Carton Closing | Packaging
Tools & Fasteners
Since 1896, Bostitch has been designing and manufacturing tools and fasteners for a wide variety of applications and industries.

With over 500 million fasteners made every day, Bostitch is one of the largest manufacturers of nailing & stapling tools and fasteners in the world.

We are committed to delivering a dedicated range for carton closing and packaging environments and to achieve this, we make sure that we listen to our customers’ commercial needs.

To make sure our tools match our reputation, we go to extremes to ensure that every tool bearing our name is more than capable of providing years of safe, reliable and trouble free service.

The reassurance of global leadership

BOSTITCH is part of the Stanley Black & Decker organisation, the global leader in tool manufacture across a wide range of industries.

No company on earth has a stronger or more compelling history of delivering the hardworking, innovative, powerful tools that help professionals around the world keep working.

- $11 billion value on worldwide markets
- Global recognition with an outstanding portfolio of global brands
- Recognised as among the top 10 global innovators
- No.1 for worldwide tool manufacture with outstanding quality control
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STAPLES - THE SOLUTION FOR YOUR BUSINESS

Whilst there are many different ways of sealing cartons, using staples offers some significant advantages over other methods.

As well as being incredibly quick and easy to use, staples are environmentally friendly and 100% recyclable and do not hide important carton graphics. Their resistance to both heat and humidity also provides an extremely secure seal, protecting the contents throughout the supply chain. Stapling can also be a more cost effective method over other options such as self adhesive tape.
Choose from cordless, manual or pneumatic tools...

TOOLS - TO SUIT YOUR WORKFLOW

Depending on the size of your operation and whether you need portability you can select from cordless, manual or pneumatic packaging tools as well those that use strips of staples or those collated on a roll. Our range also includes models incorporating features such as hanging ports for heavier tools, resulting in less stress and strain for operators - all important for maximum productivity.

See overleaf to help you select the right tools and staples for your business.
Getting the right tool and fastener

Bostitch Top Sealing tools are designed to offer dependable performance in light, medium or high volume packaging environments.

The range includes portable cordless and manual tools as well as pneumatically operated tools for higher volumes.

To help choose the right tool and fastener combination to satisfy your requirements, follow the selection process below.

1. **What volumes do you do and how portable does the tool need to be?**

   - **LOW**
   - **MEDIUM**
   - **HIGH**

2. **Choose the staple format best suited to your working environment**

   - **STICK**
   - **ROLL**

   **STICK** format staples are collated into sticks and tools can be loaded with up to two sticks at a time. Suitable for low and medium volumes.

   **ROLL** format staples are collated rolls of up to 5000, therefore containing many times more staples per roll than is found on a **STICK**. Tools using **ROLL** format staples will need fewer reloads, making these more appropriate for continuous production line carton closing. However, tools using **ROLL** staples tend to be heavier when loaded - it is advisable to specify these tools with suspension wires to minimise operator fatigue.

3. **What board thickness is the carton?**

   - **Single Wall**
   - **Double Wall**
   - **Triple Wall**

4. **Choose the right staple for the task**

   **STAPLE TYPES**
   There are 3 important measurements on a carton closing staple - Crown, Leg and Wire dimension. The holding power of a clinched staple is dependent on all these measurements. For convenience, Bostitch carton closing staples are divided into families and are represented by a symbol to make identification easy.

   **C**
   32mm Crown
   Wire dimension 0.9 mm x 1.9 mm
   19mm Leg Length

   **CLINCH TYPES**
   In most top sealing applications, a **standard clinch** - where the staple passes through both materials and is clinched at the surface - is required.

   However, in some instances, a **blind clinch** is preferred. In a blind clinch, a shorter staple is used and is clinched before it fully penetrates the second layer as shown above.
5. Choose the right tool and fastener combination

Remember! The wider the crown and the thicker wire, the more secure the fastening will be.

### Stick Format Tools

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<thead>
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<th>Cordless</th>
<th>MS-3219-E</th>
<th>MS-3519-E</th>
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#### Staple Family

- **32mm Crown**: 0.9mm x 1.9mm
- **35mm Crown**: 0.8mm x 2.25mm
- **35mm Crown**: 0.95mm x 1.93mm
- **35mm Crown**: 0.95mm x 2.28mm
- **35mm Crown**: 1.52mm x 2.28mm

#### Board Type / Staple Length

- **Single Wall**: 15-19mm, 15-19mm, 15-19mm
- **Double Wall**: 19mm, 19mm, 19-22mm, 19mm, 19-22mm
- **Triple Wall**: 25-38mm*

*Comes pre-fitted with clinchers for 38mm staples. Please ask for details.

### Roll Format Tools

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<tbody>
<tr>
<td>Pneumatic</td>
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</table>

#### Staple Family

- **35mm Crown**: 0.94mm x 1.88mm
- **35mm Crown**: 0.9mm x 2.25mm

#### Board Type / Staple Length

- **Single Wall**: 15-19mm, 15-19mm
- **Double Wall**: 19mm, 19mm, 19-22mm

The Bostitch range of staples offers secure and reliable fastening, time and after time.

Many of the staples in the range are fully compatible with other tools in the market. For more information, please contact Customer Services.
Cordless Top Sealer DSA Series

The battery powered DSA-3519-E and DSA-3522-E gives users true portability and includes a range of features to deliver superb performance in any location.

The tool comes complete with 2 Lithium-Ion batteries driving up to 800 staples per charge, so whether on a packaging line or out on the road you can keep working all day long.

<table>
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<tr>
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</table>

Tool features:
- 2x Li-Ion batteries with fast 45 min recharge time and up to 800 staples per charge
- Smooth base plate for faster stapling
- Quick staple length change when working on different cartons
- Secondary safety handle for safe operation
- Mounting lug for wire support, reduces user fatigue
Manual Top Sealer MS-Series

Fitted with a comfortable to use top grip and made from rugged aluminium, these manually operated tools are ideal for lower volumes of top sealing for single and double wall cartons.

Tool features:
- **Manual tool**: no air supply required & highly portable

**Board type**

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Pneumatic Top Sealer DS-Series

Built for larger volumes, these tools are pneumatically operated, providing a consistent clinch with minimal effort.

Ideal for despatch lines, they provide consistent top sealing time after time.

Tool features:
- **Pneumatic tool**: reduces fatigue in busy packing environments
- **Hand pad**: comfortable housing cover
- **Mounting lug**: for wire support, reduces user fatigue
- **Rear exhaust**: directs air away from the operator
Pneumatic Heavy Duty Top Sealer D31AD-E

The pneumatically driven D31AD-E is the largest tool in our top sealing range. It is extremely powerful and makes light work of clinching triple wall cartons or materials with a combined thickness of up to 22mm.

Tool features:
- **Pneumatic tool**: reduces fatigue in busy packing environments
- **Mounting lug**: for wire support, reduces user fatigue
- **Rear exhaust**: directs air away from the operator

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<th>Staple Type</th>
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**CARTON CLOSING TOP SEALING STICK STAPLES**
Pneumatic Top Sealer RAB-Series

Ideal for busy production environments, both the RAB Series and the D62ADC-E pneumatic tools use staples collated on rolls for minimal reloading and also feature comfortable hand pads and mounting lugs. They’re the popular choice of operators working on busy packing lines.

**Tool features:**

- **Pneumatic tool:** reduces fatigue in busy packing environments
- **Hand pad:** comfortable housing cover
- **Mounting lug:** for wire support, reduces user fatigue
- **Rear exhaust:** directs air away from the operator

*Uses rolls of 1000 staples*

---

Pneumatic Top Sealer D62ADC-E

Built for larger volumes and heavy applications where a wider wire gauge is needed, these tools are the largest ‘roll’ tools in the range.

**Tool features:**

- **Pneumatic tool:** reduces fatigue in busy packing environments
- **Hand pad:** comfortable housing cover
- **Mounting lug:** for wire support, reduces user fatigue
- **Rear exhaust:** directs air away from the operator

*Uses rolls of 1000 staples*
Foot Bottomers

Fast, efficient bottom sealing

Designed for stapling the bottom of cartons by using a fixed anvil post, these foot-operated tools are a vital part of a productive packing line. They can be used to seal the bottom of single or double-walled cartons quickly and easily.

Tool features:
- Manual tool: no power supply required

<table>
<thead>
<tr>
<th>Board Type / Staple Length</th>
<th>Single Wall</th>
<th>Double Wall</th>
</tr>
</thead>
<tbody>
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<td>15-22mm</td>
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Stick Format Tools

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<table>
<thead>
<tr>
<th>Staple Family</th>
<th>SW7037 0,95mm x 1,33mm</th>
<th>SW9038 0,95mm x 2,28mm</th>
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<tr>
<td>OR</td>
<td></td>
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</table>

[Image of Foot Bottomer tool in action]
PACKAGING PLIERS

A solution for every situation
As well as carton closing, the Bostitch range includes tools and fasteners designed for both general and specialised packaging applications, including sealing header cards, postal tubes, bags and wrapping.

Based on volumes and/or application the range includes both pneumatic and manual tools to meet the needs of all sizes of packaging environments.

Using the chart opposite, decide on the likely use and select from a manual or pneumatic plier.

PLIER TOOL SUMMARY
Each plier type has features applicable to certain applications and packaging environments:

**P6C-6 and P6C-8**
Basic stapling pliers, ideal for small, light duty applications.

**JB600**
Pneumatic plier designed for light duty, medium volume environments.

**P51-Series and ESD-450S2P**
Pneumatic pliers for higher volume carton sides, lids and heavier duty applications.

Remember! The wider the crown and the thicker wire, the more secure the fastening will be.

**HIGH POWER STAPLING.**
The unique shape of Bostitch PowerCrown staples gives you more penetration with less effort.

Available in a wide range of lengths they are ideally suited to fastening paper, card and light plastics such as end caps, carded and uncarded bag tops, trays and small boxes.
**PACKAGING**

**PLIERS**

**Plier** P6C Series

**P6C-6 and P6C-8**

Lightweight squeeze tacker with easy, top loading magazine.

**Ideal for:**
- Small carton lids
- Polythene bag sealing
- Card topped bags
- Card/padded envelopes
- General stapling

**Pneumatic Plier** JB600

Pneumatic squeeze tacker designed for repetitive fastening.

Top loading magazine for easy loading of PowerCrown staples.

**Ideal for:**
- Endcaps for tubes and packs
- Small carton lids
- Polythene bag sealing
- Card topped bags

---

**Model** | **Staple Type**
---|---
P6C-6 (6-10mm) | 10mm Crown 0.6 mm x 0.5 mm
P6C-8 (6-10mm) | 10mm Crown 1.3 mm x 0.5 mm
JB600 (6-10mm) | 10mm Crown

**Tool features:**
- Manual tool: no air supply required & highly portable
- Uses PowerCrown staples: for greater power
- Pneumatic tool: reduces fatigue in busy packing environments
- Uses PowerCrown staples: for greater power
Pneumatic Plier P51-Series

P51-10B-E and P51-5B-E

The versatile P51 Series pliers are compact and lightweight pneumatic pliers. The deep jaw depth of 150mm means that they can be used across a wide variety of applications, from carton lids and trays through to sealing end caps for postal and storage tubes.

The P51 series pliers can also be fitted with an optional C-blade attachment.

Pneumatic Plier ESD-450S2P

The ESD-450S2P pneumatic plier is the heavy duty model compared to the P51 series.

Using the much larger S2 staple, it is designed specifically for applications requiring clinching of more than 6 layers of cardboard such as end caps or spacers.

With a deeper jaw depth of 200mm it can also reach further into the material.
Hammer Tackers H30-8-E, PC2K & BHT150C

Rugged & dependable

Bostitch tackers are built with the same care and attention to detail as our heavy duty tools and are designed for versatile tacking in production environments.

Ideal for a whole range of packaging applications, these tools are the perfect workhorses for despatch bays and production lines alike.

<table>
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<td>H30-8-E</td>
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<td>PC2K</td>
<td>1.3 mm x 0.5 mm</td>
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<td>BHT150C</td>
<td>10.7 mm Crown</td>
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</table>

H30-8-E

The H30-8-E is ideal for dispatch labels and general tacking.

PC2K

Perfectly balanced with an ergonomic design, the PC2K makes light work of slam tacking jobs. Ideal for case lining and insulation.

BHT150C

Heavy duty hammer tacker that drives standard staples from 6-14mm. Includes full-rubber grip to absorb shock and protect hand.

Squeeze Tackers T6 Series

PC8000/T6 & PC8000/T6-KIT

The PC8000/T6 series is precision engineered with an easy-grip handle, steel nose plate and rugged construction to make this tool powerful yet simple to use.

Designed with an anti jam magazine for easy maintenance, it is robust enough to withstand the rigours of a production environment.

The tools shown on this page use the unique PowerCrown staple - for greater power than a conventional staple.

<table>
<thead>
<tr>
<th>Tool</th>
<th>6mm</th>
<th>8mm</th>
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</table>
Walking Stick
438S2-1-WS (19-38mm)

Specifically designed for sealing oversized folding boxes and fastening them to pallet bases, this practical tool is lightweight and easy to place. Its long handle makes it comfortable to use all day long.
The right tool & fastener for the job

To help select the right staple for your needs, these staples are shown at actual size - allowing you to compare materials or staples as a guide to selection.

Carton Closing Staples (Page 4-11)

To view the complete range of carton closing & packaging staples, please visit www.bostitch.co.uk.

<table>
<thead>
<tr>
<th>STAPLE FAMILY</th>
<th>CROWN WIDTH</th>
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Packaging Staples (Page 12-16)

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<th>STAPLE FAMILY</th>
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ESD-450S2P (Page 15) & Walking Stick Models (Page 17)
## TOOL TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
<th>Magazine Capacity</th>
<th>Vibration</th>
<th>Noise LWA 1sd</th>
<th>LPA 1s, 1m</th>
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<tbody>
<tr>
<td>DSA-3519-U</td>
<td>2.81 kg</td>
<td>108</td>
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<td>77.4 dB</td>
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<td>89 dB</td>
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<table>
<thead>
<tr>
<th>Model</th>
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<th>Vibration</th>
<th>Noise LWA 1sd</th>
<th>LPA 1s, 1m</th>
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<td>97.6 dB</td>
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</tbody>
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All tool data shown is for comparative purposes only. Full Health & Safety technical data is available on request.

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