



T60 GLUE GUN



trend[®]
routing technology

Dear Customer

Thank you for purchasing this Trend product, we hope you enjoy many years of creative and productive use.

Please remember to return your guarantee card within 28 days of purchase.

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If you require further safety advice, technical information or spare parts, please call our technical support department or visit www.trend-uk.com

INTRODUCTION

The T60 hot melt glue gun is a single component cartridge glue gun for hot melt PUR (polyurethane) adhesive. This adhesive features the following properties:

- Bonds ceramics, metal, marble, glass, wood, various plastics (except polypropylene (PP), polyethylene (PE), polystyrene and silicone), leather and textiles.
- Fast initial bond combined with high final bond strength.
- Suitable for indoor and outdoor use because resistant to temperatures from - 40 °C to +100 °C.
- Weatherproof.
- Solvent-free.
- Excess glue is easily removed from surfaces, e.g. wood, without leaving marks or the need for corrective action.
- Time taken for glue to set fully will depend on the natural moisture content of materials used (1 – 5 days). (See Final Strength of PUR Adhesive Table).
- Resistant to high temperatures (bond will remain intact until heated to 130 °C).
- Light-ivory colour when set.

The following symbols are used throughout this manual:



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.



Denotes risk of electric shock.

INTENDED USE

The cordless hot melt glue gun is a single component cartridge glue gun for use with hot melt PUR (polyurethane) adhesive. It can be used to bond ceramics, metal, marble, glass, wood, various plastics (except polypropylene (PP), polyethylene (PE), polystyrene and silicone), leather and textiles.

**CE CONFORMITY
DECLARATION**

This product complies with European Directive on Low Voltage Appliances 73/23/EEC and the EMC Directive 89/36/EEC.

TECHNICAL DATA

Voltage:	220-240V 50 Hz
Ampage:	2.3A
Heating output:	14W, starting phase 500W
Heat up time:	10-13 minutes
Adhesive working temperature:	100-140 °C
Time allowed for alignment:	60 ± 15 seconds (depending on materials being glued)
Max. working time after heat-up (after disconnecting from mains power):	approx. 15-20 minutes (cordless gluing)
Cartridge content:	50g
Final adhesive bond strength achieved:	1-5 days (depending on materials being glued)
Glue life:	Use within 4 weeks of opening
Weight:	0.73kg
Fuse:	UK & Eire 230V 5A in plug Europe 230V in mains

SAFETY



WARNING:

Observe the safety regulations in this manual and read the following instructions carefully. Failure to do so could lead to serious injury. When using electric tools, basic safety precautions, including the following should always be followed to reduce the risk of fire, electric shock and personal injury. Also observe any applicable additional safety rules. Read the following safety instructions before attempting to operate this product.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

The attention of UK users is drawn to The Provision and Use of Work Equipment Regulations 1998, and any subsequent amendments.

Users should also read the HSE/HSC Safe Use of Woodworking Machinery Approved Code of Practice and Guidance Document and any amendments.

Users must be competent with woodworking equipment before using our products.

IMPORTANT NOTE:

Residual Risk. Although the safety instructions and operating manuals for our tools contain extensive instructions on safe working with power tools, every power tool involves a certain residual risk which cannot be completely excluded by safety mechanisms. Power tools must therefore always be operated with caution!

Safety Warnings



1. Carefully read through the operating instructions before using the glue gun.
2. The PUR hot melt adhesive reaches a temperature of 140 °C. **Caution: burn hazard.** If glue comes into contact with skin, immediately hold affected area under cold running water for several minutes. Do not attempt to remove glue from skin first. In case of emergency, consult a doctor.
3. Wear suitable gloves when working with the glue gun.
4. Keep out of reach of children.
5. Only apply heat (130 °C, using a hot air gun) to remove glue, in well-ventilated rooms.

6. Be extra careful of hot glue dripping when applying to vertical surfaces.
7. Do not use glue gun on overhead surfaces.

Polyurethane Glue Safety Warning



1. Contains 4,4'- Methylene diphenyl diisocyanate.
2. May cause sensitisation by inhalation or skin contact.
3. Do not inhale vapours - use only in well ventilated areas.
4. Keep out of reach of children.
5. Wear suitable protective clothing and gloves.
6. In case of an accident or if you feel unwell, seek medical advice immediately (show the label wherever possible).
7. Safety data sheet available upon request or via our website www.trend-uk.com
8. Perfect operation will only be guaranteed by using genuine Trend supplied Steinel hot melt adhesive.



Allow at least 25 minutes for heat head to cool down before touching.



Allow at least 45 minutes for cartridge to cool down before removing.



CAUTION: Glue gun gets very hot! Keep out of reach of children.

ELECTRICAL SAFETY 

Power Supply

The electric motor has been designed for one voltage only. Always check that the power supply corresponds to the voltage on the rating plate. Machines marked for 230 volt can also be operated from a 220 volt supply.



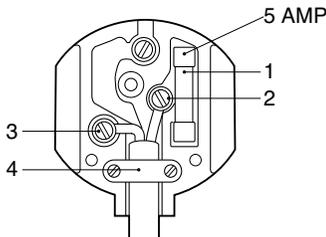
The T60 is double insulated therefore no earth wire is required.

Mains Plug Replacement (UK & Ireland only)

Always check the condition of the cable and plug before starting with your work.

Should your mains plug need replacing and you are competent to do this, proceed as instructed below. If you are in doubt, contact an authorised Trend repair agent or a qualified electrician.

- Disconnect the plug from the supply.
- Cut off the plug and dispose of it safely. (Note a plug with bared copper conductors is dangerous if engaged in a live socket outlet).
- Only fit a 5 Amperes BS 1363A approved plugs fitted with a 5 Amp A.S.T.A approved BS 1362 fuse (1).
- The cable wire colours or a letter, will be marked at the connection points of most good quality plugs. Attach the wires to their respective points in the plug (see below). Brown is for Live (L) (2) and Blue is for Neutral (N) (3).
- Before replacing the top cover of the mains plug ensure that the cable restraint (4) is holding the outer sheath of the cable firmly and that the two leads are correctly secured in the terminal screws.



Never connect to a light socket. Never connect the live (L) or neutral (N) wires to the earth pin marked

E or \perp .

Using an Extension Cable

- If an extension cable is required, use an approved triple core extension cable suitable for the power input of this tool (see technical data).
- When using a cable reel, always unwind the cable completely.
- Also refer to the table below.

Conductor size (mm ²)	Cable rating (Amperes)
0.75	6
1.00	10
1.50	15
2.50	20
4.00	25

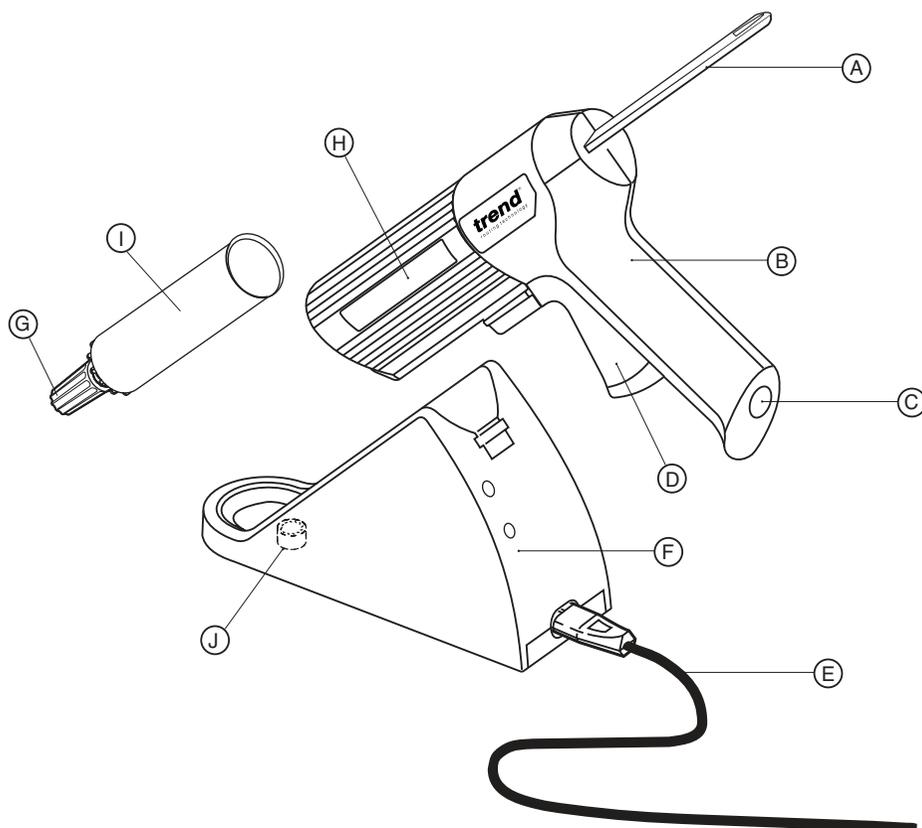
		Cable length (m)					
		7.5	15	25	30	45	60
Voltage	Amperes	Cable rating (Amperes)					
230	0 - 2.0	6	6	6	6	6	6
	2.1 - 3.4	6	6	6	6	6	6
	3.5 - 5.0	6	6	6	6	10	15
	5.1 - 7.0	10	10	10	10	15	15
	7.1 - 12.0	15	15	15	15	20	20
	12.1 - 20.0	20	20	20	20	25	-

ITEMS ENCLOSED

- 1 x Hot melt glue gun (handle and heating head)
- 1 x Base station
- 1 x Cord with plug
- 1 x Feed rod
- 1 x PUR glue cartridge 50g
- 1 x Instructions
- 1 x Guarantee card

DESCRIPTION OF PARTS

- A. Feed rod
- B. Handle
- C. Cartridge cap storing compartment
- D. Trigger
- E. Power cord with plug
- F. Base station with status indicator
- G. Screw cap
- H. Heating head
- I. PUR glue cartridge 50g
- J. Screw cap receptacle

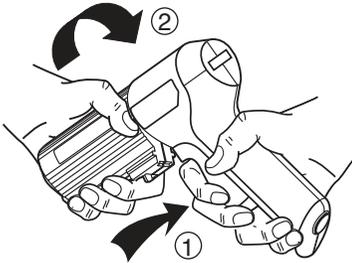


ASSEMBLY & OPERATION

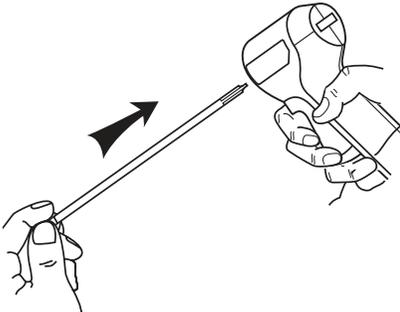


Getting Started 

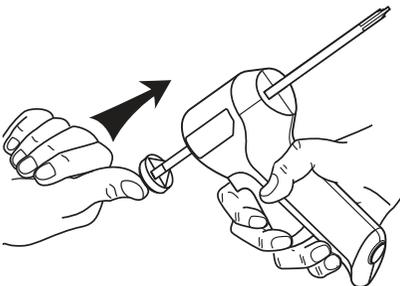
1. Detach heating head from handle. To do this, release bayonet catch by pulling trigger and then turning heating head.



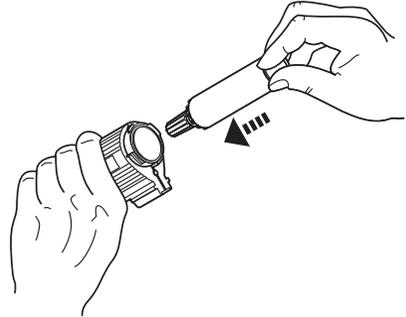
2. Insert the enclosed feed rod into the handle.



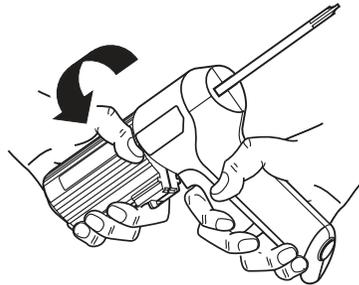
3. Push the feed rod into the handle until it reaches the stop point.



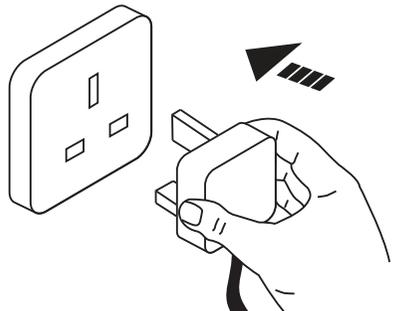
4. Insert the sealed cartridge into the heating head.



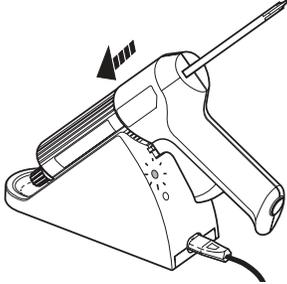
5. Re-assemble heating head and handle (turn bayonet catch so that it clips into place).



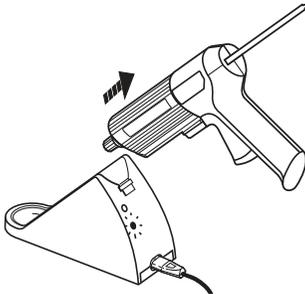
6. Plug in power cord in order to supply cradle indicator base station with mains power. The green light will illuminate.



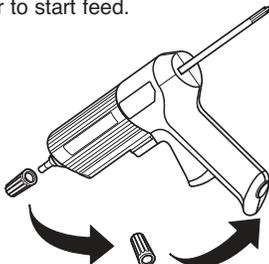
7. Insert gun into contact slots on base station. The glue will now start to heat up. The red indicator will illuminate whilst the glue is warming up (approx. 10-13 minutes).



8. The red indicator will extinguish when the glue has reached the correct bonding temperature. The hot glue gun can now be removed from base station and used.



9. Unscrew cap (it can be stored in handle). Pull trigger to commence gluing. Feed rod will advance against cartridge plunger. Glue will emerge from nozzle. A new glue cartridge may require the push feed rod to be pushed down with your other hand when squeezing trigger to start feed.



Always return glue gun to base station when not in use. Do not lay gun down onto surfaces.

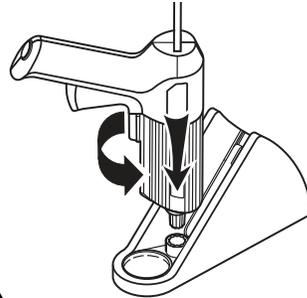
Mounting Base Station in a Fixed Position

If you wish, you can mount the base station on a firm base surface. Two recessed holes 3mm diameter are provided underneath the base station for this purpose. Screw spacing is 38mm. Two self tapping screws (not supplied) can be screwed into the holes from the underside. Ensure screws are of suitable length.



Important Information

If you are unable to remove the screw cap with your bare hands after several times of use because it has become stuck, it can be released, using the receptacle in the base station.



Important: You must only heat up the hot melt adhesive in the base station.

- Always secure cartridge cap firmly during heating and after use.
- Before heating a new cartridge, allow heating head to cool down.



Allow at least 25 minutes for heating head to cool down and 45 minutes for cartridge to cool down.

- If cartridge and heating head accidentally stick together, they can be separated again after they have warmed up. Clean glue residue from heating unit by mechanical means.

Tips on Achieving Good Gluing Results



- Perfect operation can only be ensured when using genuine Trend supplied Steinel glue cartridges.
- The materials to be glued should be free of grease, dry and absolutely clean (clean with a paper tissue, for example). **Important:** do not use any solvents or similar liquid cleaners. Further more, it is recommended to roughly sand the surfaces to be glued, particularly for treated metals such as anodised aluminium, galvanised metal for example.
- When gluing glass, the bond should not be exposed continuously to direct sunlight (UV radiation). Tape over the back of the bond, if necessary.
- The surfaces being glued together should be at room temperature. Before applying glue to cold materials, e.g. tiles, marble, etc., warm them (with a hot air gun, for instance) so that glue does not harden too quickly and shorten working time.
- Fix heavy items in position immediately after gluing (e.g. using adhesive tape).
- Optimum bond strength is achieved by mating up the two contact surfaces immediately after applying glue.
- Hardened, excess glue can easily be removed with a knife.
- Bonds can be separated again by applying heat (130 °C, e.g. using a hot air gun).
- Apply the glue in dabs or beads. Do not spread.
- Unplug in the event of prolonged application interruptions (over 60 minutes) and replace screw cap.
- Tightly securing the screw cap of the cartridge after use will prolong the life of the PUR hot-melt adhesive.
- The load-bearing capacity of the bond will essentially depend on the strength of the substrate (e.g. when gluing on wallpaper).

Final Strength of PUR Adhesive

PUR Bond	Initial Strength after 5 minutes	Final Strength after 24 hours	Final Strength after 5 days
Wood / Wood	++	+++	+++
Wood / Metal	+	+	++
Wood / Ceramics	+	++	+++
Wood / Leather	++	+++	+++
Wood / Textiles	++	+++	+++
Wood / Plastic	+	++	+++
Wood / Glass	+	++	+++
Metal / Metal	+	+	++
Metal / Ceramics	+	+	++
Metal / Leather	+	+	++
Metal / Textiles	+	+	++
Metal / Plastic	●	+	++
Metal / Glass	+	+	++
Ceramics / Ceramics	+	+	++
Ceramics / Leather	+	+	++
Ceramics / Textiles	+	+	++
Ceramics / Plastic	+	++	+++
Ceramics / Glass	+	+	++
Leather / Leather	++	+++	+++
Leather / Textiles	++	+++	+++
Leather / Plastic	+	+	++
Leather / Glass	+	+	++
Textiles / Textiles	++	+++	+++
Textiles / Plastic	+	++	+++
Textiles / Glass	+	+	++
Plastic / Plastic	●	+	++
Plastic / Glass	+	++	+++
Glass / Glass	+	+	++

Key	
+++	very good
++	good
+	satisfactory
●	adequate

TROUBLE SHOOTING

Fault	Cause	Remedy
<ul style="list-style-type: none"> ■ Unit not warming up. 	<ul style="list-style-type: none"> ■ No power supply. ■ No electrical contact between heating head and base station. ■ Electrical contacts on heating head dirty or soiled with glue. 	<ul style="list-style-type: none"> ■ Check power cord. ■ Insert heating head into contact slot on base station. ■ Clean electrical contacts on heating head by mechanical means.
<ul style="list-style-type: none"> ■ Feed mechanism faulty. 	<ul style="list-style-type: none"> ■ Trigger not pressed in all the way. 	<ul style="list-style-type: none"> ■ Press in trigger all the way.
<ul style="list-style-type: none"> ■ Glue has stopped coming out of cartridge. 	<ul style="list-style-type: none"> ■ Glue temperature too low. 	<ul style="list-style-type: none"> ■ Tightly seal cartridge and re-heat in base station.
<ul style="list-style-type: none"> ■ Green indicator light comes back on straight away again after changing cartridge. 	<ul style="list-style-type: none"> ■ Heating head still retaining heat from initial use. 	<ul style="list-style-type: none"> ■ Allow heating head to cool down for approx. 25 minutes. Allow 45 minutes before changing cartridge.
<ul style="list-style-type: none"> ■ Glue will not come out of cartridge. 	<ul style="list-style-type: none"> ■ Glue has gone hard at tip end. ■ Air has become trapped after several times of heating. ■ New cartridge fitted. 	<ul style="list-style-type: none"> ■ Use pointed object to push through/remove hardened glue. ■ Using your other hand push feed rod each time you pull the trigger. ■ Using your other hand push feed rod when squeezing trigger to start feed.

MAINTENANCE AND CARE

Glue Gun Cleaning

- Keep the glue gun clean at all times. Some maintenance products and solvents may damage plastic parts, these include product containing Benzene, Trichloroethylene Chloride and Ammonia.
- Never use caustic agents to clean the unit.
- Clean glue residue from heating unit by mechanical means.

Base Station Cleaning

- Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.



Disconnect the charger from the power supply before cleaning.

Lubrication

- Your glue gun requires no additional lubrication.

Glue Cartridge Storage

- Store in a cool dry place.
- Keep glue cartridge in sealed outer packaging until required to be fitted into glue gun.
- Place screw cap on end of cartridge when not in use.

ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing as waste.

Accessories and packaging should be sorted for environmentally-friendly recycling.



Separate collection. This product must not be disposed of with normal household waste.

Household User

Local regulations may provide separate collection of electrical products from the household, at municipal waste sites or by retailer when you purchase a new product.

Please call Trend Customer Services for advice as to how to dispose of unwanted Trend electrical products in an environmentally safe way or visit www.trend-uk.com

Business User

Please call Trend Customer Services for disposal of unwanted Trend electrical products.

GUARANTEE

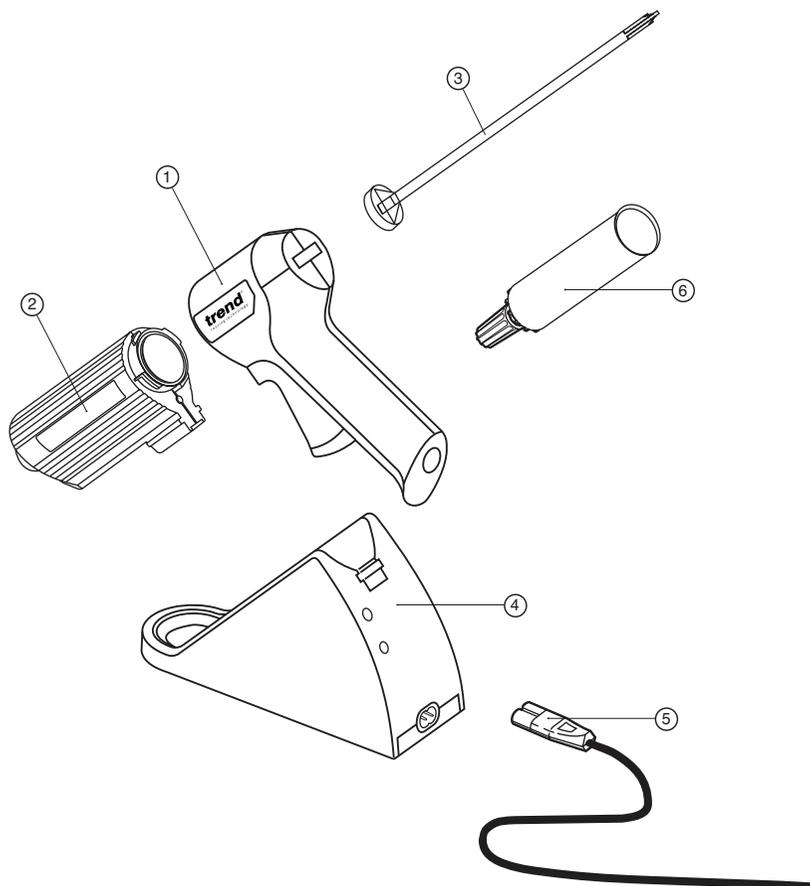
This glue gun carries a manufacturer's guarantee in accordance with the conditions on the enclosed guarantee registration card.

For the location of your nearest Trend Service Agent, please call Trend Customer Services or see Stockist Locator at www.trend-uk.com

T60 - SPARE PARTS LIST			V1.0 03/2009
No.	Qty	Desc.	Ref.
1	1	Handle C/W Trigger	WP-T60/01
2	1	Heat Head	WP-T60/02
3	1	Feed Rod	WP-T60/03
4	1	Base Station	WP-T60/04
5	1	Cable 2 Core with Plug 230V UK	WP-T60/05
	1	Cable 2 Core with Plug 230V EURO	WP-T60EURO/05
6	1	PUR Glue Cartridge 50g UK (1 off)	T60/PUR/1
6	1	PUR Glue Cartridge 50g UK (5 off)	T60/PUR/5
7	1	Manual	MANU/T60

T60 - SPARE PARTS DIAGRAM

V1.0 03/2009



MANUT60 V1.0



RECYCLABLE

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