Open your eyes and

Six decisive arguments!

2. NEAT!
Clean surfaces; clearer image

3. ECONOMICAL
Economical! Save time and material; lower costs

5. RECYCLEABLE
Everything can be recycled; less resources needed

STAPLING SYSTEM DIVISION of
ORGAPACK Strapex Group.

Josef Kihlberg AB and MEZGER
Heftsysteme GmbH form the
Stapling System Division of
ORGAPACK Strapex Group and
and together we are part of the ITW
Group (Illinois Tool Works Inc.).

MEZGER – STAPLING SYSTEM
AND CARTON
STAPLING TECHNIQUE

The MEZGER company was
founded in 1920 and is today the
leading manufacturer of stapling
tools and machines for carton
closing in Germany.
The stapling prog-
ramme is exported
to more than 50
countries. Stapling
Discover all the advantages of stapling!

1. Secure
Strong and stable boxes; secure transport in any weather.

4. Flexible
Staple types to suit board thickness; choose the ones you need.

6. Ergonomic
Correct work posture; increased profit.

With the MEZGER Stapling System means that you can pack fast, cost-effectively and simply.

The line ranges from inexpensive hand staplers for small demand to machines for completely automated processing. An own developing and construction department may also work out special purpose machines. The delivery programme also comprises more than 100 types of MG® TOP and standard staples.

Josef Kihlberg – A Strong Partner

After more than 60 years in the branch we have accumulated a great deal of experience – competence that is at your service.

In the PACKAGING section of the catalogue you will find a number of ways to close corrugated board-based packaging with staples – a rational and economic method. In the section INDUSTRY we present our standard tools for a wide range of industrial applications.

Most of our manufacturing is carried out in Sweden. We export 85% of our products, much of this through our overseas subsidiaries.
**APPLICATION**
Bottom stapling of corrugated board boxes in different thicknesses up to triple layers.

**TECHNICAL DATA**
- **Staple types:** JK561, in leg lengths 15, 18 and 22 mm. (5/8", 3/4" and 7/8"). JK561-22 staples are intended for triple layer board.
- **Working pressure (B561PN):** approx. 5 bar (72 psi)
- **Max. pressure (B561PN):** 7 bar (101 psi)
- **Air consumption per stroke (B561PN):** 2.0 litres
- **Length:** 920 mm (36.2")
- **Width:** 750 mm (29.5")
- **Height:** 1350 mm (53.1")
- **Weight:** 42 kg (92.6 lbs)
- **Stapling depth:** 400 mm (15.7")
- **Loading capacity:** 300 staples

**MODEL**
- **B561 (foot operated)**
  - **ARTICLE NO:** 120362
  - **FOR STAPLES:** JK561-15 – 22 mm (5/8" to 7/8")
- **B561PN (pneumatic)**
  - **ARTICLE NO:** 120556
  - **FOR STAPLES:** JK561-15 – 22 mm (5/8" to 7/8")

---

**APPLICATION**
Closing of special packaging, e.g. trays, lids and flat sheets.

**TECHNICAL DATA**
- **Staple types:** JK561, in leg lengths 15, 18 and 22 mm. (5/8", 3/4" and 7/8"). JK561-22 staples are intended for triple layer board.
- **Width:** 750 mm (29.5")
- **Length:** 920 mm (36.2")
- **Height:** 1350 mm (53.1")
- **Weight:** 40 kg (88.2 lbs)
- **Stapling depth:** 400 mm (15.7")
- **Loading capacity:** 300 staples

**MODEL**
- **F561 (foot operated)**
  - **ARTICLE NO:** 120370
  - **FOR STAPLES:** JK561-15 – 22 mm (5/8" to 7/8")

---

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APPLICATION
Closing of corrugated board-based packaging, such as folding boxes and cartons with complete overlap.

TECHNICAL DATA
Manual. For JK561 staples, leg length 15-18 mm (5/8" to 3/4").

- Length: 455 mm (17.9")
- Height: 320 mm (12.6")
- Weight: 1.6 kg (3.5 lbs)
- Stapling depth: 5 steps
- Loading capacity: 150 staples

MODEL | ARTICLE NO | FOR STAPLES
--- | --- | ---
c.561M | 125102 | JK561-15 – 18 mm (5/8" to 3/4")

c.561PN

APPLICATION
For fast and secure closing of transport packaging, such as folding boxes, overlap cartons, board wrappings and similar packaging.

TECHNICAL DATA
Pneumatic. For JK561 staples, leg length 15-18 mm (5/8" to 3/4"). Built-in hanger.

- Working pressure: 5-6 bar (72-87 psi)
- Max. pressure: 8 bar (116 psi)
- Air consumption per stroke at 6 bar: approx. 1 litre
- Length: 404 mm (15.9")
- Height: 205 mm (8.1")
- Weight: 1.8 kg (4 lbs)
- Stapling depth: 5 steps
- Loading capacity: 150 staples

MODEL | ARTICLE NO | FOR STAPLES
--- | --- | ---
c.561PN | 125103 | JK561-15 – 18 mm (5/8" to 3/4")
Top Staplers

**R555PN**

**JK555**

**APPLICATION**
Roll stapler with large loading capacity for closing board packaging. This tool is suitable for high speed packaging stations.

**TECHNICAL DATA**
- Working pressure: 5-6 bar (72-87 psi)
- Max. pressure: 8 bar (116 psi)
- Air consumption per stroke at 6 bar: approx. 1 litre
- Length: 235 mm (9.3"
- Height: 205 mm (8.1"
- Weight: 1.8 kg (4 lbs)
- Stapling depth: 5 steps
- Loading capacity: 100 staples

**MODEL** | **ARTICLE NO** | **FOR STAPLES**
--- | --- | ---
R555PN | 125108 | JK555-15-18 mm (5/8" to 3/4")

**R557PN**

**JK557**

**APPLICATION**
Roll stapler with large loading capacity for closing board packaging. This tool is suitable for high speed packaging stations.

**TECHNICAL DATA**
- Working pressure: 5-6 bar (72-87 psi)
- Max. pressure: 8 bar (116 psi)
- Air consumption per stroke at 6 bar: approx. 1 litre
- Length: 235 mm (9.3"
- Height: 205 mm (8.1"
- Weight: 1.8 kg (4 lbs)
- Stapling depth: 5 steps
- Loading capacity: 1 000 staples

**MODEL** | **ARTICLE NO** | **FOR STAPLES**
--- | --- | ---
R555PN | 125108 | JK555-15-18 mm (5/8" to 3/4")
R557PN | 125111 | JK557-15-18 mm (5/8" to 3/4")

**a.560PN**

**JK560**

**APPLICATION**
For strong, quick and secure closing of transport packaging where the packaging requires heavier staples.

**TECHNICAL DATA**
Pneumatic: Two tool versions; For JK560 staples, leg length 15-18 mm (5/8" to 3/4") or alternatively 22 mm (7/8") Built-in hanger.

- Working pressure: 5-6 bar (72-87 psi)
- Max. pressure: 8 bar (116 psi)
- Air consumption per stroke at 6 bar: approx. 1 litre
- Length: 404 mm (15.9"
- Height: 205 mm (8.1"
- Weight: 1.8 kg (4 lbs)
- Stapling depth: 5 steps
- Loading capacity: 100 staples

**MODEL** | **ARTICLE NO** | **FOR STAPLES**
--- | --- | ---
a.560PN | 125101 | JK560-15 – 18 mm (5/8" to 3/4")
a.560PN22 | 125105 | JK560-22 mm (7/8")
**DESCRIPTION**
For the closure of filled cartons of single and double corrugated cardboard. Blind stapling without anvil hooks, that means no damage of the goods. No additional stitching holes. With the one handed blind stapler the operator has one hand free to shape the box. Also empty boxes can be bottom stapled. Staple from inside to outside.

Depending on carton thickness specially preformed staples of two different sizes: Staples TOP SP 11 recommended for single corrugated cardboard and TOP SP 18 for double corrugated cardboard.

**APPLICATIONS:**
carton closure of single and double corrugated cardboard

**TECHNICAL DATA**
- Mechanical operation
  - Length: 360 mm
  - Width: 85 mm
  - Height: 280 mm
  - Weight: 2.4 kg
  - Loading capacity: 120 staples
  - Staples: TOP SP 11, TOP SP 18

**OTHER INFO**
TOP Blind-Staples can be loaded without adjustment from one staple size to the other.
DESCRIPTION
For the closure of filled cartons of single and double corrugated cardboard. Blind stapling without anvil hooks, that means no damage of the goods. No additional stitching holes.
With the pneumatic blind stapler the operator has one hand free to shape the box. Also empty boxes can be bottom stapled. Staple from inside to outside.

Depending on carton thickness specially preformed staples of two different sizes are available.

Staples TOP SP 11 recommended for single corrugated cardboard and TOP SP 18 for double corrugated cardboard.

APPLICATIONS
Carton closure of single and double corrugated cardboard

TECHNICAL DATA
Length.................................................................350 mm
Width....................................................................85 mm
Height...................................................................188 mm
Weight.................................................................2.9 kg
Air pressure.........................................................4 – 6 bar air pressure
Loading capacity................................................120 staples
Staples.................................................................TOP SP 11 and TOP SP 18

OTHER INFO:
TOP Blind-Staples can be loaded without adjustment from one size to the other.
JK20T779

APPLICATIONS
Stapling corrugated or solidboard packaging, bags.

TECHNICAL DATA
Robust design, low weight and good balance. The pneumatic pliers compress and staple the material simultaneously.

Working pressure: 5-6 bar (72-87 psi)
Air consumption per stroke at 6 bar: 0.3 litres

<table>
<thead>
<tr>
<th>MODEL</th>
<th>ARTICLE NO</th>
<th>FOR STAPLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>JK20T779</td>
<td>126094</td>
<td>JK779-8 – 16 mm (5/16” to 5/8”)</td>
</tr>
<tr>
<td>JK20T779L</td>
<td>126138</td>
<td>JK779-8 – 16 mm (5/16” to 5/8”)</td>
</tr>
</tbody>
</table>

JK20T777L

APPLICATIONS
Stapling corrugated board packaging. Particularly suitable for container lids and end plates, also cardboard tube lids.

TECHNICAL DATA
Light, handy pliers that will take tough treatment. The tool has a large stapling jaw and long stapling depth. Wide staples in three different lengths.

Working pressure: 5-6 bar (72-87 psi)
Air consumption per stroke at 6 bar: 0.3 litres

<table>
<thead>
<tr>
<th>MODEL</th>
<th>ARTICLE NO</th>
<th>FOR STAPLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>JK20T777L</td>
<td>126202</td>
<td>JK777-10 – 16 mm (3/8” to 5/8”)</td>
</tr>
</tbody>
</table>
**APPLICATIONS**
Suitable for closing large board packages, corrugated furniture wrap, stapling heavier cardboard, edge protection, closing ends, etc.

**TECHNICAL DATA**
The JK35T590 stapling pliers have a fixed tongue, which means that they can be rapidly moved sideways. The tool is used with a wide crown packaging staple, the JK590, in leg lengths from 19 mm to 32 mm.

Working pressure: 5-6 bar (72-87 psi)
Air consumption per stroke at 6 bar: 0.85 litres
Length: 335 mm (13.2")
Height: 220 mm (8.7")
Weight: 2.65 kg (5.8 lbs)
Loading capacity: 100 staples

**MODEL** | **ARTICLE NO** | **FOR STAPLES**
--- | --- | ---
JK35T590 | 126289 | JK590-19 – 32 mm (3/4" to 1 1/4")

**JK35-590**

**TECHNICAL DATA**
The JK35-590 is a tough and stable tool with few working parts. Good balance and low weight make the tool easy to use. With the flat and wide crowned JK590 staple, corrugated board can be given maximum compression without breaking.

Working pressure: 5-6 bar (72-87 psi)
Air consumption per stroke at 6 bar: 0.85 litres
Length: 335 mm (13.2")
Height: 195 mm (7.7")
Weight: 2.4 kg (5.3 lbs)
Loading capacity: 100 staples

**MODEL** | **ARTICLE NO** | **FOR STAPLES**
--- | --- | ---
JK35-590 | 126311 | JK590-16 – 32 mm (5/8" to 1 1/4")

**JK35 ACCESSORIES**

- **HANGER**
  ART. NR. 142093

- **CONTROL VALVE**
  ART. NR. 136068

- **TONGUE KIT**
  118 MM STAPLING DEPTH
  ART. NR. 123690
**DESCRIPTION**

Versatile mechanical industrial stapling pliers for stapling each kind of box blanks, carton trays etc. of solid or corrugated cardboard. Very strong stapling due to flat by-pass legs 10 - 16 mm. crown size 13 mm.

Hand version with 19 cm (7 1/2") clinching support.

**APPLICATIONS**

For stapling solid, single and double corrugated cardboard.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>265 mm</td>
</tr>
<tr>
<td>Width</td>
<td>35 mm</td>
</tr>
<tr>
<td>Height</td>
<td>200 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1550 g</td>
</tr>
<tr>
<td>Loading capacity</td>
<td>100 staples</td>
</tr>
<tr>
<td>Staples</td>
<td>MG® 130/10, MG® 130/12, MG® 130/16 (10, 12 + 16 mm leg length)</td>
</tr>
</tbody>
</table>

**OTHER INFO**

Stapling pliers are available also with larger clinching support: 130/2516 Hand Version with 25 cm (10") clinching support.

---

**DESCRIPTION**

Versatile pneumatic stapler for stapling each kind of box blanks, carton trays etc. of solid or corrugated cardboard. Very strong stapling due to flat by-pass legs 10 - 16 mm.

Pneumatic version with 19 cm (7 1/2") clinching support.

**APPLICATIONS**

For stapling solid, single and double corrugated cardboard.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>260 mm</td>
</tr>
<tr>
<td>Width</td>
<td>44 mm</td>
</tr>
<tr>
<td>Height</td>
<td>170 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>2050 g</td>
</tr>
<tr>
<td>Air pressure</td>
<td>4 - 6 bar over pressure</td>
</tr>
<tr>
<td>Loading capacity</td>
<td>100 staples</td>
</tr>
<tr>
<td>Staples</td>
<td>MG® 130/10, MG® 130/12, MG® 130/16 (10, 12 + 16 mm leg length)</td>
</tr>
</tbody>
</table>

**OTHER INFO**

Also available with reversed trigger as 130/1916 PU which allows stapling with the throat pointing downwards. Each tool can be adjusted with an extended magazine as 130/1916 PUX for 250 staples loading capacity.

---

**I30/1916**

**I30/1916 P**
Service and maintenance are important. The most often used wear parts for our packaging tools are grouped into spare parts kits and can be ordered using the following numbers.

<table>
<thead>
<tr>
<th>ART. NO.</th>
<th>ITEM</th>
<th>FOR MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>142000</td>
<td>Staple remover</td>
<td>Universal</td>
</tr>
<tr>
<td>142136</td>
<td>Staple remover</td>
<td>For wide crown</td>
</tr>
<tr>
<td>143053</td>
<td>Repair kit for stapling head</td>
<td>561</td>
</tr>
<tr>
<td>143109</td>
<td>O-ring kit</td>
<td>a.560PN, c.561PN</td>
</tr>
<tr>
<td>143109</td>
<td>Repair kit</td>
<td>R555</td>
</tr>
<tr>
<td>143111</td>
<td>Repair kit</td>
<td>a.560PN22</td>
</tr>
<tr>
<td>143133</td>
<td>Repair kit</td>
<td>c.561PN</td>
</tr>
<tr>
<td>143135</td>
<td>Repair kit</td>
<td>R557</td>
</tr>
<tr>
<td>143138</td>
<td>Repair kit</td>
<td>c.561M</td>
</tr>
<tr>
<td>143149</td>
<td>Repair kit</td>
<td></td>
</tr>
<tr>
<td>143124</td>
<td>O-ring kit</td>
<td>JK20T</td>
</tr>
<tr>
<td>143126</td>
<td>Repair kit</td>
<td>JK20T779</td>
</tr>
<tr>
<td>143125</td>
<td>Repair kit</td>
<td>JK20T777</td>
</tr>
<tr>
<td>143049</td>
<td>Repair kit</td>
<td>JK35, JK35T</td>
</tr>
<tr>
<td>143050</td>
<td>Repair kit</td>
<td>JK35, JK35T</td>
</tr>
<tr>
<td>733007</td>
<td>Lubricating oil spray</td>
<td></td>
</tr>
<tr>
<td>184943</td>
<td>O-ring grease</td>
<td></td>
</tr>
</tbody>
</table>

**PARTS FOR OBSOLETE TOOL**

<table>
<thead>
<tr>
<th>ART. NO.</th>
<th>ITEM</th>
<th>FOR MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>143017</td>
<td>O-ring kit</td>
<td>561PN</td>
</tr>
<tr>
<td>143018</td>
<td>Repair kit</td>
<td>561-15PN</td>
</tr>
<tr>
<td>143019</td>
<td>Repair kit</td>
<td>561-18PN</td>
</tr>
<tr>
<td>143059</td>
<td>O-ring kit</td>
<td>555PN</td>
</tr>
<tr>
<td>143060</td>
<td>Repair kit</td>
<td>555-15PN</td>
</tr>
<tr>
<td>143061</td>
<td>Repair kit</td>
<td>555-18PN</td>
</tr>
<tr>
<td>143089</td>
<td>O-ring kit</td>
<td>560PN</td>
</tr>
<tr>
<td>143093</td>
<td>Repair kit</td>
<td>560-15-18PN</td>
</tr>
<tr>
<td>143094</td>
<td>Repair kit</td>
<td>560-22PN</td>
</tr>
<tr>
<td>143091</td>
<td>Repair kit</td>
<td>560-15-18</td>
</tr>
<tr>
<td>143092</td>
<td>Repair kit</td>
<td>560-22</td>
</tr>
<tr>
<td>143056</td>
<td>O-ring kit</td>
<td>JK20T</td>
</tr>
<tr>
<td>143057</td>
<td>Repair kit</td>
<td>JK20T779</td>
</tr>
<tr>
<td>143058</td>
<td>Repair kit</td>
<td>JK20T777</td>
</tr>
</tbody>
</table>

www.kihlberg.com
Product sheets, user, repair and maintenance instructions – all in one place!

www.staplinghandbook.com
All you need to know about stapling - in one place.
**A 20 or B 36**

**ST 4/B 36** Stapling Machine with each two stapling heads above and below. Six stapling operations at the top and six on bottom on cardboard bobbins.

**SGR 3/B 36-78** Stapling Device with three linear moveable stapling heads. Stapling cardboard sleeves onto carton flaps for use as a carton pallet. Up to 32 automatic stapling operations.

**KA-8/A20-60** with eight stapling heads, four on top and four on bottom. Nailing packets of ream printing plates: Simultaneous nailing of each four staples from above and below.


**DESCRIPTIONS**
Complete pneumatic stapling and nailing unit, suitable for being mounted in any special-purpose machine, because it can work in any position. Can be delivered in left or right version.

**Stapling Head A 20** for staples with 20 mm crown, 1.5 mm wire thickness, up to 6.000/coil

**Alternatively:**
**Stapling Head B 36** for staples with 36 mm crown, 2 mm wire thickness, up to 4.000/coil. Different leg lengths available.

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Max.feed travel 40 mm</th>
<th>Max.feed travel 80 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>328 mm</td>
<td>368 mm</td>
</tr>
<tr>
<td>Length with staple coil</td>
<td>272 mm</td>
<td>272 mm</td>
</tr>
<tr>
<td>Width</td>
<td>108 mm</td>
<td>108 mm</td>
</tr>
<tr>
<td>Weight without staple coil</td>
<td>7.34 kg</td>
<td>7.72 kg</td>
</tr>
<tr>
<td>Air pressure</td>
<td>4-6 bar</td>
<td>4-6 bar</td>
</tr>
<tr>
<td>Air consumption/staple 6 bar</td>
<td>4.6 ltr.</td>
<td>6.0 ltr.</td>
</tr>
<tr>
<td>Loading capacity max.</td>
<td>4000 to 6000</td>
<td></td>
</tr>
</tbody>
</table>

**APPLICATIONS**
For stapling of cardboard of any kind as well as for nailing of the same on wood or similar material. Stapling heads are used in all kind of custom designed stapling machines as well as devices.

**OTHER INFO**
In order to determine the right stapling head and the right type of coiled staple it is necessary to receive samples of the material to be nailed or stapled.
Stapling Heads for Coiled Staples

DESCRIPTION
Complete pneumatic stapling and nailing unit, suitable for being mounted in any special-purpose machine, because it can work in any position. For stapling of cardboard of any kind as well as for nailing of the same on wood or similar material. Staples onto a clinching anvil.
Can be delivered in left or right version.

C 13 or D 13

<table>
<thead>
<tr>
<th>Stapling Head</th>
<th>C 13</th>
<th>C 13/80</th>
<th>D 13</th>
<th>D 13/80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Datas</td>
<td>Max. feed travel 25 mm</td>
<td>Max. feed travel 80 mm</td>
<td>Max. feed travel 25 mm</td>
<td>Max. feed travel 80 mm</td>
</tr>
<tr>
<td>Height</td>
<td>298 mm</td>
<td>353 mm</td>
<td>286 mm</td>
<td>341 mm</td>
</tr>
<tr>
<td>Length with staple coil</td>
<td>215 mm</td>
<td>215 mm</td>
<td>215 mm</td>
<td>215 mm</td>
</tr>
<tr>
<td>Width</td>
<td>75 mm</td>
<td>75 mm</td>
<td>75 mm</td>
<td>75 mm</td>
</tr>
<tr>
<td>Weight without staple coil</td>
<td>5.2 kg</td>
<td>5.5 kg</td>
<td>5.2 kg</td>
<td>5.5 kg</td>
</tr>
<tr>
<td>Air pressure</td>
<td>4-6 bar</td>
<td>4-6 bar</td>
<td>4-6 bar</td>
<td>4-6 bar</td>
</tr>
<tr>
<td>Air consumption/staple (9 bar)</td>
<td>2.3 ltr.</td>
<td>3.5 ltr.</td>
<td>2.3 ltr.</td>
<td>3.5 ltr.</td>
</tr>
<tr>
<td>Coiled staple</td>
<td>M C 26 to 42</td>
<td>M C 26 to 42</td>
<td>M D 26</td>
<td>M D 26</td>
</tr>
<tr>
<td>Staples per coil max.</td>
<td>5000</td>
<td>5000</td>
<td>7500</td>
<td>7500</td>
</tr>
<tr>
<td>Crown size: 13mm/wire</td>
<td>1 x 0.75</td>
<td>1 x 0.75</td>
<td>0.6 x 0.48</td>
<td>0.6 x 0.48</td>
</tr>
<tr>
<td>Leg length in mm</td>
<td>7.5 - 16</td>
<td>7.5 - 16</td>
<td>7.5</td>
<td>7.5</td>
</tr>
</tbody>
</table>

APPLICATIONS
Stapling of cardboard, paper, plastics, leather, upholstery etc. or for nailing these materials to wood, pressboard, plastics etc.

OTHER INFO
In order to determine the right stapling head and the right type of coiled staple it is necessary to receive samples of the material to be nailed or stapled.

Labelling station: One or two stapling heads nailing labels onto the pallet base.

Nailing station with stapling heads C 13-30/80. Foils or carton are nailed fully automatically onto wooden pallets. The feed travel up to 80 mm compensates different pallet heights. The staple is pressed into the material which avoids any damage like cutting through the film or cardboard.

SHM/C 13/4X/TR Stapling machine with four stapling heads C 13 for fastening slide lids into cardboard or plastic tubes. Four stapling operation simultaneously.
**DESCRIPTION**

For coiled staples with 24 mm (22 or 26) crown size and 2 mm wire thickness. Complete pneumatic stapling unit for blind stapling of filled cartons of single or double corrugated cardboard.

This stapling head is also suitable for being mounted in any special-purpose machine, because it can work in any position. Can be delivered in left and right version. Different leg lengths available.

<table>
<thead>
<tr>
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<th>Max. feed travel 40 mm</th>
<th>Max. feed travel 80 mm</th>
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<td>Length with staple coil</td>
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<tr>
<td>Width</td>
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<tr>
<td>Weight without staple coil</td>
<td>7.1 kg</td>
<td>7.8 kg</td>
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<td>Air pressure</td>
<td>4-6 bar</td>
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<td>Air consumption/staple 6 bar)</td>
<td>5 ltr.</td>
<td>6.4 ltr.</td>
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<tr>
<td>Loading capacity max.</td>
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</tr>
<tr>
<td>Staples</td>
<td>TOP E 60</td>
<td>TOP E 60</td>
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</table>

**APPLICATIONS**

For blind stapling of filled cartons of single or double corrugated cardboard.

**OTHER INFO**

In order to determine the right stapling head and the right type of coiled staple it is necessary to receive samples of the corrugated cardboard which has to be blind-stapled.


**SHM E 24/4 SO** Automatic Stapling Machine with four stapling heads. For closing the lids of telescopic type boxes with four staples simultaneously. Output: 480 – 550 boxes/hour.
SGR 1

DESCRIPTION
Model SGR (QE/C13). Free standing support made of square aluminium profile with one stapling head for coiled staples and one stapling arm.

APPLICATIONS
For stapling flat carton blanks to telescopic type boxes, carton trays, insert lids, plastic or rubber components, etc.

TECHNICAL DATA
- Length: 595 mm
- Width: 700 mm
- Height: 1655 mm
- Weight: approx. 37 kg
- Air pressure: 4 – 6 bar overpressure
- Working level: height of anvil 1200 mm (= 48”)
- Stapling depth: 439 mm (= 17”)
- Air pressure: 4 - 6 bars
- Release of stapling: by foot valve
- Varnish: silver grey
- Accessories: pneumatic maintenance unit

Loading capacity: Max. 6000 staples depending of stapling head A 20, B 36 or C 13.

Available Stapling heads:
- A 20 with staple MG A (crown size 20mm)
- B 36 with staples MG B (crown size 36 mm)
- C 13 with staples M C (crown size 13 mm)

Different leg length available.

OTHER INFO
In order to determine the right stapling head for coiled staples it is necessary to receive samples of the material to be stapled.
**DESCRIPTION**

Model SGR 2 (QE/B 36). Free standing support made of square aluminium profile with two stapling head for coiled staples and one stapling arm. One left and one right stapling head version. Stapling distance will be adjustable and in accordance to your carton size.

– QE = cross stapling

**APPLICATIONS**

For stapling flat carton blanks to telescopic type boxes, carton trays, insert lids, plastic or rubber components. etc.

**TECHNICAL DATA**

Length ............................................................................ 595 mm
Width ............................................................................. 1500 mm
Height ........................................................................... 1655 mm
Weight ...................................................................... approx. 80 kg
Air pressure ........................................... 4 – 6 bar overpressure
Working level ...................... height of anvil 1200 mm (= 48")
Stapling depth .............................................. 439 mm (= 17")
Air pressure ........................................... 4 - 6 bars
Release of stapling ........................................ two hand-release
Varnish ......................................................... silver grey
Accessories ............................................. pneumatic maintenance unit
Minimum staple clearance .......... 120 mm
Maximal staple clearance ................. 800 mm adjustable

Loading capacity: Max. 6000 staples depending of which stapling head is used (A 20, B 36 or C 13).

Staples: MG® A with 20 mm crown size, MG® B with 36 mm crown size or M C 30 with 13 mm crown size. (Different leg lengths available.)

Stapling heads can be mounted longitudinal: SGR LE B 36.

Minimum staple clearance: 600 mm
Maximal staple clearance: 800 mm (or more on request)

**OTHER INFO**

In order to determine the right stapling head for coiled staples it is necessary to receive samples of the material to be stapled.
DESCRIPTION
Pneumatic table-top stapler TH 210/2 for stapling paper packs or thin paste-board (cardboard headers, blister packs) onto polythene bags. Staples up to 40 paper sheets 80 gsm. Basic tool equipped with two staplers. Automatic staple triggering at the touch of a contact. Available for one up to five stapling units.
Beginning with the second pneumatic staple unit each additional staple unit can be switched off separately by a manual slide valve.

TECHNICAL DATA
Length: 270 mm
Width: 285 mm
Height: 220 mm
Weight: 5.2 kg (TH 210/2)
Air pressure: 4-6 bars overpressure
Leg length: 6 + 8 mm
Staple clearance: 45 - 200 mm
Throat depth: Adjustable stapling depth max. 80 mm
Counter: Manometer, water separator
Loading capacity: 210 staples in each stapling unit

Staple: 66/6 (leg =1/4") + 66/8 (leg 5/16") zinc galvanized, crown size 12.8 mm (8/16")

APPLICATIONS
For stapling paper packs or thin paste-board (cardboard headers, blister packs) onto polythene bags.

OTHER INFO
Table top staplers can be delivered in various executions with the option to upgrade them with further stapling units. Picture shows TH 210/3 with three stapling units and TH 210/5 with five stapling units.

Instead of the contact switch the stapling can be triggered optionally by a pedal valve.
DESCRIPTION
This fully automatic stapling machine forms and staples box blanks of solid and corrugated cardboard into trays of Demi-size and EURO size dimensions:

- Fully automatic feeding of box blanks directly from the blank pallet.
- Equipped with four stapling heads for coiled staples B 36-60. Two left and two right stapling heads B 36-60. Each stapling head holds 4,000 coiled staples MG® B 60.
- Equipped with centring unit, flaps equalizers as well as pressing bars to guarantee exact and equal forming of the trays.
- Equipped with a Staple Control Feature. Warning by flash light, machine stops to indicate if any staple has failed to be stapled.
- Equipped with a complete ejection device with optionally two possibilities of ejection:
  a) continuous ejection
  b) ejection on stop

APPLICATIONS
box blanks of solid and corrugated cardboard will be formed and stapled into trays of Demi-size and EURO-size dimensions.

TECHNICAL DATA
Computer aided control: Siemens SPS S 7
Output: 3 - 4 trays per minute with Lift and 8 - 10 trays/minute with lifting table

The carton blanks can be placed directly in the lifting device by fork-lift truck.

SHA 81/LIFT with reversing system turns on demand bottom tray to a lid and is pushing tray to a centring table from where it can be lifted off

The centring table provides that the trays – bottoms or lids – can be sucked off or alternatively pushed over with an auxiliary ejection device

Single and double stapling from 120 mm trays height possible.
More efficient pro

TOOLS FOR EFFICIENCY, ERGONOMICS AND ECONOMY

Time is money – seldom is this saying so clearly apparent as in work where the same operation is repeated time and time again. Every second saved in a repetitive task often results in improved productivity and economy when you evaluate your project.
We develop our tools to give you better profitability. Correct ergonomic design makes the task easier, while also preventing industrial injury. High quality tools reduce down time. Our well thought out service logistics ensure minimal repair times.

THE RIGHT TOOL FOR EVERY TASK
We have the right tools—also when it comes to stapling in the furniture, carpentry and wood products industries. All the tools in our standard range have been developed through a dialogue with our customers. All our tools are designed and manufactured with the aim of performing tasks with the maximum productivity, the highest quality and the best profit.
**APPLICATIONS**

For furniture upholstery covering, stapling of fibreboard, cardboard, plastics, mouldings, etc.

**TOOL SPECIFICATIONS**

A light, durable and powerful tacker. Featuring express loading, it has low air consumption and is equipped with a silencer.

**JK20-680**

- **Operating pressure**: 5-6 bar (72-87 psi)
- **Air consumption per stroke at 6 bar**: 0.2 litres
- **Length**: 230 mm (9"
- **Height**: 150 mm (5.9"
- **Weight**: 1 kg (2.2 lbs)

**MODEL** | **ART. NO.** | **STAPLE TYPE AND RANGE**
--- | --- | ---
JK20-680 | 126034 | JK680-6 to 14 mm (1/4" to 9/16"

**JK20-680FN**

- **Operating pressure**: 5-6 bar (72-87 psi)
- **Air consumption per stroke at 6 bar**: 0.2 litres
- **Length**: 230 mm (9"
- **Height**: 203 mm (8"
- **Weight**: 1.1 kg (2.4 lbs)

**MODEL** | **ART. NO.** | **STAPLE TYPE AND RANGE**
--- | --- | ---
JK20-680FN | 126141 | JK680-6 to 14 mm (1/4" to 9/16"

**JK10**

- **Applications**: For various upholstery work, stapling of cardboard, plastic etc.
- **Tool Specifications**: Anatomically designed tool. It offers high operating reliability, a minimum of maintenance and is robust. It has a long nose design and the magazine is loaded from underneath.

**JK10-670**

- **Operating pressure**: 4.5 - 6 bar (65-85 psi)
- **Air consumption per stroke at 6 bar**: 0.33 litres
- **Length**: 230 mm (9"
- **Height**: 145 mm (5.7"
- **Weight**: 1 kg (2.2 lbs)

**MODEL** | **ART. NO.** | **STAPLE TYPE AND RANGE**
--- | --- | ---
JK10-670 | 126365 | JK670-6 to 12 mm (1/4" to 1/2"

**JK10-680**

- **Operating pressure**: 4.5 - 6 bar (65-85 psi)
- **Air consumption per stroke at 6 bar**: 0.33 litres
- **Length**: 230 mm (9"
- **Height**: 150 mm (5.9"
- **Weight**: 1 kg (2.2 lbs)

**MODEL** | **ART. NO.** | **STAPLE TYPE AND RANGE**
--- | --- | ---
JK10-680 | 126366 | JK680-6 to 14 mm (1/4" to 9/16"

www.kihlberg.com
APPLICATIONS
Furniture and upholstery, interior panelling, cabinet backs, vehicle panelling, trim work, and applications requiring high productivity.

TOOL SPECIFICATIONS
Features unique automatic operation, which was integrated in the design from the initial development stage. The tacker’s repeat speed is very high, over 1700 strokes per minute. Automatic operation can be switched off by pressing a button, which makes it possible to alternate between single shots and repeated firing. For best efficiency the tool should be equipped with double-length magazine.

JK20A670L / JK20A680L
Operating pressure......................................5-6 bar (70-85 psi)
Air consumption per stroke at 6 bar..............................0.2 litres
Length..................................................................365 mm (14.4”)
Height..................................................................150 mm (5.9”)
Weight.................................................................1.2 kg (2.6 lbs)

JK20A680
Operating pressure......................................5-6 bar (70-85 psi)
Air consumption per stroke at 6 bar..............................0.2 litres
Length..................................................................230 mm (9”)
Height..................................................................150 mm (5.9”)
Weight.................................................................1 kg (2.2 lbs)

MODEL    ART. NO.    STAPLE TYPE AND RANGE
JK20A670L 126033    JK670-6 to 12 mm (1/4” to 1/2”)
JK20A680 126036    JK680-6 to 14 mm (1/4” to 9/16”)
JK20A680L 126037    JK680-6 to 14 mm (1/4” to 9/16”)

ADJUSTABLE GUIDE
ART. NO. 135136

TOUCH TRIP
ART. NO. 134156

REMOTE CONTROL KIT
JK20 ART. NO. 136068
JK20A ART. NO. 136076

HANGER
ART. NO. 142079

www.kihlberg.com
APPLICATIONS
The JK20V779L is suitable for stapling of sisal and other pads in mattress and bed base manufacture, but also for other applications such as packaging displays.

TOOL SPECIFICATIONS
Rugged design, lightweight and well-balanced body. Easy and quick loading. Built-in silencer.

Operating pressure...............................5-6 bar (72-87 psi)
Air consumption per stroke at 6 bar...........................0.3 litres
Length.........................................................370 mm (14 1/2")
Height.........................................................305 mm (12")
Weight.........................................................2.3 kg (5.1 lbs)
Throat depth..............................................140 mm (5.5")

MODEL        ART. NO.          STAPLE TYPE AND RANGE
JK20V779L    126152          JK779-8 to 16 mm (5/16" to 5/8")
**APPLICATIONS**
Joinery and furniture industry, e.g. nailing of boards to cupboard and shelf backs. Joining different wood and sheet materials. Manufacture of kitchen cupboards, caravan furnishing, storage shelving, etc.

**TOOL SPECIFICATIONS**
Ergonomically skewed handle with insulated grip. Lightweight tool. Adjustable control of exhaust air. Visual contents window in magazine. Easy to clean, with magazine loaded from underneath. Adjustable depth setting.

<table>
<thead>
<tr>
<th>Length</th>
<th>247 mm (9.7”)</th>
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</thead>
<tbody>
<tr>
<td>Height</td>
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<tr>
<td>Weight</td>
<td>1.4 kg (3.1 lbs)</td>
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<tr>
<td>Magazine capacity JK30-664</td>
<td>104 staples</td>
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<tr>
<td>Magazine capacity JK30-782</td>
<td>78 staples</td>
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<td>Recommended working pressure</td>
<td>5-7 bar (72 - 101 psi)</td>
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<td>Max. working pressure</td>
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<td>Air consumption per firing at 6 bar (87 psi)</td>
<td>0.5 litres</td>
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**MODEL** | **ART. NO.** | **STAPLE TYPE AND RANGE**
--- | --- | ---
JK30-664 | 126362 | JK664-25 to 30 mm (1” to 1 1/8”)
JK30-781 | 126363 | JK781-20 to 32 mm (13/16” to 1 1/4”)
JK30-782 | 126364 | JK782-19 to 32 mm (3/4” to 1 1/4”)

**ADJUSTABLE GUIDE**
ART. NO. 135161

**HANGER**
ART. NO. 142142

www.kihlberg.com
**APPLICATIONS**
Case goods, pallets, boxes.

**TOOL SPECIFICATIONS**
A powerful, reliable tool for heavy-duty stapling. Easy to service with few moving parts. Uses 16-gauge wide crown staples.

- Operating pressure: 6-8 bar (87-110 psi)
- Air consumption per stroke at 6 bar: 1.15 litres
- Length: 385 mm (15.2”)
- Height: 245 mm (9.6”)
- Weight: 2.9 kg (6.4 lbs)

**MODEL** | **ART. NO.** | **STAPLE TYPE AND RANGE**
--- | --- | ---
JK41-784 | 033510 | JK784-16 to 25 mm

**APPLICATIONS**
Furniture framework manufacturing, wooden frames, manufacturing in chip-board or plasterboard, assembly of pallets and other wooden packaging.

**TOOL SPECIFICATIONS**
A light, recoilless and fast-acting tool with very large capacity, using 16-gauge staples. It is capable of driving 2” staples into hardwood. It features a high-speed piston, quick loading and an efficient jam-clearing facility. The ability to operate without losing power at low air pressure makes the JK45 an excellent energy-saver.

- Operating pressure: 5-7 bar (72-100 psi)
- Air consumption per stroke at 6 bar: 1.2 litres
- Length: 345 mm (13.6”)
- Height: 282 mm (11.1”)
- Weight: 2.4 kg (5.3 lbs)

**MODEL** | **ART. NO.** | **STAPLE TYPE AND RANGE**
--- | --- | ---
JK45-783 | 126305 | JK783-25 to 51 mm (1” to 2”)
JK45-783S | 126315 | JK783-25 to 51 mm (1” to 2”)

ACCESSORIES:
- SLOW-ACTING VALVE FOR PRECISION STAPLING (RV) ART.NO. 136666
- TRIGGER, SINGLE-SHOT FIRING (SQ) ART.NO. 133171

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Service and maintenance are important. The parts most often subject to wear are grouped together in spare parts kits, complete with instructions. Spare parts kits for most tool models in our industrial range can be ordered using the following numbers:

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<th>FOR TOOL MODEL</th>
<th>ART. NO.</th>
<th>DESIGNATION</th>
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<td>143154</td>
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FOR OBSOLESCENT TOOLS

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Product sheets, user, repair and maintenance instructions – all in one place!

www.staplinghandbook.com
All you need to know about stapling - in one place.