

# Shaped hot melt Glue Gun Guide

**tec**  
glue guns



As one of the world's leading producers of hand-held industrial glue guns, Power Adhesives offers the largest range of tools on the market. The company's fine-tuned design process means its guns also feature the most technically advanced control systems available.

Tec glue guns can apply hot melt adhesive in bead, dot and even spray patterns, depending on the model selected. Tool selection should be based on the amount of adhesive required per assembly, as well as the number of assemblies needed to be produced per hour. The wattage of the tool normally determines the melt rate.

Used around the globe in both industrial and DIY environments, tec glue guns and tecbond adhesives provide a hot melt system that is fully optimised to deliver reliable, professional results across a range of applications.

In general the larger tools are more powerful and are capable of providing greater volumes of hot melt adhesive, at the correct temperature, for optimum bonding.

## Key for glue gun guide



### Glue Size

The diameter of the adhesive for the applicator.



### Output

The amount of adhesive, per hour, that can be applied by the glue gun.



### Weight

How much the applicator weighs (with no glue loaded).



### Power Source

The type of power source that the applicator runs on.



### Voltage

The voltage that the applicator runs at.



### Heater

The heater component in the applicator.



### Wattage

The wattage that the applicator runs at.



### Temperature

The temperature that the applicator runs at.



### Glue Gun Application

Match the glue gun to your industry.

High performing glue guns designed to be totally reliable in tough industrial environments.



Vacuum Infusion



Precast Concrete



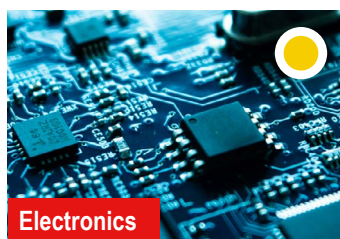
Construction



Foundry



Automotive



Electronics



Foam & Mattress



Packaging



Flooring



Product assembly



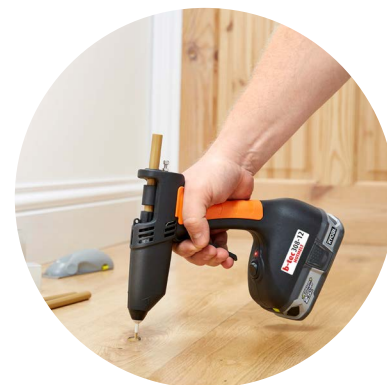
Woodworking



Arts, Crafts & Floristry

## 300 Series


The 300 series tools are the lower-volume tools in the tec range and designed for DIY and light industrial applications. More robust and efficient than your average entry-level tool, the tec 305 and b-tec 308 have been used in a variety of industries including packaging, woodworking, electrical and hobby & craft. With both tools capable of applying around 1kg of adhesive per hour, they're the perfect tools for applications where smaller amounts of adhesive are required.



### Tec 305-12

 **Glue size**  
12mm (½")

 **Output**  
900g (2lbs)/hr

 **Voltage**  
110-230V

 **Heater**  
PTC

 **Weight**  
400g (14oz)

 **Power Source**  
Mains powered

 **Wattage**  
20W (150W)


 **Temperature**  
195° (380°F)

Economical, industrial 12mm (½") hot melt applicator. Lightweight and easy-to-use with output of 900g/hr (2lbs). Available in hot and low melt variants.



### B-tec 308-12

 **Glue size**  
12mm (½")

 **Output**  
1kg (2.2lbs)/hr

 **Voltage**  
18V

 **Heater**  
PTC

 **Weight**  
360g (12.5oz)

 **Power Source**  
Battery powered

 **Wattage**  
20W (150W)

 **Temperature**  
195° (380°F)

Lightweight, industrial cordless 12mm (½") hot melt applicator. Features eco-mode setting to extend battery life. Output of 1kg/hr (2.2lbs). Fully compatible with the Badaptor battery adapters.




## 800 Series


The 800 series tools take DIY and industrial hot melt bonding to the next level. Doubling the adhesive output of the 300 series tools, 800 series tools offer users extended working times and more varied temperature options, depending on the applicator used. For more demanding applications where higher glue output is required, all 800 series tools are available in 15mm variants. The larger wattage inside the 15mm models greatly increases the recovery time of heater warmup, which in turn decreases applicator downtime.




### Tec 806-12

 **Glue size**  
12mm (½")

 **Output**  
1.7kg (3.8lbs)/hr


 **Voltage**  
110-230V

 **Heater**  
PTC

 **Weight**  
640g (22.5oz)

 **Power Source**  
Mains powered

 **Wattage**  
25W (250W)

 **Temperature**  
130° (265°F)  
195° (380°F)

Professional, light industrial 12mm (½") hot melt applicator for higher output. Available in hot and low melt variants.



### Tec 806-15

 **Glue size**  
15mm (½")

 **Output**  
1.8kg (4lbs)/hr


 **Voltage**  
110-230V

 **Heater**  
PTC

 **Weight**  
640g (22.5oz)

 **Power Source**  
Mains powered

 **Wattage**  
25W (250W)


 **Temperature**  
130° (265°F)  
195° (380°F)

Professional, light industrial 15mm (½") hot melt applicator for higher output. Available in hot and low melt variants.




### B-tec 808-12

 **Glue size**  
12mm (½")

 **Output**  
2.0kg (4.5lbs)/hr

 **Voltage**  
18V

 **Heater**  
PTC

 **Weight**  
580g (20.5oz)

 **Power Source**  
Battery powered

 **Wattage**  
20W (150W)

 **Temperature**  
195° (380°F)









Medium size, cordless 12mm (½") hot melt applicator. Feature eco-mode setting to extend battery life. Output of 2kg/hr (4.5lbs). Compatible with the Badaptor battery adapters.















## B-tec 808-15

 <b>Glue size</b> 15mm (5/8")	 <b>Output</b> 2.0kg (4.5lbs)/hr	 <b>Voltage</b> 18V	 <b>Heater</b> PTC
 <b>Weight</b> 580g (20.5oz)	 <b>Power Source</b> Battery powered	 <b>Wattage</b> 20W (150W)	 <b>Temperature</b> 195° (380°F)

Medium size, cordless 15mm (5/8") hot melt applicator. Feature eco-mode setting to extend battery life. Output of 2kg/hr (4.5lbs). Compatible with the Badaptor battery adapters.











## Tec 810-12

 <b>Glue size</b> 12mm (1/2")	 <b>Output</b> 2.0kg (4.5lbs)/hr	 <b>Voltage</b> 120V and 230V	 <b>Heater</b> Cartridge
 <b>Weight</b> 770g (27oz)	 <b>Power Source</b> Mains powered	 <b>Wattage</b> 250W	 <b>Temperature</b> 195° (380°F)

Medium size, industrial 12mm (1/2") glue applicator for continuous use. Available in hot and low melt variants.











## Tec 810-15

 <b>Glue size</b> 15mm (5/8")	 <b>Output</b> 2.0kg (4.5lbs)/hr	 <b>Voltage</b> 120V and 230V	 <b>Heater</b> Cartridge
 <b>Weight</b> 770g (27oz)	 <b>Power Source</b> Mains powered	 <b>Wattage</b> 300W	 <b>Temperature</b> 195° (380°F)

Heavy-duty, industrial 15mm (5/8") glue applicator for continuous use. Available in hot and low melt variants.



## Tec 820-12

 <b>Glue size</b> 12mm (1/2")	 <b>Output</b> 2.5kg (5.5lbs)/hr	 <b>Voltage</b> 120V and 230V	 <b>Heater</b> Cartridge
 <b>Weight</b> 770g (27oz)	 <b>Power Source</b> Mains powered	 <b>Wattage</b> 250W	 <b>Temperature</b> 130° - 200° (265° - 350°F)

Heavy-duty, industrial 12mm (1/2") glue applicator with adjustable thermostat between 130° - 200°C (265° - 350°F).





## Tec 820-15



**Glue size**  
15mm ( $\frac{5}{8}$ " )



**Output**  
2.5kg (5.5lbs)/hr



**Voltage**  
120V and 230V



**Heater**  
Cartridge



**Weight**  
770g (27oz)



**Power Source**  
Mains powered



**Wattage**  
300W



**Temperature**  
130° - 200°  
(265° - 390°F)

Heavy-duty, industrial 15mm ( $\frac{5}{8}$ " ) glue applicator with adjustable thermostat between 130° - 200°C (265° - 390°F).



## 3000 Series

Designed to work with Power Adhesives' specially designed 43mm adhesive slugs, the 3000 series tools provide users with the highest possible output of any bead application glue gun, without being supplemented by compressed air. With an output of over 3kg per hour for both tools, the 3000 series guns can easily tackle most industrial applications from construction and foundry, to automotive and packaging.



### Tec 3150-43



**Glue size**  
43mm (1 3/4")



**Output**  
3.0kg (6.5lbs)/hr



**Voltage**  
120V and 230V



**Heater**  
Cartridge



**Weight**  
1.4kg (3lbs)



**Power Source**  
Mains powered



**Wattage**  
300W



**Temperature**  
130° (265°F)  
195° (380°F)

High output, industrial 43mm (1 3/4") hot melt applicator for all-day use. Designed to work with tecbond 43mm (1 3/4") adhesive slugs.



### Tec 3400-43



**Glue size**  
43mm (1 3/4")



**Output**  
3.8kg (8.25lbs)/hr



**Voltage**  
120V and 230V



**Heater**  
Cartridge



**Weight**  
1.6kg (3.5lbs)



**Power Source**  
Mains powered



**Wattage**  
400W



**Temperature**  
Adjustable

High output, industrial 43mm (1 3/4") hot melt applicator with adjustable temperature via thermostat modules. 130°C (265°F), 160°C (320°F), 180°C (350°F), 195°C (380°F) and 215°C (420°F) modules come as standard. Output of 3.8kg/hr (8.25lbs).



## 6000 Series

The 6000 series of tools are designed to withstand the toughest of applications in industrial environments. Pneumatically assisted to increase output and reduce operator fatigue, the 6000 series includes both a bead and spray application tool to suit the requirements of the user. The 6300-spray applicator utilises the air supply to generate a spray/swirl pattern without the use of solvents or canisters.



### Tec 6100-43



**Glue size**  
43mm (1 3/4")



**Output**  
4.1kg (9lbs)/hr



**Voltage**  
120V and 230V



**Heater**  
Cartridge



**Weight**  
1.4kg (3lbs)



**Power Source**  
Mains powered



**Wattage**  
500W



**Temperature**  
130° (265°F)  
195° (380°F)

Extremely high output, pneumatically assisted 43mm (1 3/4") hot melt applicator. Requires compressor and electrical supply.



### Tec 6300-43



**Glue size**  
43mm (1 3/4")



**Output**  
4.2kg (10lbs)/hr



**Voltage**  
120V and 230V



**Heater**  
Cartridge



**Weight**  
1.4kg (3lbs)



**Power Source**  
Mains powered



**Wattage**  
500W



**Temperature**  
180° (350°F)

Extremely high output, unique swirl-based 43mm (1 3/4") applicator using compressed air and electricity.



## 7000 Series

For the most demanding applications, the 7000 series builds upon the 6000 tools to provide higher output and longer working times. Maintaining a constant temperature thanks to their state-of-the-art cartridge heaters, the large speed loader allows three 43mm slugs to be loaded at once for seamless working with minimal downtime.



### Tec 7100-43



**Glue size**  
43mm (1 3/4")



**Output**  
5.0kg (11lbs)/hr



**Voltage**  
120V and 230V



**Heater**  
Cartridge



**Weight**  
2.3kg (5lbs)



**Power Source**  
Mains powered



**Wattage**  
1000W



**Temperature**  
130° (265°F)  
195° (380°F)

Extremely high output, pneumatically assisted 43mm (1 3/4") hot melt applicator. Additional speed loader for extended use. Requires compressor and electrical supply.



### Tec 7300-43



**Glue size**  
43mm (1 3/4")



**Output**  
5.0kg (11lbs)/hr



**Voltage**  
120V and 230V



**Heater**  
Cartridge



**Weight**  
2.3kg (5lbs)



**Power Source**  
Mains powered



**Wattage**  
1000W



**Temperature**  
180° (350°F)

Extremely high output, unique swirl-based 43mm (1 3/4") applicator using compressed air and electricity. Additional speed loader for extended use.

