Battery operated hydraulic cutting tools, druseidt-system with exchangeable tool heads
for cutting copper-, aluminum- and ACSR cables

Druseidt’s battery operated cutting tools with electro-hydraulic drive offer an excellent solution for mobile applications as well as working in cramped places. The listed cutting heads are exchangeable and can be also substituted through crimping heads quick and easily. The full system description with all deliverable tool heads and accessories are specified on catalogue pages 174-177.

This new tool generation is characterized by a modern process and control technology combined and equipped with Li-Ion batteries and an USB-interface to connect them with all popular PC-systems. So a maximum of performance, safety and controlling is guaranteed.

<table>
<thead>
<tr>
<th>Part-No.</th>
<th>scope of supply</th>
<th>technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>14240</td>
<td>1 standard set consisting out of:</td>
<td>Cutting force: 60 kN</td>
</tr>
<tr>
<td></td>
<td>1 piece battery operated basic unit 60 kN without cutting heads</td>
<td>Operating pressure: 700 bar</td>
</tr>
<tr>
<td></td>
<td>1 piece Li-Ion battery</td>
<td>Cutting head turnable: 360°</td>
</tr>
<tr>
<td></td>
<td>1 piece battery charger</td>
<td>Li-Ion battery: 14.4 V/2,6 Ah</td>
</tr>
<tr>
<td></td>
<td>1 piece analysis software</td>
<td>Time of loading: ca. 45 minutes</td>
</tr>
<tr>
<td></td>
<td>1 piece USB connecting lead</td>
<td>Battery charger: 230 V/50 Hz with 2 m connecting lead</td>
</tr>
<tr>
<td></td>
<td>1 piece cutting head for copper- and aluminium cables up to 65 mm²</td>
<td>Weight in dependence of the used cutting head: 6.0-7.5 kg</td>
</tr>
<tr>
<td>14244</td>
<td>1 piece cutting head for ACSR-cables up to 45 mm²</td>
<td></td>
</tr>
<tr>
<td>14245</td>
<td>1 piece steel carrying case</td>
<td></td>
</tr>
<tr>
<td>12748</td>
<td>1 standard set consisting out of:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 piece battery operated basic unit 100 kN without cutting heads</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 piece Li-Ion battery</td>
<td></td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>1 piece USB connecting lead</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 piece cutting head for copper- and aluminium cables up to 54 mm²</td>
<td></td>
</tr>
<tr>
<td>12749</td>
<td>1 piece steel carrying case</td>
<td></td>
</tr>
<tr>
<td>13553</td>
<td>1 piece spare rechargeable Li-Ion battery</td>
<td></td>
</tr>
<tr>
<td>13554</td>
<td>1 piece additional battery charger</td>
<td></td>
</tr>
<tr>
<td>13555</td>
<td>1 piece 230 V mains adapter</td>
<td></td>
</tr>
<tr>
<td>13538</td>
<td>1 piece harness</td>
<td></td>
</tr>
</tbody>
</table>

Accessories

13553 1 piece spare rechargeable Li-Ion battery
13554 1 piece additional battery charger
13555 1 piece 230 V mains adapter
13538 1 piece harness
Battery operated hydraulic cutting tools
for copper- and aluminium cables

Similar to the description on page 138, but with fixed instead of exchangeable cutting heads. Electronic control and inspection of the cutting cycle. Suitable for cutting copper- and aluminium cables up to a diameter of 50 mm resp. 85 mm. Not applicable for cutting of steel-wires, cables with steel-inserts or solid conductors.

<table>
<thead>
<tr>
<th>Part-No.</th>
<th>scope of supply</th>
<th>technical data</th>
</tr>
</thead>
</table>
| 13534    | 1 standard set with cutting-O up to 50 mm consisting out of:  
1 piece cutting tool  
1 piece Li-ion battery  
1 piece battery charger  
1 piece analysis software  
1 piece USB connecting lead  
1 piece steel carrying case | Cutting force: 60 kN  
Cutting-O: 50 mm max.  
Operating pressure: 700 bar  
Weight: 5.6 kg  
Li-ion battery: 14.4 V/2.6 Ah  
Time of loading: ca. 45 minutes  
Battery charger: 230 V/50 Hz with 2 m connecting lead  
With collapsible 360° rotating cutting head |
| 13535    | 1 standard set with cutting-O up to 85 mm consisting out of:  
1 piece cutting tool  
1 piece Li-ion battery  
1 piece battery charger  
1 piece analysis software  
1 piece USB connecting load  
1 piece steel carrying case | Cutting force: 70 kN  
Cutting-O: 85 mm max.  
Operating pressure: 700 bar  
Weight: 7.3 kg  
Li-ion battery: 14.4 V/2.6 Ah  
Time of loading: ca. 45 minutes  
Battery charger: 230 V/50 Hz with 2 m connecting lead  
With collapsible 360° rotating cutting head |

Accessories

- 13533 1 piece spare rechargeable Li-ion battery
- 13534 1 piece additional battery charger
- 13535 1 piece 230 V mains adapter
- 13538 1 piece harness
Battery operated hydraulic crimping and cutting tool 100 kN
druseidt-system with exchangeable tool heads

Exchangeable tool heads

Crimping head

Cutting head

Deliverable tool heads

- Battery operated tools with exchangeable tool heads offer an economically and mobile crimping of cable lugs and connectors as well as cutting of copper- and aluminium-cables
- Deliverable tool heads
  Part-No. 12753 collapsible crimping head for flat dies
  Part-No. 12751 cutting head for copper and aluminium cables up to 54 mm Ø
- two stage hydraulic system with quick feed and power stroke
- collapsible, 360° rotating tool head
- automatic pressure limit and monitoring by a pressure sensor

- electronic control and inspection of the crimping cycle
- quick motor stop and manual retraction
- automatic motor stop and automatic retraction once crimp is completed (the automatic retraction function can be switched off in case of need)
- USB-interface for remote diagnosis
- analysis software with interpretation- service- and monitoring function
- optical failure- and stand-by indication system
- high performance Lithium-ion battery
- 230 V mains adapter as accessory part
Battery operated hydraulic crimping and cutting tool 100 kN
druseidt-system with exchangeable tool heads

Part-No. cross-section range description/scope of supply
12748 10 - 300 mm² 1 standard set consisting out of:
1 piece battery charger 230 V
1 piece battery operated basic unit 100 kN without tool heads
1 piece Li-Ion-battery 14,4 V, 2,6 Ah
1 piece analysis software
1 piece USB connecting lead
12749 steel carrying case
12750 crimping head for flat dies
12751 cutting head for copper- and aluminium cables up to 54 mm Ø

Accessories
13553 Replacement Li-Ion-battery 14,4 V, 2,6 Ah
13554 Replacement battery charger 230 V
13555 230 V mains adapter with 5 m connecting lead
13538 Shoulder strap

Technical data
- crimping force: 100 kN
- max. stroke: 17 mm
- operating pressure: 700 bar
- crimping time: 3-6 sec.
  (in dependence of the cross-section)
- Li-Ion-battery 14,4 V 2,6 Ah
- time of loading: ca. 45 min.
- battery charger: 230 V/60 Hz with 2 m connecting lead
- weight: with crimping head 5,3 kg
  with cutting head 6,1 kg

Application range for crimping head Part-No. 12753

- Indent-crimping 10-70 mm²
  for cable lugs acc. to DIN 46234 + DIN 46230
- Indent-crimping 1,5-35 mm²
  for druseidt stainless steel cable lugs
- WM-crimping 10-300 mm²
  for tubular cable lugs and connectors
  - druseidt Standard design
  - druseidt Euro-type design
- Hexagonal-crimping 10/16-300 mm²
  for cable lugs and connectors
  - copper DIN 46235/DIN 46267 part 1
  - aluminium DIN 46329/DIN 46267 part 2
- Round-crimping dies 25/35-185/240 mm²
- Trapezoid-crimping 25-95 mm²
  for cable end sleeves acc. to DIN 46229 part 1 + 4

Application range of cutting head Part-No. 12751
For cutting of copper- and aluminium cables up to a outer-Ø of 54 mm

Selection charts for crimping dies with Part-No. and description are listed in this catalogue on pages 196-197.
Battery operated hydraulic cutting tools 60 kN
for copper- and aluminium-cables up to 50 mm Ø

- Universal cutting tool
- Suitable for cutting copper- and aluminium-cables without core wire
- Two stage hydraulic system with quick feed and power stroke
- Collapsible, 360° rotating cutting head
- Automatic pressure limit and monitoring by a pressure sensor-electronic control and inspection of the cutting cycle
- Quick motor stop and manual retraction

- Automatic motor stop and automatic retraction
- USB-interface for remote diagnosis
- Analysis software with interpretation-, service- and monitoring function
- Optical failure- and stand-by indication system
- High performance Lithium-Ion battery
- 230 mains adapter as accessory part

<table>
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<tr>
<td>13534</td>
<td>60 kN</td>
<td>50 mm</td>
<td>1 Standard set consisting out of:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece cutting tool 60 kN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece Li-Ion-battery 14.4 V, 2.6 Ah</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece battery charger 230 V</td>
</tr>
</tbody>
</table>

Accessories

- 13553 Replacement Li-Ion-battery 14.4 V, 2.6 Ah
- 13554 Replacement battery charger 230 V
- 13555 230 V mains adapter with 5 m connecting lead
- 13538 Shoulder strap

Technical data

- Crimping force 60 kN
- Operating pressure 700 bar
- Weight 5.6 kg
- Li-Ion-battery 14.4 V/2.6 Ah
- Time of loading ca. 45 min
- Battery charger 230 V/50 Hz with 2 m connecting lead

The cutting tools are not applicable for cutting steel-wires, cables with steel inserts or solid conductors. They are also not applicable for all kind of live line working.
Battery operated hydraulic cutting tool 70 kN for copper- and aluminium-cables up to 85 mm Ø

- universal cutting tool
- suitable for cutting copper- and aluminium-cables without core wire
- two stage hydraulic system with quick feed and power stroke
- collapsible, 360° rotating cutting head
- automatic pressure limit and monitoring by a pressure sensor
- electronic control and inspection of the cutting cycle
- quick motor stop and manual retraction
- automatic motor stop and automatic retraction
- USB-interface for remote diagnosis
- analysis software with interpretation-, service- and monitoring function
- optical failure- and stand-by indication system
- high performance Lithium-ion battery
- 230 mains adapter as accessory part

<table>
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<tr>
<td>13535</td>
<td>70 kN</td>
<td>85 mm</td>
<td>1 Standard set consisting out of:</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece cutting tool 70 kN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece Li-Ion-battery 14.4 V, 2.6 Ah</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece battery charger 230 V</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece analysis software</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece USB-connecting lead</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 piece steel carrying case</td>
</tr>
</tbody>
</table>

**Accessories**

| 13553    | Replacement Li-Ion-battery 14.4 V, 2.6 Ah |
| 13554    | Replacement battery charger 230 V         |
| 13555    | 230 V mains adapter with 5 m connecting lead |
| 13538    | Shoulder strap                             |

**Technical data**

- crimping force 70 kN
- operating pressure 700 bar
- weight 7.3 kg
- Li-Ion-battery 14.4 V/2.6 Ah
- time of loading ca. 45 min.
- battery charger 230 V/50 Hz with 2 m connecting lead

The cutting tools are not applicable for cutting steel-wires, cables with steel inserts or solid conductors. They are also not applicable for all kind of live line working.