HAND TOOLS FOR PLASTIC STRAPPING
**ORGAPACK solutions**

**Hand tools**

for different applications

<table>
<thead>
<tr>
<th>Plastic strap</th>
<th>Packages</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Light</td>
</tr>
</tbody>
</table>

### With friction-weld seal

- **OR-T 400**
  - Tensioning and sealing with battery power
  - PP 19 mm
  - PET 16–19 mm

- **OR-T 250**
  - PP, PET 12–16 mm

- **OR-T 120**
  - PP, PET 9/11–13 mm

- **OR-T 50**
  - PP, PET 9–19 mm

### Sealing with seal

- **OR 4000**
  - PP, PET 13–16 mm

### Tensioners / sealers

- **PP, PET 10–19 mm**
- **Cord 10–50 mm**
OR-T 120, OR-T 250, OR-T 400
A quantum leap in strapping with battery-powered hand tools

Easy
Fast
Safe
Economic
Environmentally-friendly

Developed and manufactured in Switzerland
OR-T 250  Universal applications
OR-T 400  Heavy applications

Easy
- Depending on application, adjustable operation mode
- Fully automatic
- Semi-automatic
- Manual
- Soft

Fast
Regardless of package, size, vertical or horizontal strapping:
- Fully or semi-automatic tensioning, welding, and strap cutting – with only one push of a button

Safe
For multiple strapping or for the same types of goods:
- Consistent strappings
- Automatic strapping eliminates operator error

Environmentally-friendly
Latest brushless motor engineering with the latest environmentally-friendly battery technology from Bosch:
- High efficiency ratio
- No memory effect
- Recharging at any time
- High number of strappings per charge

Economic
- Energy-efficient strapping system
- More cycles per battery charge
- Cost efficient
- Service-friendly design
- High quality
OR-T 120  Light applications
OR-T 50  Low cost alternative for light to medium-heavy applications

Model OR-T 50

The low cost alternative to
• Tools with automatic seal feed
• Tensioner/sealer combination with metal seals
• Steel strapping applications (convert to PET strap)

For light to medium-heavy applications

Manual tensioning, battery-powered sealing

Easy to set the strap tension and welding time

The battery charge level is displayed

Robust, for applications under aggressive conditions

Simple manual tensioning up to 2300 N

Model OR-T 120

For light goods

Tensioning and sealing with battery power

When fast strapping with low tension is required

Tensioning force up to 1200 N
Suspension bow for static locations

Protection plate for harsh use in industrial environment

Protection cover for touchpanel for harsh use in industrial environment

Power supply instead of battery, for static locations

Technical data

<table>
<thead>
<tr>
<th></th>
<th>OR-T 400</th>
<th>OR-T 250</th>
<th>OR-T 120</th>
<th>OR-T 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (including battery)</td>
<td>4.2 kg (9.3 lbs)</td>
<td>3.9 kg (8.6 lbs)</td>
<td>3.4 kg (7.5 lbs)</td>
<td>4 kg (8.8 lbs)</td>
</tr>
<tr>
<td>Dimensions Length</td>
<td>334 mm (13.1”)</td>
<td>334 mm (13.1”)</td>
<td>320 mm (12.6”)</td>
<td>400 mm (15.7”)</td>
</tr>
<tr>
<td>Width</td>
<td>138 mm (5.4&quot;)</td>
<td>138 mm (5.4&quot;)</td>
<td>138 mm (5.4&quot;)</td>
<td>130 mm (5.1&quot;)</td>
</tr>
<tr>
<td>Height</td>
<td>148 mm (5.8&quot;)</td>
<td>148 mm (5.8&quot;)</td>
<td>148 mm (5.8&quot;)</td>
<td>200 mm (7.9&quot;)</td>
</tr>
<tr>
<td>Tensioning (press button)</td>
<td>Electrically</td>
<td>Electrically</td>
<td>Electrically</td>
<td>Manually with lever</td>
</tr>
</tbody>
</table>

Battery

- No of straps with one battery: 180–300, 200–400, 200–300, up to 200
- Voltage: 100–230 V, 100–150 V, 100, 110, 230 V
- Battery charger: 100–230 V, 100–150 V, 100, 110, 230 V
- Battery: 18 V, 2.6Ah, 14.4 V, 2.6Ah, 14.4 V, 1.3Ah, 12 V, 1.5Ah
- Li-Ion (Bosch), Li-Ion (Bosch), Li-Ion (Bosch), NiCd (Bosch)
- Battery charging time, approx. min.: 15–30*, 15–30*, 20–45*, 60

Plastic strap

Strap width adjustable

- Polypropylene (PP): 16–19 mm (5/8–3/4")
- Polyester (PET): 16–19 mm (5/8–3/4")
- Option: 9–11 mm (3/8–7/16")
- Strap thickness: 0.8–1.3 mm (.031–.051")

Options

- Suspension bow • • • •
- Protection plate • • • •
- Protection cover for touchpanel • • • •
- Power supply 230 V • •
- 115 V • •

* After 15 minutes, approx. 75% charge capacity
### Tensioners / sealers

#### Economical

Sealing with metal seals

---

**Versatile flat based tensioner**

For polypropylene, polyester and cord straps

<table>
<thead>
<tr>
<th>Model</th>
<th>Strap type</th>
<th>Strap with</th>
<th>Strap thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORS 1100.19</td>
<td>PP, PET</td>
<td>10–19</td>
<td>0.6–1.5</td>
<td>1.2 (2.65)</td>
</tr>
<tr>
<td>ORS 1300.19</td>
<td>PP, Cord</td>
<td>10–19</td>
<td>0.4–1.2</td>
<td>1.2 (2.65)</td>
</tr>
<tr>
<td>ORS 1400.19*</td>
<td>PP, Cord</td>
<td>10–19</td>
<td>0.4–1.2</td>
<td>1.2 (2.65)</td>
</tr>
<tr>
<td>ORS 1400.25*</td>
<td>Cord</td>
<td>10–25</td>
<td>0.8–1.2</td>
<td>1.3 (2.87)</td>
</tr>
</tbody>
</table>

* With cut-away base plate

---

**Flat based tensioner for heavy-duty packages and for securing loads**

For cord straps up to 50 mm (2") wide

<table>
<thead>
<tr>
<th>Model</th>
<th>Strap type</th>
<th>Strap with</th>
<th>Strap thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORS 1300.40</td>
<td>Cord</td>
<td>Up to 40</td>
<td>0.6–1.5</td>
<td>2.5 (5.50)</td>
</tr>
<tr>
<td>ORS 1300.50*</td>
<td>Cord</td>
<td>Up to 50</td>
<td>0.6–1.5</td>
<td>2.6 (5.50)</td>
</tr>
</tbody>
</table>

* Also available without built-in strap cutter

---

**Sealers for polyester straps**

High efficiency flat joint, with serrated seals

<table>
<thead>
<tr>
<th>Model</th>
<th>Length of handle</th>
<th>Strap width</th>
<th>Strap thickness</th>
<th>Seal type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORZ 3200.13</td>
<td>465 (18.3)</td>
<td>13 (½”)</td>
<td>0.4–0.7</td>
<td>ORP 2100.13</td>
</tr>
<tr>
<td>ORZ 3200.16</td>
<td>465 (18.3)</td>
<td>16 (5/8”)</td>
<td>0.4–0.7</td>
<td>ORP 2300.16</td>
</tr>
<tr>
<td>ORZ 3210.16</td>
<td>465 (18.3)</td>
<td>16 (5/8”)</td>
<td>0.7–1.0</td>
<td>ORP 2300.16</td>
</tr>
</tbody>
</table>

---

**Sealers for polypropylene straps**

High efficiency corrugated joint, plain type seal

<table>
<thead>
<tr>
<th>Model</th>
<th>Length of handles</th>
<th>Strap width</th>
<th>Strap thickness</th>
<th>Seal type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORZ 3300.10/13</td>
<td>350 (13.8)</td>
<td>10/13</td>
<td>0.4–0.6</td>
<td>ORP 2600.13</td>
</tr>
<tr>
<td>ORZ 3400.16</td>
<td>465 (18.3)</td>
<td>16 (5/8”)</td>
<td>0.4–0.6</td>
<td>–</td>
</tr>
<tr>
<td>ORZ 3410.13/16/19</td>
<td>465 (18.3)</td>
<td>13/16/19</td>
<td>0.7–1.0</td>
<td>ORP 2600.13</td>
</tr>
</tbody>
</table>

---

**Single-lever combination tool**

<table>
<thead>
<tr>
<th>Model</th>
<th>Strap type</th>
<th>Strap with</th>
<th>Strap thickness</th>
<th>Weight</th>
<th>Seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR 4000.13</td>
<td>PP, PET</td>
<td>13 (½”)</td>
<td>0.4–0.7</td>
<td>2.3 (5.1)</td>
<td>ORP 2100.13</td>
</tr>
<tr>
<td>OR 4000.16</td>
<td>PP, PET</td>
<td>16 (5/8”)</td>
<td>0.5–1.0</td>
<td>3.4 (7.5)</td>
<td>ORP 2300.16</td>
</tr>
</tbody>
</table>
Also available
Coil holders for plastic strap
Hand tools for steel strapping, automatic installations

Seals for plastic strapping

<table>
<thead>
<tr>
<th>Model</th>
<th>Strap coil</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inside Ø</td>
</tr>
<tr>
<td>OR-A 627</td>
<td>200 mm (7.9&quot;)</td>
</tr>
<tr>
<td>OR-A 628</td>
<td>280 mm (11&quot;)</td>
</tr>
<tr>
<td>OR-A 629</td>
<td>405 mm (16&quot;)</td>
</tr>
</tbody>
</table>

Seals ORP 2100/2300
With serrated inner surface, for polyester and polypropylene straps

Seals ORP 2600
Plain snap-on type, for polypropylene straps

Coil holders
(trolley type)
Robust and stable steel tube frame with large rubber wheels, tool and seal tray, coil brake

Hand tools
for steel strapping
For flat and round packages, tensioning and sealing manually or pneumatically

Fully automatic installations
for plastic or steel strapping
From the same partner: development, manufacture, assembly, commissioning

Seals ORP 2100/2300
Seals ORP 2600
ORGAPACK GmbH
Packaging Technology
01.13 Subject to modification
Silberstrasse 14
CH-8953 Dietikon
Phone +41 44 745 50 50
Fax +41 44 745 52 16
pt@orgapack.com
www.orgapack.com
Certificate ISO 9001 / EN 29001