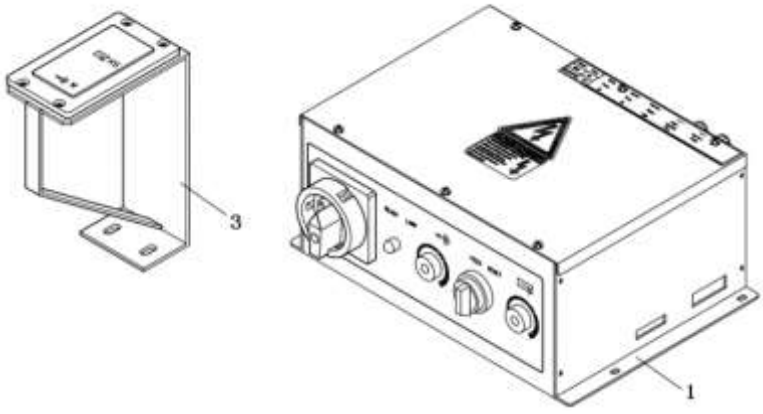



Figure B. T5-4-10131 Transformer (110V) Drawing




1 – Electric Control group

3 – Indicator Group

Figure C. Electric Control Unit Drawing

## 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

T5-4-10131 Transformer (For 110V) is part of the Electric Control Unit. The Electric Control Unit is composed of the following spare parts.

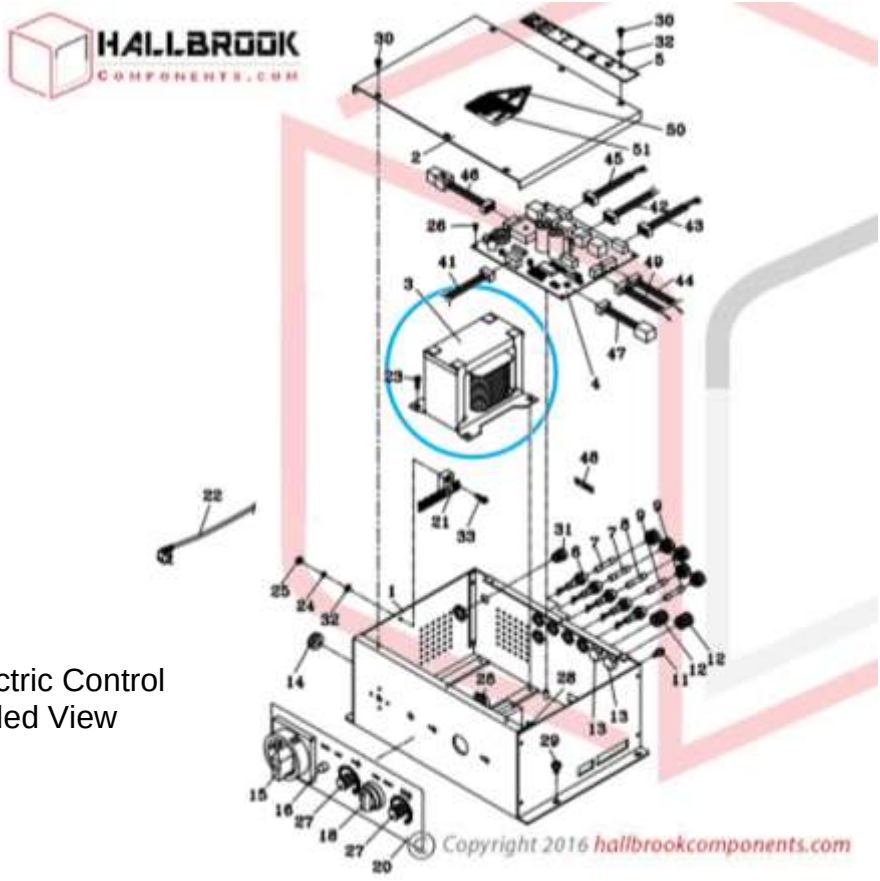



Figure C. Electric Control Group Exploded View

| ITEM NO. | DESCRIPTION | ITEM NO. | DESCRIPTION |
|---|---|---|---|
| 3 | Transformer (110V) | 16 | Ready Lamp |
| 4 | P.C.B | 27 | Knob |
| 47 | Wire Ass'y x7 | 18 | Selector Switch |
| 44 | Power Cord | 20 | Label |
| 23 | TMS, M4x8 | 28 | Variable Resistor |
| 48 | Label (Option) | 29 | PMS, M6x10 |
| 21 | Earth Plate (5P) | 13 | Variable Resistor (5K) |
| 33 | TMS, M4x12 | 21 | Earth Plate (5P) |
| 25 | HN, M4 | 8 | Fuse (1A) |
| 24 | SW, M4 | 9 | Fuse (10A) |
| 32 | PW, M4 | 11 | Jog Switch |
| 14 | Grommet | 12 | Knob |
| 6 | Fuse Holder | 15 | Main Power Switch |
| 7 | Fuse | | |

Table A. Electric Control Unit Sub-Parts

1. Simply remove the Cover (T5-4-10120) by unfastening the Screws #30 (ref. Figure C.).
2. Carefully detach the cables and wires attached to the Transformer #3 (T5-4-10131).
3. Unfasten the Screws #23 (TMS, M4x8).
4. Carefully remove the old Transformer #3 (T5-4-10131) and replace with the new one.
5. When secured, fasten the Screws #23 (TMS, M4x8) back on, reattach the wires and cables, and fasten the Cover (T5-4-10120) back in place.

## 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.

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## 7. ORDERING SPARE PARTS

Plan purchasing spare parts when replacing theT5-4-10131 Transformer (110V).

Link to order:
https://hallbrookcomponents.com/tp-502-semi-automatic-strapping-machine/1401-t5-4-10131-transformer-for-110v.html?search_query=T5-4-10131&results=1

We advise to secure or order the following parts as well:

- T5-2-10560 Colored Adhesive Tape (E)
- T5-2-10190 Front Door
- T6-5-10160 Magnet Catch
- T5-1-12320 Heater
- TB-113 Heater Ass'y
- T5-1-13000 Rear Bar Ass'y
- T5-1-14000 Press Bar Ass'y
- TA-079A Front bar Ass'y
- Or sign up to our newsletter and get our service kit support bag for free.

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- USA phone: +1 – 310 773 3423
- Spain phone: +34 – 699 900 987
- Italy phone: +39 – 351 988 0682
- Sweden phone: +46 – 31 799 5398
- Philippines phone: +63 - 916 777 5299
- Hong Kong phone: +852 - 8170 1025

Always check the web for latest or updated phone numbers.




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