Solutions dedicated to the Aerospace industry
Desoutter is your single source of electric, pneumatic and hydraulic tool solutions, covering a wide range of assembly and manufacturing processes in the aerospace industry.

The quality and innovation of Desoutter solutions in Power Tools, Electric, Hydraulic and Pneumatic Nutrunners, Screwdrivers, Drills and Advanced Drilling Units, Grinders, Sanders, Rivet Hammers and Squeezers, Measurement systems or Advanced Assembly Tools is rooted in pro-active customer responsiveness.

Desoutter combines worldwide presence with local expertise. Whatever the application, wherever it is, we have the solution! Find more on www.desouttertools.com

To Buy Desoutter Products Online visit AirToolPro.com

Brought to you by Zampini Industrial Group - Factory Authorized Distribution Since 1987 - 1-800-353-4676
**ADVANCED DRILLING UNIT**

Modular concept with the best power-to-weight ratio in its class. Wide range of Advanced Drilling Unit design for Aerospace applications. Based on a set of modular sub-assemblies, the ADU will match with your specific applications.

**Pistol drill**

Best power-to-weight ratio. Can be used with composite dust extraction system.

See page 33

**Squeezer**


See page 41

**CVI3 range**


See pages 66 to 71

**Torque reaction arm**

Any customized solution can be designed and adapted to your needs.

Contact Desoutter
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1 TEMPORARY FASTENER DRIVER
For all types of attachment (Monogram®, Lisi®) we can offer a solution

2 E-LIT battery tool
With the low weight of the tools and its researched ergonomics you will work more productively on difficult application. Visual and audible feedback help you to enhance the quality.
See page 52

3 Multi-drills
Light and low noise drills suitable for many drilling operations. Can be used with a keyed or keyless chuck
See page 27

4 C-Clamp
Large range of C-clamp equipment for one shot operation up to medium size diameters, 120 to 200 kg clamping force. No jig necessary
See page 21

5 Squeezer
Alligator Jaws / C-Yokes
Single and tandem cylinders
See page 40

6 Pistol drill
Best power-to-weight ratio
Wide range of speed and chuck
See page 33
1. **NUTRUNNERS**
   - Provide durable quality and improve operator comfort and efficiency. Suitable to hard and soft joints.
   - See pages 66 to 71

2. **Pistol drill**
   - Heavy duty drills for hard material drilling operations
   - See page 33

3. **CVI3 Range**
   - Assembly process, high sensitivity torque transducer
   - Ergostop, Preset graphs...
   - See pages 66 to 71

4. **E-LIT battery tool**
   - Light and slim, the Elit angle head range will fit with all your tight area tightenings. The front LED and the visual feedback on OK/NOK and rehit will exceed your error proofing expectations
   - See page 52

5. **Sander**
   - A fingertip machine control for tight areas
   - See page 82

6. **Electric nutrunner**
   - Offset tube nut
   - Transducerized tightening tools
   - Contact Desoutter

---

For more information, visit [AirToolPro.com](http://AirToolPro.com)

Brought to you by Zampini Industrial Group - Factory Authorized Distribution Since 1987 - 1-800-353-4676

**Engine**
CVI3 RANGE
Advanced tightening strategies
Compact monobloc angle head. Embedded fixturing on high torque tools. CVIMONITOR for realtime monitoring

1

Die grinder
Large choice of speeds and collets to fit various ASC applications
See page 80

2

Orbital sander
High power-to-weight ratio for maximum efficiency and productivity
See page 86

3

Sander
A fingertip machine control for tight areas
See page 82

4

Nutrunner + Crowfoot
Low speed and customized crowfoot specifications
See page 73

5

Wheel assembly
2 spindle machines adapted to different wheel sizes. Full quality reporting
Contact Desoutter

6

Landing gear
To Buy Desoutter Products Online visit AirToolPro.com
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Cockpit / Interior

1
MULTI-DRILLS
Industrial solution giving more flexibility to the operator. This flexible product will help to increase productivity. Light weight, low noise, good ergonomics

2
Pistol drill
Power and speed dedicated to your needs
See page 33

3
E-LIT battery tool
With the low weight of the tools and its researched ergonomics you will work more productivity on difficult applications, visual and audible feedback help you to enhance the quality
See page 52

4
Pistol screwdriver
Accurate clutch for high quality tightening
See page 74

5
Nutrunner
Low speed and customized crowfoot specifications
See page 73

6
E-LIT battery tool
The ELS range allows you to easily set a 2 speed tightening strategy, with the speed setting module, slowing down at the end of the tightening to keep good quality and productivity
See page 52
1. SANDERS
Unequalled power-to-weight ratio for various applications

2. Multi-drills
Light and low noise drills suitable for many drilling applications
See page 27

3. Wheel and Brake assembly
Fully Automatic Transducerized twin spindles system HMI control
Contact Desoutter

4. Riveting hammer
Recoilless series for more operator comfort
See page 45

5. Squeezer
Alligator Jaws / C-Yokes Single and tandem cylinders
See page 40

6. Nutrunner + Crowfoot
Low speed and customized crowfoot specifications
See page 72
FIT CONCEPT
Committed to our customers success!

- **FIT OUR CUSTOMERS NEEDS**
  Understanding your needs is our first objective.

- **INTEGRATION AS THE BASE TO DEVELOP SERVICE SOLUTIONS**
  Solutions upgrade is possible at any time.

- **TAILOR-MADE SOLUTION**
  Implement a tailor-made solution to boost your performance.

Current tools in production

Service solutions - FIT Concept
For all your needs

Aerospace solutions
Because we know how demanding aerospace applications are, we offer our customers the most innovative, flexible and robust solutions in the industry. Our dedicated Aerospace team will provide you with a strong technical expertise, an in-depth understanding of your applications, as well as flexibility and reactivity to make sure your projects are managed with world-class efficiency.

**DRILLING**
We offer a wide range of standard and customizable products for all the aerospace drilling applications.

**ADU’s**
Seti-tec products offer an unmatched level of customization. If you can’t find your answer in the extensive catalog of modules already used worldwide, just ask. We will come up with a solution.

DR500-HCU (Hydraulic Control Unit)
Dampered drilling to avoid delamination
Wide range of speeds and strokes
See page 22

**Deburring tools**
Wide range of tools, customization on demand
See page 39

**ASSEMBLY TOOLS FOR AEROSPACE APPLICATIONS**
Regardless of the complexity of your demand, we have the right product to support you (see pages 59 & 61).

**TEMPORARY FASTENERS** (see page 48)
Either in Monogram or Lisi, we can cover a wide range of temporary fasteners installation and removal tools, with both pneumatic and battery options.

**RIVETING**
Best chances your application cannot be answered by standard products. And you cannot afford to play with your workers safety. Contact our expert team for full support, safe and reliable solution.

3D jaw design including accessibility check
FEM analysis for weight optimization and safety guarantee
Finished optimized and safe riveting solution
éVo software
Full control and easy setup of:
- Spindle position, speed,
- Thrust & torque,
- Peck modes,
- Lubrication management

Full modularity: 1 Motor unit for unlimited number of smart heads

RFID Head identification
Quick-change head system

Patented WINCH system
Trigger for tool clamping and head change

RFID Head identification

Multi-energy cable
- Power
- Air
- Signal
- Lubrication

éVo Concept
Interchangeable heads

éVo Motor unit
Multi-energy cable
Control & Lubrication Box

KEY POINTS

PRODUCTION OPTIMIZATION

CYCLE TIME REDUCTION
Feed rate and rotation adaptation based on real time material detection
Smart Lubrication → reduced Cleaning time

FLEXIBLE Line management
1 Motor unit + unlimited number of heads
Easy setting & change of drilling cycle parameters via dedicated software

QUALITY CONTROL

Real time drilling monitoring for detection of broken tools
Automatic detection of exit point
Real-time lubrication management
Ability for peck programmation
Detection of multi-stack gaps

SMART DRILLING

Autonomous drilling mode → self adaptation adaptation of drilling cycle
Unlimited drilling curve storage
Various Poka Yoke systems
Real time drilling monitoring

HEALTH & SAFETY

Reduced Environmental impact
Reduced consumption
Reduced lubrication pollution
Improved workplace
Limited operator’s exposure to lubricant

MAINTENANCE OPTIMIZATION

Full modularity with ADU components
Cycle counter for cutting tool & heads
Access right management
Increased life time for cutting tools

Seti-Tec latest innovation will raise your drilling performance and quality to an unprecedented level.
Cycle time reduction, quality control, full control over drilling parameters in a compact, user-friendly system.
Part of Desoutter product portfolio, Seti-Tec line offers best-in-class performance, quality and reliability for the most demanding drilling applications worldwide. Seti-Tec solutions have already been adopted by all major Aircraft manufacturers worldwide.

This concept is dedicated to highly demanding drilling, reaming, countersinking applications, where quality, precision and repeatability are critical. Its innovative design makes one step drilling, reaming, countersinking possible, and will help driving down your cycle time. Its design based on modularity concept and the wide variety of clamping options will answer most of your applications.

In addition to the current ST1200 and ST220 pneumatic range, the Electric Drilling Unit range éVo is raising the drilling performance to a new standard.

1 STEP OPERATION - DRILLING – REAMING - COUNTERSINKING

ST1200 family

ST2200 family

A TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>HOLE DIAMETER</th>
<th>ALUMINIUM COMPOSITE</th>
<th>TITANIUM HARD METAL</th>
<th>ALUMINIUM COMPOSITE</th>
<th>TITANIUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 1200</td>
<td>ST 1200</td>
<td>ST 1200</td>
<td>ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;4,8mm - 3/16&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;6,35mm - 1/4&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;7,9mm - 5/16&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;9,5mm - 3/8&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;11,1mm - 7/16&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;12,7mm - 1/2&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;14,3mm - 9/16&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;15,9mm - 5/8&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;19,5mm - 3/4&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;22,2mm - 7/8&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>&lt;25,4mm - 1&quot;</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
<tr>
<td>Over 25,4mm</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td>ST 1200 ST 1200</td>
<td></td>
</tr>
</tbody>
</table>

Measurement: precision depth 0.02mm

Power: 2.8 HP, with torque limiting at lower speed

Weight:

<table>
<thead>
<tr>
<th>ST1200</th>
<th>ST2200</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 kg (3.3 lb)</td>
<td>2.2 kg (4.9 lb)</td>
</tr>
</tbody>
</table>

Stroke: Unlimited

Feed rates:

<table>
<thead>
<tr>
<th>ST1200</th>
<th>ST2200</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.02 mm/rotation</td>
<td>0.04 mm/rotation</td>
</tr>
<tr>
<td>0.04 mm/rotation</td>
<td>0.06 mm/rotation</td>
</tr>
<tr>
<td>0.06 mm/rotation</td>
<td>0.10 mm/rotation</td>
</tr>
<tr>
<td>0.08 mm/rotation</td>
<td>0.12 mm/rotation</td>
</tr>
<tr>
<td>0.10 mm/rotation</td>
<td>0.14 mm/rotation</td>
</tr>
<tr>
<td>0.12 mm/rotation</td>
<td>0.18 mm/rotation</td>
</tr>
<tr>
<td>0.15 mm/rotation</td>
<td>0.20 mm/rotation</td>
</tr>
</tbody>
</table>

Upper feed rates possible to adapt.

Rotation speed:

<table>
<thead>
<tr>
<th>ST1200</th>
<th>ST2200</th>
</tr>
</thead>
<tbody>
<tr>
<td>240 rpm</td>
<td>159 rpm</td>
</tr>
<tr>
<td>500 rpm</td>
<td>250 rpm</td>
</tr>
<tr>
<td>1000 rpm</td>
<td>300 rpm</td>
</tr>
<tr>
<td>1700 rpm</td>
<td>560 rpm</td>
</tr>
<tr>
<td>2400 rpm</td>
<td>700 rpm</td>
</tr>
<tr>
<td>3000 rpm</td>
<td>800 rpm</td>
</tr>
<tr>
<td>4600 rpm</td>
<td>900 rpm</td>
</tr>
<tr>
<td>6500 rpm</td>
<td>1200 rpm</td>
</tr>
<tr>
<td>8100 rpm</td>
<td>2600 rpm</td>
</tr>
<tr>
<td>14000 rpm</td>
<td>3000 rpm</td>
</tr>
</tbody>
</table>

Any specific requirement can be handled by Seti-Tec line design team. Contact your Desoutter representative for assistance.

Any specific requirement can be handled by Seti-Tec line design team. Contact your Desoutter representative for assistance.

Available an right angle, inline and inline + handle

Available an right angle, inline and inline + handle

Available an right angle, inline and inline + handle
**Controlled drilling**

**DR500-HCU**

For a better control of your drilling operations, the dampened drilling units improve your drilling quality, especially in composite.

The dampening unit reduces the risk of delamination by dampening the thrust during the drilling phase, and at the exit point.

**Technical data**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FREE SPEED</th>
<th>MOTOR POWER</th>
<th>STALL TORQUE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>rpm</td>
<td>kW</td>
<td>hp</td>
<td>Nm</td>
</tr>
<tr>
<td>DR500-P5800</td>
<td>5800</td>
<td>0.5</td>
<td>0.68</td>
<td>3.1</td>
</tr>
<tr>
<td>DR500-P4300</td>
<td>4300</td>
<td>0.5</td>
<td>0.68</td>
<td>4.2</td>
</tr>
<tr>
<td>DR500-P2700</td>
<td>2700</td>
<td>0.5</td>
<td>0.68</td>
<td>6.9</td>
</tr>
<tr>
<td>DR500-P1800</td>
<td>1800</td>
<td>0.5</td>
<td>0.68</td>
<td>9.9</td>
</tr>
<tr>
<td>DR500-P1400</td>
<td>1400</td>
<td>0.5</td>
<td>0.68</td>
<td>13.4</td>
</tr>
<tr>
<td>DR500-P1000</td>
<td>1000</td>
<td>0.5</td>
<td>0.68</td>
<td>18.0</td>
</tr>
<tr>
<td>DR500-P600</td>
<td>600</td>
<td>0.5</td>
<td>0.68</td>
<td>28.7</td>
</tr>
<tr>
<td>DR500-P400</td>
<td>400</td>
<td>0.5</td>
<td>0.68</td>
<td>46.0</td>
</tr>
</tbody>
</table>

Some parts (Bushings, tripods) will be specific to your application. Please contact your local Desoutter representative for support.

**Back spot facing applications**

We can offer a solution for back spot facing applications, based on the Manual Drilling Unit module.
Rack Feed Drills

- The Rack Feed Drill is a semi-fixtured (nose mounted) portable drilling unit, utilising a manual feed through an integral "rack and pinion" mechanism to accommodate the approach drilling and retract cycles. This provides the user with complete control of the feed rate during drilling and allows the user to "feel" the feed rate required.

- Versatile and flexible, especially when drilling laminates and sandwich materials.

- RFD is suitable for drilling/reaming various materials used in the Aerospace industries e.g. Inconel, Titanium, Steel, Aluminium and Composites.

**How to select your tool?**

1. Select material
2. Select hole size
3. Select tool

**RFD Selection**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>FREE SPEED</th>
<th>MAX STROKE</th>
<th>OUTPUT SPINDLE</th>
<th>CHUCK SPINDLE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
<th>AIR FLOW</th>
<th>AIR INLET</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFD-100-2800</td>
<td>681214</td>
<td>2800</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
<td>8.6</td>
<td>11.8</td>
</tr>
<tr>
<td>RFD-100-1850</td>
<td>681394</td>
<td>1850</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
<td>8.6</td>
<td>11.8</td>
</tr>
<tr>
<td>RFD-100-800</td>
<td>680084</td>
<td>800</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
<td>8.6</td>
<td>11.8</td>
</tr>
<tr>
<td>RFD-100-500</td>
<td>680084</td>
<td>800</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
<td>8.6</td>
<td>11.8</td>
</tr>
<tr>
<td>RFD-100-330</td>
<td>680244</td>
<td>330</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
<td>8.6</td>
<td>11.8</td>
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<tr>
<td>RFD-100-140</td>
<td>1457364</td>
<td>140</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
<td>8.6</td>
<td>11.8</td>
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<tr>
<td>RFD-100-85</td>
<td>1457374</td>
<td>85</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
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<td>11.8</td>
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<tr>
<td>RFD-100-60</td>
<td>1457384</td>
<td>60</td>
<td>102</td>
<td>1/2-20 UNF</td>
<td>652</td>
<td>25.67</td>
<td>3.0</td>
<td>8.6</td>
<td>11.8</td>
</tr>
<tr>
<td>RFDT-125-800</td>
<td>1440564</td>
<td>800</td>
<td>127</td>
<td>5</td>
<td>674</td>
<td>30.08</td>
<td>5.5</td>
<td>12.1</td>
<td>11.8</td>
</tr>
<tr>
<td>RFDT-125-2800</td>
<td>1440564</td>
<td>2800</td>
<td>127</td>
<td>5</td>
<td>674</td>
<td>30.08</td>
<td>5.5</td>
<td>12.1</td>
<td>11.8</td>
</tr>
<tr>
<td>RFDT-125-1850</td>
<td>1440564</td>
<td>1850</td>
<td>127</td>
<td>5</td>
<td>674</td>
<td>30.08</td>
<td>5.5</td>
<td>12.1</td>
<td>11.8</td>
</tr>
<tr>
<td>RFDT-125-140</td>
<td>1440564</td>
<td>140</td>
<td>127</td>
<td>5</td>
<td>674</td>
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<td>11.8</td>
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<td>RFDT-125-85</td>
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<td>11.8</td>
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<tr>
<td>RFDT-125-60</td>
<td>1440564</td>
<td>60</td>
<td>127</td>
<td>5</td>
<td>674</td>
<td>30.08</td>
<td>5.5</td>
<td>12.1</td>
<td>11.8</td>
</tr>
</tbody>
</table>

*Use selection data as a guide only*

**ACCESSORIES INCLUDED**

- Chuck with key capacity 13mm (1/2”)
- Extended Nose (1’’x 14 LH nose thread)
- Bayonet Plate – 45mm (1.77”) centres
- Bayonet Plate – 76mm (2.99”) centres

**OPTIONAL ACCESSORIES**

For more details on the following Part Numbers, please contact your local Desoutter representative.

**Bayonet Plates**

<table>
<thead>
<tr>
<th>CENTRE “A”</th>
<th>Ø B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>38mm (1.50”)</td>
<td>3/4” x 16 (LH)</td>
<td>3/4” x 16 (LH)</td>
</tr>
<tr>
<td>45mm (1.77”)</td>
<td>1” x 14 (LH)</td>
<td>1” x 14 (LH)</td>
</tr>
<tr>
<td>76mm (2.99”)</td>
<td>2” x 16 (LH)</td>
<td>2” x 16 (LH)</td>
</tr>
</tbody>
</table>

**Nose Attachments**

**Extension Tubes**

**Drill bushes**

For dimension “ØB” please ask for details of our range of drill bushes.
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Drill Selection Guide

### How to select your tool:
- Select material
- Select hole size
- Define speed

<table>
<thead>
<tr>
<th>TOOL TYPE</th>
<th>FREE SPEED</th>
<th>TITANIUM</th>
<th>STAINLESS STEEL</th>
<th>HARD CAST IRON, MEDIUM HARD STEEL</th>
<th>COMPOSITE</th>
<th>WOOD, SOFT PLASTICS, CHIPBOARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPACT HEAD</td>
<td>rpm</td>
<td>5-10mm</td>
<td>10-20 mm</td>
<td>20-30 mm</td>
<td>30-40 mm</td>
<td>50-80 mm</td>
</tr>
<tr>
<td>30°, 45°, 90°, 360° COMPACT HEAD</td>
<td>DR300-QR</td>
<td>5500</td>
<td>–</td>
<td>–</td>
<td>3.0 (1/8&quot;)</td>
<td>6.0 (1/4&quot;)</td>
</tr>
<tr>
<td></td>
<td>4500</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>3.0 (1/8&quot;)</td>
<td>6.0 (1/4&quot;)</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>3.0 (1/8&quot;)</td>
<td>6.0 (1/4&quot;)</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>3.0 (1/8&quot;)</td>
<td>6.0 (1/4&quot;)</td>
</tr>
<tr>
<td></td>
<td>1000</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>3.0 (1/8&quot;)</td>
<td>6.0 (1/4&quot;)</td>
</tr>
</tbody>
</table>

| STANDARD HEAD | DR300-QR | 5500 | – | – | 3.0 (1/8") | 6.0 (1/4") | 5.0 (3/16") | 6.5 (1/4") |
| | 4500 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 5.0 (3/16") | 6.5 (1/4") |
| | 2000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 5.0 (3/16") | 6.5 (1/4") |
| | 2000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 5.0 (3/16") | 6.5 (1/4") |
| | 1000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 5.0 (3/16") | 6.5 (1/4") |

| HEAVY DUTY | DR300-THHD | 2000 | – | 3.0 (1/8") | 6.0 (1/4") | 5.0 (3/16") | 6.5 (1/4") |
| | 1000 | – | – | – | 6.0 (1/4") | 8.0 (1/2") | 10.0 (13/32") |

| PISTOL GRIP | DR350 | ø8-10 mm (5/16" - 3/8") cap. | 2000 | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 5500 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 4500 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 3000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 2000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 1000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |

| COMPTACT HEAD | DR300-T | ø8-10 mm (5/16" - 3/8") cap. | 2000 | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 5500 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 4500 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 3000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |
| | 2000 | – | – | – | 3.0 (1/8") | 6.0 (1/4") | 8.0 (5/16") | 10.0 (13/32") |

- Modular product range to boost you productivity
- Full flexibility for difficult access applications
- Lightweight and excellent ergonomics
- Robust built, reliable design and excellent run-out

1 tool for all applications

12 positions, 360° orientation

Safety
- Ergonomics
- Low weight
- Low sound levels

Vacuum kits options

*Possibility to use ER collets with straight Quick Release attachment. See p. 81 for all details

Above standard chuck capacity
Multi-Drills

### QUICK RELEASE HEADS

<table>
<thead>
<tr>
<th>PIC REF</th>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>FREE SPEED</th>
<th>MOTOR POWER</th>
<th>WEIGHT</th>
<th>LENGTH</th>
<th>AIR FLOW</th>
<th>AIR INLET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>DR350-P5000-QR</td>
<td>205 147 594-4</td>
<td>5500</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
</tr>
<tr>
<td>A</td>
<td>DR350-P5000-QR</td>
<td>205 147 594-4</td>
<td>3000</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
</tr>
<tr>
<td>A</td>
<td>DR350-P5000-QR</td>
<td>205 147 594-4</td>
<td>1500</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
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<td>B</td>
<td>DR350-P4000-QR</td>
<td>205 147 593-4</td>
<td>4500</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
</tr>
<tr>
<td>B</td>
<td>DR350-P4000-QR</td>
<td>205 147 593-4</td>
<td>3000</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
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<tr>
<td>B</td>
<td>DR350-P4000-QR</td>
<td>205 147 593-4</td>
<td>1500</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
</tr>
<tr>
<td>C</td>
<td>DR350-P5000-QR</td>
<td>205 147 592-4</td>
<td>5500</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
</tr>
<tr>
<td>C</td>
<td>DR350-P5000-QR</td>
<td>205 147 592-4</td>
<td>3000</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
</tr>
<tr>
<td>C</td>
<td>DR350-P5000-QR</td>
<td>205 147 592-4</td>
<td>1500</td>
<td>350</td>
<td>0.5</td>
<td>0.50</td>
<td>1.10</td>
<td>169</td>
</tr>
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</table>

### COMPACT ANGLE HEADS

<table>
<thead>
<tr>
<th>PIC REF</th>
<th>DESIGNATION</th>
<th>PART NUMBER</th>
<th>LENGTH L</th>
<th>COLLET MAX. CAPACITY</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Compact 45° angle head</td>
<td>205 103 323-3</td>
<td>82.8</td>
<td>3.26</td>
<td>5.0</td>
</tr>
<tr>
<td>C</td>
<td>Compact 90° angle head</td>
<td>205 103 323-3</td>
<td>82.8</td>
<td>3.26</td>
<td>5.0</td>
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### STANDARD ANGLE HEADS

<table>
<thead>
<tr>
<th>PIC REF</th>
<th>DESIGNATION</th>
<th>PART NUMBER</th>
<th>LENGTH L</th>
<th>COLLET MAX. CAPACITY</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Compact 45° angle head</td>
<td>205 103 323-3</td>
<td>82.8</td>
<td>3.26</td>
<td>5.0</td>
</tr>
<tr>
<td>C</td>
<td>Compact 90° angle head</td>
<td>205 103 323-3</td>
<td>82.8</td>
<td>3.26</td>
<td>5.0</td>
</tr>
</tbody>
</table>

### ACCESSORIES INCLUDED

- **With DR300**
  - Short lever
  - 2 3/8" handle
- **With Angle heads C, D, E & F**
  - Collet spindle: T5-45
  - Collet spindle: T5-90

### OPTIONAL ACCESSORIES

- **Multi Drills - Accessories**

### PART NO. | CAPACITY | COLOUR | SPEED | COLOUR IDENTIFICATION | SPEED | PART NO. | CAPACITY | COLOUR | SPEED | PART NO. | CAPACITY | COLOUR | SPEED | PART NO. | CAPACITY | COLOUR | SPEED | PART NO. | CAPACITY | COLOUR | SPEED | PART NO. | CAPACITY |
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>2272</td>
<td>ø 1.2mm</td>
<td>Red</td>
<td>18920</td>
<td>Red</td>
<td>1900</td>
<td>255</td>
<td>ø 2.4mm</td>
<td>Red</td>
<td>2282</td>
<td>Brown</td>
<td>2272</td>
<td>ø 1.2mm</td>
<td>Red</td>
<td>18920</td>
<td>Red</td>
<td>1900</td>
<td>255</td>
<td>ø 2.4mm</td>
<td>Red</td>
<td>2282</td>
<td>Brown</td>
<td>2272</td>
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<tr>
<td>2242</td>
<td>ø 1.7mm</td>
<td>Red</td>
<td>18920</td>
<td>Red</td>
<td>1900</td>
<td>255</td>
<td>ø 2.4mm</td>
<td>Red</td>
<td>2282</td>
<td>Brown</td>
<td>2272</td>
<td>ø 1.2mm</td>
<td>Red</td>
<td>18920</td>
<td>Red</td>
<td>1900</td>
<td>255</td>
<td>ø 2.4mm</td>
<td>Red</td>
<td>2282</td>
<td>Brown</td>
<td>2272</td>
<td></td>
</tr>
</tbody>
</table>

### OTHER OPTIONAL ACCESSORIES

- **Start button with rear stop**
  - 205 105 454-3
- **Keyed chuck C6 - 3/8" (Cap. 0.5 to 6mm)**
  - 205 147 272-2
- **Keyed chuck C9 - 3/8" (Cap. 0.5 to 6mm)**
  - 205 147 272-2
- **Flat wrench 6-9 mm for Angle Heads A, B, & E**
  - 205 147 272-2

---

[Visit: AirToolPro.com](http://AirToolPro.com)
Angle Drills

Compact Head - Max capacity: 5mm (3/16")
Collet & 1/4" x 28 Spindle

Available also with 450 W (0.64hp) power

Standard Head - Max capacity: 6.4mm (1/4")
Collet & 1/4" x 28 Spindle

Available also with 450 W (0.64hp) power

Heavy Duty 90° Angle Head

Available also with 450 W (0.64hp) power
Accessories for Angle Drills

Collet for Compact Angle Drills DR300-T5.. - Maximum capacity: 5 mm (3/16")

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 1.6mm (5/32&quot;)</td>
<td>2452</td>
</tr>
<tr>
<td>ø 1.8mm</td>
<td>2462</td>
</tr>
<tr>
<td>ø 2.0mm</td>
<td>2472</td>
</tr>
<tr>
<td>ø 2.2mm</td>
<td>2482</td>
</tr>
<tr>
<td>ø 2.4mm</td>
<td>2492</td>
</tr>
<tr>
<td>ø 2.6mm</td>
<td>2502</td>
</tr>
<tr>
<td>ø 2.8mm</td>
<td>2512</td>
</tr>
<tr>
<td>ø 3.0mm</td>
<td>2522</td>
</tr>
<tr>
<td>ø 3.2mm (1/8&quot;)</td>
<td>2532</td>
</tr>
<tr>
<td>ø 3.4mm</td>
<td>2542</td>
</tr>
<tr>
<td>ø 3.6mm (9/64&quot;)</td>
<td>2552</td>
</tr>
</tbody>
</table>

Collet for Standard Angle Drills DR300-T6.. - Maximum capacity: 6.4 mm (1/4")

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 1.6mm (5/32&quot;)</td>
<td>2452</td>
</tr>
<tr>
<td>ø 1.8mm</td>
<td>2462</td>
</tr>
<tr>
<td>ø 2.0mm</td>
<td>2472</td>
</tr>
<tr>
<td>ø 2.2mm</td>
<td>2482</td>
</tr>
<tr>
<td>ø 2.4mm</td>
<td>2492</td>
</tr>
<tr>
<td>ø 2.6mm</td>
<td>2502</td>
</tr>
<tr>
<td>ø 2.8mm (7/64&quot;)</td>
<td>2512</td>
</tr>
<tr>
<td>ø 3.0mm</td>
<td>2522</td>
</tr>
<tr>
<td>ø 3.2mm</td>
<td>2532</td>
</tr>
<tr>
<td>ø 3.4mm</td>
<td>2542</td>
</tr>
<tr>
<td>ø 3.6mm (9/64&quot;)</td>
<td>2552</td>
</tr>
</tbody>
</table>

Collet for Heavy Duty Angle Drills DR300-THD.. - Maximum capacity: 8 mm (5/16")

<table>
<thead>
<tr>
<th>CAPACITY</th>
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</thead>
<tbody>
<tr>
<td>ø 2.4mm (5/32&quot;)</td>
<td>2612</td>
</tr>
<tr>
<td>ø 2.6mm</td>
<td>2622</td>
</tr>
<tr>
<td>ø 2.8mm (7/64&quot;)</td>
<td>2632</td>
</tr>
<tr>
<td>ø 3.0mm</td>
<td>2642</td>
</tr>
<tr>
<td>ø 3.2mm (1/8&quot;)</td>
<td>2652</td>
</tr>
<tr>
<td>ø 3.4mm</td>
<td>2662</td>
</tr>
<tr>
<td>ø 3.6mm (9/64&quot;)</td>
<td>2672</td>
</tr>
<tr>
<td>ø 3.8mm (5/32&quot;)</td>
<td>2682</td>
</tr>
<tr>
<td>ø 4.0mm (5/32&quot;)</td>
<td>2692</td>
</tr>
<tr>
<td>ø 4.2mm</td>
<td>2702</td>
</tr>
<tr>
<td>ø 4.4mm (5/32&quot;)</td>
<td>2712</td>
</tr>
<tr>
<td>ø 4.6mm</td>
<td>2722</td>
</tr>
<tr>
<td>ø 4.8mm (5/32&quot;)</td>
<td>2732</td>
</tr>
<tr>
<td>ø 5.0mm</td>
<td>2742</td>
</tr>
<tr>
<td>ø 5.2mm (5/32&quot;)</td>
<td>2752</td>
</tr>
</tbody>
</table>

ACCESSORIES INCLUDED

- Collet for Compact Angle Drills DR300-T5.. - ø 1.6mm (5/32")
- Collet for Compact Angle Drills DR300-T6.. - ø 1.8mm
- Collet for Heavy Duty Angle Drills DR300-THD.. - ø 2.4mm (5/32")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 2.6mm
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 2.8mm (7/64")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 3.0mm
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 3.2mm (1/8")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 3.4mm
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 3.6mm (9/64")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 3.8mm (5/32")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 4.0mm (5/32")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 4.2mm
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 4.4mm (5/32")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 4.6mm
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 4.8mm (5/32")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 5.0mm
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 5.2mm (5/32")
- Cap for Heavy Duty Angle Drills DR300-THD.. - ø 5.4mm

OPTIONAL ACCESSORIES

- Tool range (see page 22)
- Accessory for each application
- Tool power & speed
- Diameter
- Material drilled

OTHER OPTIONAL ACCESSORIES

- Side handle
- Drill lever
- Flat wrench 8-55mm
- Flat wrench 10mm

How to make the right selection?

- Tool range covers a wide range of applications to answer all your requirements
- Wide range of pistol drills with best in class power-to-weight ratio
- We offer a wide range of feed controlled tools (see page 22)
### DR500 Series

- **Model**: DR500-P...
- **Part Number**: 205 047 652 4
- **DR500-P...C13**: DR500-P1800
- **DR500-P...C10**: DR500-P18500

### DR350 Series

- **Model**: DR350-P...
- **Part Number**: 205 047 242 4
- **DR350-P...C10**: DR350-P18000

### DR750 Series

- **Model**: DR750-P...
- **Part Number**: 205 047 658 4
- **DR750-P...C10**: DR750-P4100

### Tables

#### Drill Press Speeds and Torques

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NUMBER</th>
<th>FREE SPEED</th>
<th>MOTOR POWER</th>
<th>STALL TORQUE</th>
<th>WEIGHT</th>
<th>CHUCK SELECTION GUIDE FOR DR300-T... / DR350-P... / DR500-P... / DR750-P...</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>DR350-P500-C6</td>
<td>205 047 292 4</td>
<td>5000 350 0.5</td>
<td>2.5</td>
<td>5.3</td>
<td>0.49</td>
</tr>
<tr>
<td>B</td>
<td>DR500-P500-C6</td>
<td>205 047 358 4</td>
<td>5000 350 0.5</td>
<td>2.3</td>
<td>20.4</td>
<td>0.49</td>
</tr>
<tr>
<td>C</td>
<td>DR750-P500-C6</td>
<td>205 047 357 4</td>
<td>3000 350 0.5</td>
<td>4.0</td>
<td>35.4</td>
<td>0.49</td>
</tr>
<tr>
<td>D</td>
<td>DR750-P1000-C6</td>
<td>205 047 342 4</td>
<td>1500 350 0.5</td>
<td>5.4</td>
<td>47.8</td>
<td>0.49</td>
</tr>
<tr>
<td>E</td>
<td>DR350-P500-C10</td>
<td>205 047 358 4</td>
<td>5000 350 0.5</td>
<td>2.3</td>
<td>11.1</td>
<td>0.49</td>
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<tr>
<td>F</td>
<td>DR500-P500-C10</td>
<td>205 047 354 4</td>
<td>5000 350 0.5</td>
<td>18.6</td>
<td>166.4</td>
<td>0.51</td>
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</table>

#### Chuck Spindle Sizes

- **Model**: DR500-P...
- **Part Number**: 205 047 354 4
- **DR500-P...C8**: DR500-P2700
- **DR500-P...C10**: DR500-P18500

#### Chuck Guard Selection

- **Item**: Chuck guard for DR350-P...
- **Part Number**: 205 049 446 3

#### Optional Accessories

- **Item**: Shroud ø 20mm (for C6 or C8 type)
- **Part Number**: 205 055 005 3
- **Item**: Flat wrench, 12.7mm (1/2'')
- **Part Number**: 15533
- **Item**: Adaptor - JT1 female to JT2 male (for DR750-P...JT1)
- **Part Number**: 29492

#### Dust Collection

- **Model**: DR750-P...
- **Part Number**: 205 049 446 3
- **DR750-P...C8**: DR750-P2700
- **DR750-P...C10**: DR750-P18500

#### Identification

- **Model**: DR750-P...
- **Part Number**: 205 049 446 3
- **DR750-P...JT1**: DR750-P4100

### Miscellaneous

- **Model**: DR750-P...
- **Part Number**: 205 049 446 3
- **DR750-P...JT1**: DR750-P4100

---

**Accessories**

- **Model**: DR500-P...
- **Part Number**: 205 047 354 4
- **DR500-P...C8**: DR500-P2700
- **DR500-P...C10**: DR500-P18500

---

**VACUUM KIT for DR350 & 500**

**Black**: 2000
**Purple**: 4500
**Green**: 1000
**Yellow**: 550

---

**OPTIONAL ACCESSORIES**

- **Item**: Chuck guard for DR750-P...
- **Part Number**: 205 049 406 3

---

**OTHER OPTIONAL ACCESSORIES**

- **Item**: Adaptor - JT1 female to JT2 male (for DR750-P...JT1)
- **Part Number**: 12243
- **Item**: Flat wrench, 12.7mm (1/2'')
**Vacuum & Color Identification**

### Accessories Included

<table>
<thead>
<tr>
<th>Item</th>
<th>DR300P-C8</th>
<th>DR300P-C10</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Keyed chuck 3/8” UNF - cap 8mm (5/16”)</td>
<td>205 053 013 3</td>
<td>-</td>
</tr>
<tr>
<td>2. Keyed chuck 3/8” UNF - cap 10mm (3/8”)</td>
<td>205 052 954 3</td>
<td>-</td>
</tr>
<tr>
<td>2. Chuck guard for DR300P-C8</td>
<td>205 049 446 3</td>
<td>-</td>
</tr>
<tr>
<td>3. Side handle for DR300-T.C10</td>
<td>205 050 299 3</td>
<td>-</td>
</tr>
<tr>
<td>4. Safety lever for DR300-T.</td>
<td>205 050 288 3</td>
<td>-</td>
</tr>
<tr>
<td>5. Exhaust hose for DR300-T.</td>
<td>205 051 259 3</td>
<td>-</td>
</tr>
</tbody>
</table>

### Colour Identification

<table>
<thead>
<tr>
<th>Colour Identification</th>
<th>Speed</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>20000</td>
<td>205 049 447 3</td>
</tr>
<tr>
<td>Orange</td>
<td>5500</td>
<td>205 055 003 3</td>
</tr>
<tr>
<td>Purple</td>
<td>4500</td>
<td>205 055 004 3</td>
</tr>
<tr>
<td>Blue</td>
<td>3000</td>
<td>205 055 005 3</td>
</tr>
</tbody>
</table>

### Colour Rings

- Error-proof your production line with an easy identification your tool speed

**Vacuum System**

- Efficient Vacuum system to collect harmful drilling dust & burrs
- Easy adaptation to standard tool
- Easy to use
- Available both for DR350 & DR500
- 2 shroud sizes 20 & 40mm.

### Compact Angle Drills

- Standard Angle Drills
- 205 147 989 4
- 205 147 991 4

### Optional Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>DR300P-C8</th>
<th>DR300P-C10</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Side handle for DR300-T.C8</td>
<td>205 049 446 3</td>
<td>39433</td>
</tr>
<tr>
<td>2. Suspension Bail</td>
<td>39433</td>
<td></td>
</tr>
<tr>
<td>3. Short lever</td>
<td>205 050 299 3</td>
<td>205 050 299 3</td>
</tr>
<tr>
<td>4. Inlet button with lever release plugs</td>
<td>205 050 404 3</td>
<td>205 050 404 3</td>
</tr>
</tbody>
</table>

**Color Identification**

<table>
<thead>
<tr>
<th>Colour Identification</th>
<th>Speed</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>20000</td>
<td>205 049 447 3</td>
</tr>
<tr>
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<td>205 055 003 3</td>
</tr>
<tr>
<td>Purple</td>
<td>4500</td>
<td>205 055 004 3</td>
</tr>
<tr>
<td>Blue</td>
<td>3000</td>
<td>205 055 005 3</td>
</tr>
<tr>
<td>Red</td>
<td>2000</td>
<td>205 055 006 3</td>
</tr>
<tr>
<td>Green</td>
<td>1000</td>
<td>205 055 007 3</td>
</tr>
<tr>
<td>Yellow</td>
<td>550</td>
<td>205 055 008 3</td>
</tr>
<tr>
<td>Grey</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Tappers

**T500 Series**

<table>
<thead>
<tr>
<th>Tapper</th>
<th>Model</th>
<th>Part Number</th>
<th>Freespeed</th>
<th>Reverse speed</th>
<th>Motor power</th>
<th>Max. tapping torque</th>
<th>Weight</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>T500-P400</td>
<td>205 147 995 4</td>
<td>450 850 2.5 0.68 M10 M12 0.64 1.4 263 10.4</td>
<td>14 30 0.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T500-P800</td>
<td>205 147 996 4</td>
<td>600 1200 2.5 0.86 M10 M12 0.64 1.4 283 10.4</td>
<td>14 30 0.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*All models: Hose int. 10 mm (3/8’’).

**OPTIONAL ACCESSORIES**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Model</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Quick Release Chuck (1 JT)</td>
<td>T500-P400</td>
<td>69883</td>
</tr>
<tr>
<td>2</td>
<td>Precision collet tap holder including collet cap. M3 to M16</td>
<td>T500-P400</td>
<td>69872</td>
</tr>
<tr>
<td>3</td>
<td>Collet capacity M3 to M7 (1/8” to 9/32”)</td>
<td>T500-P400</td>
<td>69923</td>
</tr>
</tbody>
</table>

**HOLE DEBURRING TOOL – LEVER START**

- **C27-PS**
  - 300-1000 rpm
  - 9.5 3/8
  - 0.42 0.93
  - 225 8.9
  - 7.3 15.5
  - 3/8 10 3/8

**HOLE DEBURRING TOOL – PUSH START**

- **C27-LX**
  - 18500 rpm
  - 6.41
  - 1.4
  - 287 8.9
  - 10.4 30
  - 0.3 15.5
  - 3/8 10 3/8

**RIVET SHAPER**

- **C27-LX**
  - 18500 rpm
  - 6.41
  - 1.4
  - 287 8.9
  - 15.5
  - 0.3 15.5
  - 3/8 10 3/8

**ACCESSORIES INCLUDED**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cutter cap</td>
<td>G2710</td>
</tr>
<tr>
<td>2</td>
<td>Exhaust hose (with clamp ring)</td>
<td>G2711</td>
</tr>
<tr>
<td>3</td>
<td>Cutter – carbide tipped (11.4 mm ID/7/16”)</td>
<td>G2712</td>
</tr>
<tr>
<td>4</td>
<td>Cutter guard (21.2 mm ID/7/8”)</td>
<td>G2713</td>
</tr>
<tr>
<td>5</td>
<td>Suspension Belt</td>
<td>G2714</td>
</tr>
</tbody>
</table>

**OPTIONAL ACCESSORIES**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cutter – carbide tipped 6.4 mm (1/4”)</td>
<td>R550</td>
</tr>
<tr>
<td>2</td>
<td>Cutter – carbide tipped 9.5 mm (3/8”)</td>
<td>R550</td>
</tr>
<tr>
<td>3</td>
<td>Cutter – carbide tipped 12.7 mm (15/32”)</td>
<td>R550</td>
</tr>
<tr>
<td>4</td>
<td>Cutter guard 6.4 mm (1/4”)</td>
<td>G2715</td>
</tr>
</tbody>
</table>

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Compressi9n Tools

SQUEEZERS FOR YOUR SPECIAL JAWS
DESOUTTER TEAM CAN OFFER:

- Full expertise on jaw design and FEM analysis
- Guaranteed operator safety
- Optimized weight

How to select the right tool?

1. Rivet
   - Diameter

2. Application
   - Material
   - Customer specification

3. Select tool

4. Select rivet set & shims

Jaw and Yoke Terminology:
- Rivet sets are not in place in this illustration
- Throat gap
- Jaw and Yoke Terminology
- Jaw end clearance
- Anvil work clearance
- Gap and reach figures

C-YOKE (single cylinder)
- CP0214CELEL
- CP0214FALEL
- CP0214SEEL

C-YOKE (tandem cylinder)
- CP0351HETEL
- CP0351ETEL

ALLIGATOR (single cylinder)
- CP0351HETEL
- CP0351ETEL

ALLIGATOR (tandem cylinder)
- CP0351HETEL
- CP0351ETEL

C-YOKE (pneumatic TM)
- CP0303CELEL
- CP0303FALEL
- CP0303SEEL

Capacities and Maximum Force

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>Light</th>
<th>Hard (63 HRC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP0214CELEL</td>
<td>T012344</td>
<td>3.2</td>
<td>2.8</td>
</tr>
<tr>
<td>CP0214FALEL</td>
<td>T012345</td>
<td>3.2</td>
<td>2.8</td>
</tr>
<tr>
<td>CP0214SEEL</td>
<td>T012346</td>
<td>3.2</td>
<td>2.8</td>
</tr>
</tbody>
</table>

Pressure Unit

- CP0214ENGEL
- CP0351ASGEL

- CP0214ANFEL
- CP0351ASKEL
- CP0351ESKEL

- CP0214CELEL
- CP0214FALEL
- CP0214SEEL

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Riveting Compression Tools
To develop maximum power, the riveter must drive (set) the rivet at the end of the riveter’s stroke. For maximum power the combined length of the two rivet sets must be the correct length.

**Rivet set shank (CR1/CR2)**

**SHANK DIMENSIONS FOR RIVET SETS**

For CP0214, CP0351 and CP0341 Compression Riveters

<table>
<thead>
<tr>
<th>TYPE OF RIVET SET SHANK</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR-1 (ø 4.8mm 3/16&quot;)</td>
<td>4.75-4.72</td>
<td>0.187-0.186</td>
<td>12.7</td>
<td>1/2</td>
<td>12.7</td>
<td>1/2</td>
</tr>
<tr>
<td>CR-2 (ø 6.4mm 1/4&quot;)</td>
<td>6.42-6.40</td>
<td>0.249-0.248</td>
<td>15.9</td>
<td>5/8</td>
<td>15.9</td>
<td>5/8</td>
</tr>
</tbody>
</table>

* C" dimension is for flush set only. "C" varies on cupped sets according to rivet size and type of head.

**Rivet set length calculation**

To develop maximum power, the riveter must drive (set) the rivet at the end of the riveter’s stroke. For maximum power the combined length of the two rivet sets must be the correct length.

A1 + A2 = H + M - Z

A1: Rivet set thickness (mobile jaw)
A2: Rivet set thickness (fix jaw)
H: Opening at the end of the riveting
M: Total thickness of material to be assembled
Z: Height of finished rivet head (flush)

**CUPPED SETS**

<table>
<thead>
<tr>
<th>RIVET DIAMETER</th>
<th>CR-1 SHANK RIVET SETS FOR CP0214 and CP0351 - HEAD SET</th>
<th>CR-2 SHANK RIVET SETS FOR CP0214 and CP0341 - HEAD SET</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 4.8mm 3/16&quot;</td>
<td>CR-1 SHANK RIVET SETS FOR CP0214 and CP0351 - HEAD SET</td>
<td>CR-2 SHANK RIVET SETS FOR CP0214 and CP0341 - HEAD SET</td>
</tr>
<tr>
<td>ø 6.4mm 1/4&quot;</td>
<td>CR-1 SHANK RIVET SETS FOR CP0214 and CP0351 - HEAD SET</td>
<td>CR-2 SHANK RIVET SETS FOR CP0214 and CP0341 - HEAD SET</td>
</tr>
</tbody>
</table>

**FLUSH SETS for any rivet size**

<table>
<thead>
<tr>
<th>SHANK SIZE</th>
<th>ø 4.8mm 3/16&quot;</th>
<th>ø 6.4mm 1/4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR-1</td>
<td>CR-2</td>
<td>CR-1</td>
</tr>
</tbody>
</table>

**SOFT SETS BLANKS**

<table>
<thead>
<tr>
<th>TYPE OF RIVET SET SHANK</th>
<th>A BODY LENGTH</th>
<th>B BODY DIAM.</th>
<th>PART NO.</th>
</tr>
</thead>
</table>

**RIVET SET**

<table>
<thead>
<tr>
<th>TYPE OF RIVET SET SHANK</th>
<th>SOFT SET BLANKS</th>
<th>SET LENGTH SPACER SHIMS</th>
<th>RIVET SET</th>
</tr>
</thead>
</table>

* SHIM

* Set length Spacer Shims
Compression Tools – Sheet Metal Punch

CP0351-PU
• Punching Capacity:
  ø 4.8mm (3/16") in aluminum through 4.8mm (3/16") material thickness
• Actuation throttle guard: reduces the risk of accidental operation
• Use for a wide range of punching operations where it is preferable to take the tool to the job.
  e.g. large structures such as truck trailers

Capacity:
Maximum hole ø 13mm (1/2") relative to material and thickness. Within maximum force of 24.0 kN - 5,400 lbs, material thickness should not exceed hole diameter.

To determine force required use formula: 
\[ F = 3.14 \times D \times T \times S \]
where 'F' is force (lbs); 'D' is hole diameter (in.); 'T' is thickness of material (in.); 'S' is tensile strength of material (psi) or 'F' is force (kN); 'D' is hole diameter (mm); 'T' is thickness of material (mm); 'S' is tensile strength of material (N/mm²).

Accessories supplied with tool

<table>
<thead>
<tr>
<th>HOLE SIZE IN ALUMINUM</th>
<th>PUNCH</th>
<th>DIE</th>
<th>COLLAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 4.8mm (3/16&quot;)</td>
<td>P041307</td>
<td>P041309</td>
<td></td>
</tr>
<tr>
<td>ø 5.2mm (13/64&quot;)</td>
<td>P112836</td>
<td>P112837</td>
<td></td>
</tr>
</tbody>
</table>

Compression Tools – Edge Former

CP0351-CABH-DY
• Forming Capacity (max material thickness) – 6.4mm (1/4")
• Rotary Suspension Bail fitted – eases handling and orientation of tool
• Use for a wide range of flattening of spot welded flanges and removing bends
• Custom yokes and dies can be used for crimping and staking operations
• Automatic-cycling frequency is adjustable from 1 cycle per throttle actuation to up to 200 cycles per minute whilst the throttle actuation is maintained.

Accessories supplied with tool

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>Yoke</th>
<th>Die</th>
</tr>
</thead>
<tbody>
<tr>
<td>P058567</td>
<td>P058566</td>
<td></td>
</tr>
</tbody>
</table>

How to select the right tool?

1. Rivet Light/Hard Material Diameter
2. Application accessibility
3. Operation repetitiveness Low vibration level
4. Rivet set selection

Tool range

Our range covers a wide range of applications to answer all your requirements
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Riveting Hammers

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>CP4444-1</th>
<th>CP4444</th>
<th>CP4447</th>
<th>CP4475</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessory</td>
<td>Light wire quick change retainer</td>
<td>205-533-564-3</td>
<td>A046095</td>
<td>A047095</td>
</tr>
</tbody>
</table>

Optional Accessories

- Zip quick retainer A046094
- Beehive retainer A046096
- Beehive retainer A046096
- Nail driving attachment for 20-60 penny nail size (for CP4447-RUSAB & CP4475) - P047810
- Nail driving attachment for 1/2" spikes (for CP4447-RUVAB) - P047810

Accessories

CP4444 / CP4447 / CP4450 / CP4475

- Rivet Head Cupping 2.4mm (1/8") 3.2mm (1/8") 4.8mm (5/32") 6.4mm (1/4")
- Universal P090221 P090222 P090223 P090224 P090225
- Soft Blank Set P071168 - - - -
- Hardened Blank Set P080178 - - - -

Notice: Must use Light Wire Quick-Change Retainer, A047095 with these sets.

CP4445 / CP4450

- Rivet Head Cupping 2.4mm (1/8") 3.2mm (1/8") 4.8mm (5/32") 6.4mm (1/4")
- Universal P090221 P090222 P090223 P090224 P090225
- Soft Blank Set P071168 - - - -
- Hardened Blank Set P080178 - - - -

Notice: Must use Light Wire Quick-Change Retainer, A047095 with these sets.

CP4447 / CP4475

- Rivet Head Cupping 4.8mm (5/32") 6.4mm (1/4") 6.4mm (1/4")
- Universal P090221 P090222 P090223 P090224 P090225
- Soft Blank Set P070995 - - - -
- Hardened Blank Set P080198 - - - -

Notice: Must use Light Wire Quick-Change Retainer, A047095 with these sets.

CP4444 / CP4475

- Rivet Head Cupping 6.3mm (1/4") 8.0mm (5/32")
- Universal P090221 P090222 P090223 P090224 P090225
- Soft Blank set P070995 - - - -
- Hardened blank set P080198 - - - -

Notice: Must use Light Wire Quick-Change Retainer, A047095 with these sets.

Dimensions

- CP4444 / CP4475

![Diagram of Riveting Hammers]
This range of products is dedicated to the cylindrical Monogram fasteners Cisco 3/8" (CSX and CBX types)

**How to Order?**

1. Select your fastener serie
2. Select your tool type
3. Contact your Desoutter representative with
   - Nose name
   - Tool type

### How to Order?

- Noise level: 73 dB(A)
- Vibration level <2.5 m/s²

### Tool definition SCBP 043-T1100

- SDP series
- SCP series
- SD series
- Elit series
- E-LIT angle head

- SCBP series
- SDT series
- SC series
Solutions for tightening

Desoutter offers a wide range of solutions to cover all your tightening requirements. Our dedicated project team will bring you the level of expertise you need to optimize your production process. They will support you at each step of your project, from analyzing your application, offering the right technical solution, up to the tools delivery, on-site installation and operator’s training.

For all the fasteners most widely used in the aerospace, Desoutter is your partner.

How to select the right tool

1. Select your fastener
2. Select your ergonomy
3. Select your power
4. Select your head type
5. Define with your local Desoutter representative your head dimensions

Shearing applications: frangible collars and double-hex

<table>
<thead>
<tr>
<th>PISTOL</th>
<th>ANGLE HEAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOOL</td>
<td>HEAD</td>
</tr>
<tr>
<td>SDP RANGE</td>
<td>SD RANGE</td>
</tr>
<tr>
<td>ELS RANGE</td>
<td>ELS RANGE</td>
</tr>
</tbody>
</table>

Torque applications

<table>
<thead>
<tr>
<th>PISTOL</th>
<th>ANGLE HEAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOOL</td>
<td>HEAD</td>
</tr>
<tr>
<td>SDP RANGE</td>
<td>SD RANGE</td>
</tr>
<tr>
<td>ELS RANGE</td>
<td>ELS RANGE</td>
</tr>
</tbody>
</table>

*EAB/EPB Range: the right tool for each of your requirements

**EAB/EPB:**
- Our stand-alone B-flex for high precision and swiftness of use, see pages 59-60
- Advanced version of our standalone tool: 6 tightening cycles as well as angle strategies, see pages 59-60
- Benefit from the best tightening technology in a battery tool: full traceability, assembly process management, all tightening strategies, see pages 63-64
- Several accessories for 1 tool: increases flexibility in your factory, reduces the number of tools and associated maintenance costs
E-LIT Series - Optimize your performance

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FOCUS

• High accuracy clutch
• Brushless motor
• Non-contact trigger
• 45° oriented battery
• 2 positions

Clear feedback
Ergonomic handle
Lithium-ion battery

Focus on the E-LIT Series

3 MODELS TO CHOOSE FROM

<table>
<thead>
<tr>
<th>E-LIT PLUS</th>
<th>BRUSHLESS MOTOR</th>
<th>LI-ION BATTERY</th>
<th>E-LIT CONFIG SOFTWARE</th>
<th>SPEED MODULE</th>
<th>E-LIT BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kit (ELB)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Kit (ELS)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Kit (ELC)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

E-LIT CONFIG software

Manage your E-LIT tools
- Save your E-LIT tool setting
- Use your own tool ID
- Upload saved setting on new tools
- Go further on the setting possibility

To optimize your assembly process:
• Decrease final speed to ensure tightening quality
• Avoid quality defects in your final product
• Decrease starting speed to facilitate bolt engagement

Tool management device

Speed setting

For ELS and ELC models

E-LIT Series - Clutch Battery Tool range

High accuracy clutch

Brushless motor

Non-contact trigger

45° oriented battery

2 positions

E-LIT Plus
- Electronic Brushless (ELB)
- Pistol and Angle

E-LIT Premium
- Electronic Brushless Speed Control (ELS)
- Pistol and Angle

E-LIT Wireless Communication with E-LIT Box (ELC)
- Pistol and Angle

Everything needed to optimize your assembly process

Guarantee quality and keep high productivity

Hope this information helps! Let me know if you need anything else. 😊
E-LIT Series

0.4 to 45 Nm (3.5 to 398 in.lbf) - 50 to 1550 rpm

Battery not included in standard offering

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E-LIT Series

OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PSHTL</th>
<th>ANGLE</th>
<th>HEAD 18V</th>
<th>ANGLE</th>
<th>HEAD 55V</th>
<th>ELC TOOLS</th>
<th>PART NO.</th>
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Desoutter Tool Holsters

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Desoutter Accessories

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B-FLEX: performance and flexibility

- 36 Volt, long life Li-ion battery technology
- Password protection
- PC Free for Pset setting
- Torque transducer accuracy
- Patented non contact and effort trigger
- Wide range from 5 up to 35 Nm
- 2 battery positions for the highest ergonomics
- 4 colors reporting Led
- Compatible 18V / 36V Battery for pistol tools
- Long life, spiral cut bevel gears
- Wide range from 1.5 to 17 Nm

FOCUS

- Ergostop technology to avoid RSI (Repetitive Strain Injury)
- Perfectly balanced grip design
- Rebalancing with the two different battery positions
- Operator comfort
- Smart embedded HMI on tool
- High resolution transducer
- New motor dedicated to battery tools: high speed, high torque, low temperature

B-FLEX ADVANCED (Standard features +)

- Error proof your standard tightenings (up to 10 000 on Analyzer)
- Full data collection
- Easy setting
- Battery level
- Data to collect
- Password protection
- USB cable included
- No PC needed

B-FLEX: Ergonomics and Control

- Direct feedback for the operator
- Torque and Angle tightening result
- Torque control tightening strategy
- Password protection
- Program setting
- Results
- Ergostop
- Battery level
- Data to collect
- USB cable included

KEY POINTS

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<th>BEST ERGONOMICS</th>
<th>HIGH TECHNOLOGY</th>
<th>QUALITY CONTROL</th>
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<td>Ergostop technology to avoid RSI (Repetitive Strain Injury)</td>
<td>Smart embedded HMI on tool</td>
<td>Direct feedback for the operator</td>
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<tr>
<td>Perfectly balanced grip design</td>
<td>High resolution transducer</td>
<td>Visible tightening results on tool HMI</td>
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<tr>
<td>Rebalancing with the two different battery positions</td>
<td>New motor dedicated to battery tools: high speed, high torque, low temperature</td>
<td>Torque control and angle monitoring</td>
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6 Pset

6 TOOLS in 1 B-FLEX

Angle Strategy

Full data collection

USB cable included
To Buy Desoutter Products Online visit AirToolPro.com

B-FLEX Series - Pistol grip

1.5 to 17 Nm (1.1 to 12.5 ft.lb) - 10 to 1800 rpm

B-FLEX Series - Angle head

5 to 280 Nm (3.7 to 206.6 ft.lb) - 10 to 900 rpm

B-FLEX - TRANSUCERIZED BATTERY TOOL

- EAB 15-500 615 165 731 0 1/4 5 13 15 3.7 9.6 11 900 1.55 3.42 36
- A EAB 26-500 615 165 732 0 3/8 6 24 36 3.7 18 19 960 1.65 3.64 36
- A EAB 32-410 615 165 733 0 3/8 7 30 40 5.2 22 24 410 1.66 3.64 36
- B EAB 40-330 615 165 734 0 3/8 9 45 45 6.6 30 33 330 1.76 3.88 36
- B EAB 50-400 615 165 735 0 3/8 9 45 50 6.6 33 37 450 2.04 4.00 36
- B EAB 60-370 615 165 736 0 1/2 10 55 60 7.4 41 44 370 2.35 5.18 36
- C EAB 79-100 615 165 737 0 1/2 12 70 75 8.8 52 55 300 2.94 6.49 36
- C EAB 85-200 615 165 738 0 1/2 19 90 95 14 66 70 240 2.98 6.57 36
- D EAB 170-110 - 1/2 60 150 170 44.3 110.6 125.4 110 3.3 7.4 36
- D EAB 280-60 - 3/4 110 260 280 73.8 191.8 206.6 60 4.0 8.1 36

B-FLEX - ADVANCED

- EBA41-900 615 165 961 0 1/4 5 13 15 3.7 9.6 11 900 1.55 3.42 36
- A EBA42-900 615 165 962 0 3/8 6 24 36 3.7 18 19 960 1.65 3.64 36
- A EBA43-310 615 165 963 0 3/8 7 30 40 5.2 22 24 410 1.66 3.64 36
- B EBA44-330 615 165 964 0 3/8 9 45 45 6.6 30 33 330 1.76 3.88 36
- B EBA49-450 615 165 965 0 3/8 9 45 50 6.6 33 37 450 2.04 4.00 36
- B EBA48-370 615 165 966 0 1/2 10 55 60 7.4 41 44 370 2.35 5.18 36
- C EBA75-300 615 165 967 0 1/2 12 70 75 8.8 52 55 300 2.94 6.49 36
- C EBA95-240 615 165 968 0 1/2 19 90 95 14 66 70 240 2.98 6.57 36
- D EBA170-110 - 1/2 60 150 170 44.3 110.6 125.4 110 3.3 7.4 36
- D EBA280-60 - 3/4 110 260 280 73.8 191.8 206.6 60 4.0 8.1 36

Battery not included in standard offering

• Battery: 18V; 2.1Ah - Weight: 0.35kg (0.77lb)
• Battery: 36V; 2.1Ah - Weight: 0.60kg (1.32lb)

* Battery not included in standard offering

* Battery: 36V; 2.1Ah - Weight: 0.60 kg
Our quick release solution will answer your most demanding tightening requirements in terms of traceability, process quality and efficiency.

Crowfoot types
- 90° crowfoot
- All dimensions
- HI-LOK® and HI-LITE® fastener nose
- Torq-set® bits
- Torx® bits
- Hex/12 points sockets
- Temporary fastener nose piece

Advanced tightening
- Poka Yoke torque selection
- Data collection
- Advanced tightening strategies

EPB / EAB

**ACCESSORIES INCLUDED**

- Pistol protective cover - Red
  615 211 022 0

**OPTIONAL ACCESSORIES**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>EAB/EABA</th>
<th>EPB/EBA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Battery type</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Li-ion Battery 18V 2.1 Ah - 0.35 kg (0.77lb)</td>
<td>615 812 099 0</td>
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<tr>
<td>2</td>
<td>Li-ion Battery 18V 4.2 Ah - 0.85 kg (1.88lb)</td>
<td>615 812 100 0</td>
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<tr>
<td>3</td>
<td>Li-ion Battery 36V 2.1 Ah - 0.85 kg (1.87lb)</td>
<td>615 811 024 0</td>
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<tr>
<td><strong>Charger</strong></td>
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<tr>
<td>4</td>
<td>For Li-ion Battery 18 / 36V - 100 / 240V</td>
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| **Protective covers - Tools** | |
| 5 | For Angle head EAB 15 | 615 211 003 0 |
| 6 | For Angle head EAB 26/32 | 615 211 004 0 |
| 7 | For Angle head EAB 60 | 615 211 005 0 |
| 8 | For Angle head EAB 75/95 | 615 211 006 0 |

| **Protective covers - Battery** | |
| 9 | For Battery 18V 2.1Ah - Clear | 615 396 071 0 |
| 10 | For Battery 18V 2.1Ah - Black | 615 211 041 0 |
| 11 | For Battery 18V 2.1Ah - Blue | 615 211 042 0 |
| 12 | For Battery 18V 2.1Ah - Red | 615 211 043 0 |
| 13 | For Battery 18V 2.1Ah - Grey | 615 211 044 0 |
| 14 | For Battery 18V 4.2Ah / 36V 2.1Ah - Clear | 615 396 072 0 |
| 15 | For Battery 18V 4.2Ah / 36V 2.1Ah - Black | 615 211 045 0 |
| 16 | For Battery 18V 4.2Ah / 36V 2.1Ah - Blue | 615 211 046 0 |
| 17 | For Battery 18V 4.2Ah / 36V 2.1Ah - Red | 615 211 047 0 |
| 18 | For Battery 18V 4.2Ah / 36V 2.1Ah - Grey | 615 211 049 0 |

| **Miscellaneous** | |
| 19 | Nose crowfoot adapter for EPB | 615 585 519 0 |
| 20 | EPB / EAB | |
| 21 | Desoutter Tool holster | 615 211 022 0 |

**TOOL TYPE**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>SQUARE DRIVE</th>
<th>MIN.</th>
<th>RECOMMENDED</th>
<th>MAX.</th>
<th>MIN.</th>
<th>RECOMMENDED</th>
<th>MAX.</th>
<th>ROTATIONAL</th>
<th>WEIGHT</th>
<th>VOLTAGE</th>
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<tr>
<td>EABC 15-90**</td>
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<tr>
<td>EABC 26-500</td>
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<td>25</td>
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<td>18</td>
<td>19</td>
<td>560</td>
<td>1.88</td>
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<tr>
<td>EABC 45-330</td>
<td>615 165 844 0</td>
<td>3/8</td>
<td>9</td>
<td>40</td>
<td>45</td>
<td>6.6</td>
<td>30</td>
<td>33</td>
<td>320</td>
<td>1.76</td>
<td>3.28</td>
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<tr>
<td>EABC 95-240</td>
<td>615 165 848 0</td>
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<td>19</td>
<td>90</td>
<td>95</td>
<td>14</td>
<td>66</td>
<td>70</td>
<td>240</td>
<td>2.06</td>
<td>6.57</td>
</tr>
</tbody>
</table>

*Hold & Drive not available  
HI-LOK® and HI-LITE® are registered trademarks of Hi-Shear Corp.
EPBcom Series

1.5 to 17 Nm (1.1 to 12.5 ft.lb) - 10 to 1800 rpm

Wireless transducerized battery tool

- Low weight tools
- Effortless trigger
- 45° oriented battery (angle version)
- Slim angle head for tight areas access
- Long life batteries, no memory effect on Li-ion battery
- Dust & oil proof trigger
- Common spare parts with all CVI3 range
- Quick wireless installation - Directly on an existing CVI3 controller
- Data collection through wireless communication
- Improve error-proofing control with advanced tightening strategies
- Easy attachment for crowfoot & tubenuts
- High speed tool and increased autonomy with 36V battery & 2.1 Ah capacity
- Embedded display for pset selection
- Strong & efficient wireless communication, tested in industrial environment

**Selectable Torque Range (Nm):**
- EPBcom 8-1000: 1.5 - 7
- EPBcom 14-900: 4 - 12
- EPBcom 17-700: 7 - 15

**Sharing Mode:**
- 4 colors reporting
- LED

**Configurable Button**

**Long Life Batteries:**
- No memory effect on Li-ion battery

**Easy Maintenance:**
- Common spare parts with all CVI3 range

**Accessories:**
- See page 65

**Battery Specifications:**
- Battery 18V, 2.1 Ah: 0.35 kg (0.77lb) / 18V, 4.2 Ah & 36V, 2.1Ah: 0.60 kg (1.32lb)

**Specifications Table:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>L</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<td>EPBcom 14-900-10S</td>
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<td>EPBcom 17-700-4Q</td>
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<td>EPBcom 17-700-10S</td>
<td>615 165 902 0</td>
<td>Sq.3/8</td>
<td>7</td>
<td>15</td>
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</tbody>
</table>

**Battery Compatibility:**
- 18V / 36 Volt
- 2 battery positions for the highest ergonomics
**Battery**

- **18V Battery**: Li-ion, 4.2 Ah - 0.60 kg (1.32 lb)
- **36V Battery**: Li-ion, 2.1 Ah - 0.60 kg (1.32 lb)

**Charger**

- For 18V Battery: 18V, 0.60 kg (1.32 lb)
- For 36V Battery: 36V, 2.1 Ah - 0.60 kg (1.32 lb)

**Protective covers - Tools**

- For Angle head EAB 15
- For Angle head EAB 45/60
- For Angle head EAB 60
- For Angle head EAB 75/90

**Protective covers - Battery**

- For Battery 18V: 18V, 0.60 kg (1.32 lb)
- For Battery 24V: 24V, 0.60 kg (1.32 lb)

**Mindless**

- Nose crowfoot adapter for EBP.
- eDOCK
- Barcode reader for EBP.
- Access point WiFi 802.11N-US
- Access point WiFi 802.11N-EU
- USB port
- Side handle

**Desoutter Tool holder**

- 12TH TWIN (single) without rail
- 12TH TWIN rail kit with 2 Twin holders
- 12TH TWIN stand with 2 Twin holders
- 12TH 90

**EPBcom / EABcom**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>EPBcom</th>
<th>EABcom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery type</td>
<td></td>
<td></td>
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<tr>
<td>1</td>
<td>18V Battery</td>
<td>0.60 kg (1.32 lb)</td>
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<tr>
<td>2</td>
<td>18V Battery</td>
<td>0.60 kg (1.32 lb)</td>
</tr>
<tr>
<td>3</td>
<td>36V Battery</td>
<td>0.60 kg (1.32 lb)</td>
</tr>
<tr>
<td>Charger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>18V Battery</td>
<td>0.60 kg (1.32 lb)</td>
</tr>
</tbody>
</table>

**MISCELLANEOUS**

- Protective covers - Tools
- Protective covers - Battery
- Miscellaneous
- Desoutter Tool holder

---

**EABcom Series**

- 5 to 280 Nm (3.7 to 206.6 ft.lb) - 10 to 900 rpm

---

**EPBcom - TRANSDUCERIZED BATTERY TOOL**

<table>
<thead>
<tr>
<th>PC REF</th>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>SQUARE DRIVE</th>
<th>MIN.</th>
<th>REC. RECOMMENDED</th>
<th>MAX.</th>
<th>REC. RECOMMENDED</th>
<th>MAX.</th>
<th>ROTATIONAL SPEED</th>
<th>WEIGHT WITHOUT BATTERY</th>
<th>VOLTS</th>
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<td>3/8</td>
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<td>615 165 942 0</td>
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<td>24</td>
<td>26</td>
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<td>300</td>
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<td>F</td>
<td>EABC95-240</td>
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<td>95</td>
<td>14</td>
<td>66</td>
<td>70</td>
<td>240</td>
<td>2.96</td>
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<td>EABC170-110</td>
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<td>170</td>
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<td>170</td>
<td>44.3</td>
<td>110.6</td>
<td>125.4</td>
<td>110</td>
<td>3.3</td>
</tr>
</tbody>
</table>

**Accessories**

- Protective covers - Tools
- Protective covers - Battery
- Miscellaneous
- Desoutter Tool holder

---

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Brought to you by Zampini Industrial Group - Factory Authorized Distribution Since 1987 - 1-800-353-4676

Technical features

- Color touchscreen
- Barcode reading (standard and 2D)
- USB ports (2 + 1 front)
- Fieldbus dynamic memory mapping

Controllers

- Ethernet port dedicated to CVI Config software
- USB port for USB key (access level control and data download)
- ePOD port
- 2 USB ports
- Auto-Sensing Voltage 110-240V
- ID connector (M8)
- QP Circuit breaker (Earth fault & over current protection)
- Plug&Play Field bus card port
- RS232 port
- eUSB port (Bus dedicated to Error Proofing)
- USB port
- eBUS port
- 8 pin female Fieldbus connector

CVI3 Function

- Report LEDs (yellow, green, red)
- 122 x 32 full graphic display
- 5.7” touch screen
- 6 buttons Keypad
- On / Off switch
- Dedicated CVI/PC Ethernet port
- 1 USB port

CVIMONITOR included with controller: License free remote software for realtime monitoring of results, curves, IO status, Fieldbus diagnostic, calibration & maintenance indicators

Power Cord

- To be ordered with the controller

Optional Accessories

- CVIKEY (access level management on USB key)
- Upgrade from CVI NET to CVINET Web 1, 2, 5, 10, 25, 50, 100 users
- CVI ANALYZER – 1 user
- CVI ANALYZER – 5 users
- CVI ANALYZER – 25 users
- CVI ANALYZER – 50 users
- CVI ANALYZER – 100 users
- CVNET Web – 1 cont.
- CVNET Web – 10 cont.
- CVNET Web – 20 cont.
- CVNET Web – 50 cont.
- CVNET Web – 100 cont.
- CVNET Web – 200 cont.
- CVNET Web – 1000 cont.
- Upgrade from CVI NET to CVINET WEB 1 cont.
- Upgrade from CVI NET to CVINET WEB 50 cont.
- Upgrade from CVI NET to CVINET WEB 100 cont.
- Upgrade from CVI NET to CVINET WEB 200 cont.
- CVNET (access level management on USB key)

Connectivity

- Configurable I/O
- USB ports (2 + 1 front)
- Embedded Ethernet switch (4 ports + 1 front – 2 networks)
- Dedicated Bus for up to 15 accessories in daisy chain

Optional Fieldbus

- Plug&Play Fieldbus card port (EtherCAT, Profinet A/B, Modbus TCP, DeviceNet, Profinet, CC-Link)
- Fieldbus dynamic memory mapping

Features

- Weight (lbs) (lbs)
- Volume (cubic ft)
- Color touchscreen
- USB port for USB key (access level control and data download)
- ePOD port
- 2 USB ports
- Auto-Sensing Voltage 110-240V
- ID connector (M8)
- QP Circuit breaker (Earth fault & over current protection)
- Plug&Play Field bus card port
- RS232 port
- eUSB port (Bus dedicated to Error Proofing)
- USB port
- eBUS port
- 8 pin female Fieldbus connector

Storage

- Past results (torque, angle, date, time, report)
- Past results (torque, angle, date, time, report)
- Past curves (DXPKM)
- Assembly Process results
- Event log storage (number of events)

Basic Functions

- Nbr of Pieces
- Nbr of steps per Piece
- Barcode reading (standard and 2D)
- Learning mode
- Quick Pset
- Tubing release

Advanced Functions

- Access Level Control Management with unlimited profiles
- ID input to select Assembly Process (up to 4 different identifiers)
- Number of Assembly Process
- Advanced Soft PLC (in option with CVI/LOD/CVIMONITOR)
- 1 Network/Fieldbus Access point per group of up to 14 controllers
- Full synchronized control for a group of up to 14 controllers (static/dynamic)

Monitoring strategies

- Controlling torque, angle, torque, OFF angle, angle AND angle, yield point, torque rate
- *Monitoring: yield point, torque rate, 2nd torque, 2nd angle, 3rd part angle, current, slip off, stick slip

Connectivity

- Configurable I/O
- USB ports (2 + 1 front)
- Embedded Ethernet switch (4 ports + 1 front – 2 networks)
- Dedicated Bus for up to 15 accessories in daisy chain

Optional Fieldbus

- Plug&Play Fieldbus card port (EtherCAT, Profinet A/B, Modbus TCP, DeviceNet, Profinet, CC-Link)
- Fieldbus dynamic memory mapping
## Accessories

### Angle head electric nutrunners - CVI3

3 to 105 Nm (2.2 to 77.4 ft.lb) - 500 to 1300 rpm

<table>
<thead>
<tr>
<th>MODEL</th>
<th>h</th>
<th>H</th>
<th>ØA</th>
<th>ØB</th>
<th>ØC</th>
<th>ØD</th>
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<td>58</td>
<td>2.28</td>
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</tbody>
</table>

### EXTENSION CABLE FOR EAD - EID TOOLS

| PART NO. | Ext. cable 8m (26.2ft) | 615 917 581 0 |
| Ext. cable 16m (52.5ft) | 615 917 584 0 |
| Ext. cable 32m (105ft) | 615 917 587 0 |
| Ext. cable 50m (164ft) | 615 917 589 0 |

### eBUS CABLE

| PART NO. | eBUS cable 1m (3.3ft) | 615 917 621 0 |
| eBUS cable 3m (9.9ft) | 615 917 622 0 |
| eBUS cable 5m (16.4ft) | 615 917 623 0 |
| eBUS cable 10m (32.8ft) | 615 917 624 0 |
| eBUS Termination plug | 615 917 625 0 |

### CABLE FOR EAD & EID TOOLS

| PART NO. | Tool cable 2m (6.6ft) | 615 917 601 0 |
| Tool cable 5m (16.4ft) | 615 917 602 0 |
| Tool cable 10m (32.8ft) | 615 917 604 0 |
| Tool cable 15m (49.2ft) | 615 917 605 0 |
| Tool cable 25m (82.0ft) | 615 917 631 0 |
| Tool cable 50m (164ft) | 615 917 632 0 |

### eBUS Cable

| PART NO. | eBUS cable 1m (3.3ft) | 615 917 621 0 |
| eBUS cable 3m (9.9ft) | 615 917 622 0 |
| eBUS cable 5m (16.4ft) | 615 917 623 0 |
| eBUS cable 10m (32.8ft) | 615 917 624 0 |
| eBUS Termination plug | 615 917 625 0 |

## Angle head electric nutrunners - CVI3

35 to 660 Nm (26 to 487 ft.lb) - 160 to 430 rpm

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>SQUARE DRIVE</th>
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<th>ROTATIONAL SPEED</th>
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<td>430</td>
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<td>130</td>
<td>160 38.0 17.6 24.3</td>
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</table>

## CABLE FOR EAD & EID TOOLS

| PART NO. | Tool cable 2m (6.6ft) | 615 917 601 0 |
| Tool cable 5m (16.4ft) | 615 917 602 0 |
| Tool cable 10m (32.8ft) | 615 917 604 0 |
| Tool cable 15m (49.2ft) | 615 917 605 0 |
| Tool cable 25m (82.0ft) | 615 917 631 0 |
| Tool cable 50m (164ft) | 615 917 632 0 |

## ACCESSORIES

- see page71

---

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Brought to you by Zampini Industrial Group - Factory Authorized Distribution Since 1987 - 1-800-353-4676
In-line electric nutrunners - CV13

3 to 75 Nm (2.2 to 57.5 ft.lb) - 800 to 1200 rpm

In-line electric nutrunners - CV13

20 to 270 Nm (15 to 199 ft.lb) - 410 to 670 rpm
## ACCESSORIES

See page 75

### ACCESSORIES

**PIC**: PIC

**REF**: REF

**MODEL**: MODEL

**PART NUMBER**: PART NUMBER

**BOLT**: BOLT

**FREE SPEED**: FREE SPEED

**DRIVE**: DRIVE

**TORQUE**: TORQUE

**LENGTH**: LENGTH

**WEIGHT**: WEIGHT

**AIR FLOW**: AIR FLOW

**AIR INLET**: AIR INLET

**HOSE INLET**: HOSE INLET

**FREE SPEED**: FREE SPEED

**SQUARE**: SQUARE

**DRIVE**: DRIVE

**TORQUE**: TORQUE

**LENGTH**: LENGTH

**WEIGHT**: WEIGHT

**AIR FLOW**: AIR FLOW

**AIR INLET**: AIR INLET

**HOSE INLET**: HOSE INLET

### TWO WAY

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<td>22-61.9</td>
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<td>305</td>
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### FAS3000 (optional): PLC External control

OK / NOX reporting Batch count

### MODEL ANGLE HEAD DIMENSIONS

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<tr>
<th>ØA</th>
<th>ØB</th>
<th>H</th>
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<td>SH2000</td>
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### DURABILITY

- Low frequency maintenance
- Quick service time

### ERGONOMY

- Low reaction force on hard joint

### QUALITY

- High accuracy with immediate shut off
- Improve your process quality with FAS3000

### PRODUCTIVITY

- High speed with joint stiffness capability

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**SH range - Angle head - Shut off**

0.4 to 27 Nm (3.5 to 239 in.lb) - 170 to 2200 rpm

2.5 to 200 Nm (22.1 to 1770 in.lb) - 80 to 1100 rpm

**옵션**: Reaction bar for SH850/1200/2000

**PRODUCTIVITY**
- High speed with joint stiffness capability

**QUALITY**
- High accuracy with immediate shut off
- Improve your process quality with FAS3000

**ERGONOMY**
- Low reaction force on hard joint

**DURABILITY**
- Low frequency maintenance
- Quick service time

**ERGONOMY**
- Low reaction force on hard joint

**PRODUCTIVITY**
- High speed with joint stiffness capability

**QUALITY**
- High accuracy with immediate shut off
- Improve your process quality with FAS3000

**ERGONOMY**
- Low reaction force on hard joint

**DURABILITY**
- Low frequency maintenance
- Quick service time
# Types D and E, Top air inlet

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<th>Model</th>
<th>TOP</th>
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<th>INT. Ø</th>
<th>HOSE</th>
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## 0.4 to 16 Nm (3.5 to 142 in.lb) - 180 to 3500 rpm

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<th>Nm (in.Ib)</th>
<th>kg (lb)</th>
<th>Nl/s</th>
<th>cfm (in.mm)</th>
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<tr>
<td>3</td>
<td>205 091 420 3</td>
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<td>4</td>
<td>205 090 235 4</td>
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## OPTIONAL ACCESSORIES

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## OPTIONAL ACCESSORIES

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<th>ITEM</th>
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<td>205 090 235 4</td>
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## PISTOL GRIP

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</table>
375 Watts (0.5 hp) - 20000 to 40000 rpm

Die Grinders

44 & 100 Watts (0.06 & 0.13 hp) - 60000 & 100000 rpm

Routers

375 Watts (0.5 hp) - 20000 to 40000 rpm

PENCIL DIE GRINDERS

A KC1600-T 615 170 313 0
B KC1600 615 170 315 0

TURBINE GRINDER

C KC061000 205 146 638 4

600 & 900 W (0.8 & 1.21 hp) - CNOMO OR SERIE 200 COLLET

600 & 900 W (0.8 & 1.21 hp) - CNOMO OR SERIE 200 COLLET

Dimensions

KC1600-KC1600-T

KC061000

Accessories

ACCESSORIES INCLUDED

KC1600

KC061000

OPTIONAL ACCESSORIES

KC1600 / KC1600-T

KC061000

OPTIONAL ACCESSORIES

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Caution: comply with the speed recommended by component and abrasive manufacturers

If you need a complete tool use the KC624-9RT (24000 rpm) Part No. 615 170 290 0

If you need a specific speed or a higher power:
Select the motor, the speed of your choice below then add the routing kit.

For example:
Tool with Series 200 collet - 900 W - 22000 rpm (KC922-9) + routing kit
Order 615 170 160 0 + 615 396 289 0

Dimensions

Accessories

Machined routing kit for burr, max. ø 6.4mm (1/4”)
Blank routing kit allowing you to adapt the blank to fit the application

OPTIONAL ACCESSORIES

KC3.. KC6../KC9..

KC3.. KC6../KC9..

PIC REF MODEL PART NUMBER FREE SPEED COLLET MAX POWER WEIGHT AIR CONSUMPTION AIR INLET HOSE INT. Ø

KC340-7 615 396 069 0 615 396 070 0 A 40 375 0.5 7.5 16.0 10.0 21 615 170 032 0 - +
KC331-7 615 396 069 0 615 396 070 0 A 31 375 0.5 4.5 9.5 9.5 20 615 170 031 0 - +
KC325-7 615 396 069 0 615 396 070 0 A 25 375 0.5 3.5 7.5 9.5 17 615 170 030 0 - +
KC320-7 615 396 069 0 615 396 070 0 A 20 375 0.5 2.5 5.0 8.0 17 615 170 029 0 - +
KC628- 615 396 289 0 - B 28 600 0.80 7.5 16.0 10.0 21 615 170 126 0 615 170 158 0 +
KC624- 615 396 289 0 - B 24 600 0.80 4.5 9.5 9.5 20 615 170 125 0 615 170 159 0 +
KC922- 615 396 289 0 - B 22 900 1.21 3.5 7.5 9.5 20 615 170 130 0 615 170 160 0 +
KC918- 615 396 289 0 - B 19 900 0.80 2.5 5.0 8.0 17 615 170 124 0 615 170 161 0 +
KC915- 615 396 289 0 - B 18 900 0.80 2.5 5.0 8.0 17 615 170 120 0 615 170 162 0 +
KC912- 615 396 289 0 - B 15 900 0.80 2.5 5.0 8.0 17 615 170 120 0 615 170 162 0 +
KC910- 615 396 289 0 - B 12 900 0.80 2.5 5.0 8.0 17 615 170 120 0 615 170 162 0 +

If you need a complete tool use the KC5244-BRT (24000 rpm) Part No. 615 170 280 0

If you need a specific speed or a higher power:
Select the motor, the speed of your choice below then add the routing kit.

For example: Tool with Series 200 collet, 600 W - 22000 rpm (KC5244) + routing kit
Order 615 170 160 0 + 615 396 289 0

PIC REF MODEL PART NUMBER FREE SPEED COLLET MAX POWER WEIGHT AIR CONSUMPTION AIR INLET HOSE INT. Ø

KC1600-T 615 170 313 0 60000 3.00 100 0.13 0.15 0.33 4.9 10.4 1/4 BSP 3 1/2
KC1600 615 170 315 0 60000 3.00 100 0.13 0.15 0.33 4.9 10.4 1/4 BSP 4 1/4

KC061000 205 146 638 4 100000 3.00 44 0.06 0.24 0.53 8.5 18.0 1/4 5 3/16

KC1600 / KC1600-T

KC061000

OPTIONAL ACCESSORIES

KC1600-T

KC061000

OPTIONAL ACCESSORIES
Caution: comply with the speed recommended by component and abrasive manufacturers

STRAIGHT GRINDERS - 600 & 900 W (0.8 & 1.21 hp)

STRAIGHT GRINDERS - 375 W (0.5 hp)

ANGLE GRINDERS - 300 & 375 W (0.4 & 0.5 hp)

ANGLE GRINDERS - 600 & 900 W (0.8 & 1.21 hp)

OPTIONAL ACCESSORIES

K6...-7 / K9...-7 / KC6...-7 / KC9...-7

OPTIONAL ACCESSORIES

K3...-7 / KC3...-7 / K3A...-7 / K6...-7 / KC6...-7 / KC9...-7
**STRAIGHT GRINDERS - 600 & 900 W (0.8 & 1.21 hp)**

**ANGLE GRINDERS - 375 & 600 W (0.5 & 0.8 hp)**

**STRAIGHT GRINDERS - 375 W (0.5 hp)**

**ANGLE GRINDERS - 375 & 600 W (0.5 & 0.8 hp)**

**STRAIGHT GRINDERS - 600 & 900 W (0.8 & 1.21 hp)**

**DIMENSIONS & ACCESSORIES**

**ACCESSORIES INCLUDED**

- Series 300 resilient collet, ø 7.2 to 8mm
- Serie 300 resilient collet, ø 5.55 to 6.35mm (1/4”)
- Serie 300 resilient collet, ø 3.16 to 3.96mm
- Serie 300 resilient collet, ø 2.4 to 3.2mm (1/8”)
- Complete silencer kit
- Complete silencer kit
- Reinforced cloth-lined exhaust hose L=0.75m (30”)
- Exhaust hose L=0.75m (30”) for KA3...
- Oil filter (capacity 25g -0.9 oz)
- Oil filter for model 17 kg - 22 lb

**OPTIONAL ACCESSORIES**

- Series 300 resilient collet, ø 4 to 5.5mm (5/32”)
- Series 300 resilient collet, ø 3.18 to 4mm (1/8”)
- Complete silencer kit
- Complete silencer kit
- Oil filter (capacity 25g -0.9 oz)
- Oil filter for model 17 kg - 22 lb

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**Collet Grinders - Series 200 Erickson**

375 to 900 Watts (0.5 to 1.21 hp) - 9000 to 4000 rpm

---

**STRAIGHT GRINDERS - 600 & 900 W (0.8 & 1.21 hp)**

- **STRAIGHT GRINDERS - 375 W (0.5 hp)**
  - **STRAIGHT GRINDERS - 600 & 900 W (0.8 & 1.21 hp)**
To Buy Desoutter Products Online visit AirToolPro.com

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Angle Sanders

ø 76mm (3") - ø 100mm (4") - ø 127mm (5") - ø 150mm (6") - ø 180mm (7")

Supplied with 1/4", 3/8", 5/8" or M14 threaded spindle only

Caution: comply with the speed recommended by component and abrasive manufacturers

FOR USA MARKET only (to ANSI B186.1)

Sanding with standard abrasive disc ø 127mm (5")
A Sanding kit for abrasive disc (including items 2-3)
B Finger guard
C Vertical boring bushing
D Hex key, 8mm (5/16")
E 3/8" air hose nipple
F 1/4" air hose nipple
G Complete kits ø 127mm (5")

Sanding with semi-rigid disc ø 127mm (5")
B Sanding kit for semi-rigid discs (including items 2-3)
C Finger guard
D Backing pad with nut M14 (max. 12000rpm)
E Pin wrench, 35mm (1-3/8")
F Hex key, 8mm (5/16")
G Complete kit ø 127mm (5")

Sanding
5 Soft backing pad with nut M14 & 5/8" ø 180mm (7") (max. 8500rpm)
6 Sharp backing pad with nut M14 & 5/8" ø 180mm (7") (max. 8500rpm)
7 Pin wrench, 35mm (1-3/8")
8 Spindle nut with nut 5/8" ø 180mm (7")
9 Spindle nut with nut 5/8" ø 180mm (7") (max. 10000rpm)

OTHER OPTIONAL ACCESSORIES

K AKA16085/075/060A
KA16120A KKA16120A
KA16120B KKA16120B
KA16135C4S KKA16135C4S
KA16135C4S KKA16135C4S

KA3 KA16
9 Semi-hard backing pad with nut M14 & 5/8" - ø 127mm (5") (max. 12000rpm)
10 Excenter sanding head for 1" pad for KA309C
11 Complete sander set
12 Complete sander set
13 Slatcr
14 Reinforced cloth-lined exhaust hose L=0.75m
15 Vacuum-cleaning side handle
16 Clipable silencer
17 Clipable silencer
18 Grease gun (capacity 240 - 90 ml)

Dimensions

• Exhaust hose
• 1/4" air hose nipple
• 3/8" air hose nipple
• Finger guard
• Flat wrench, 17mm (11/16")
• Vibration-damping side handle
• Flange for KA16135C4S
• Backing pad with nut for KA16135C4S
• Pin wrench, 20-3mm for KA16135C4S
• Flat wrench, 11mm (7/16")
**Dust Extraction Systems for angle grinders and sanders**

 ø 127mm (5") - ø 180mm (7")

**Cutting Ø 127mm (5") & Ø 180mm (7") - M14 & 5/8" Output**

- **Cutting Ø 127mm (5")**
  - M14 Output
  - 615 170 435 0 + 615 397 828 0 or 615 397 829 0
- **Cutting Ø 127mm (5") - 5/8" Output for USA Market only (to ANSI B186.1)**
  - KA16060A 615 170 449 0 + 615 397 828 0 or 615 397 829 0
  - KA16075A 615 170 448 0 + 615 397 828 0 or 615 397 829 0
- **Sanding Ø 127mm (5") & Ø 180mm (7") - M14 & 5/8" Output**
  - 615 170 435 0 + 615 397 830 0

**Accessories**

- **Vacuum hose ID 25mm (1")**
  - for diamont disc ø 127mm (5")
- **Vacuum hose ID 38mm (1-1/2")**
  - ø 127mm (5") - ø 180mm (7") for angle grinders and sanders

**Dimensions**

**KA16120 / KA16085 / KA16075 / KA16060**

**OPTIONAL ACCESSORIES**

**OPTIONAL ACCESSORIES for composite cutting**

- Dust Extraction Kit for diamond disc ø 127mm (5")
  - Item KA16120
- Complete silencer kit
  - Item KA16120
- Clamp
  - Item KA16085
- Vibration-damping side handle
  - Item KA16075
- Flange nut M14
  - Item KA16060
- Pin key
  - Item KA16060

**OPTIONAL ACCESSORIES for composite, non metal sanding**

- Dust Extraction Kit for disc ø 127mm (5")
  - Item KA16060
- Suction cap
  - Item KA16085
- Suction cap
  - Item KA16075
- Suction cap
  - Item KA16060
- Pin wrench 35mm (1-3/8")
  - Item KA16085

**OTHER OPTIONAL ACCESSORIES**

- Grease gun includes 24g (0.8oz)
  - Item KA16060
- Complete interior kit
  - Item KA16085
- Reinforced cloth-lined exhaust hose L = 0.75m (30'')
  - Item KA16075
- Vibration-damping side handle
  - Item KA16060
- Complete silencer kit
  - Item KA16085
- Grease for bevel gear (1 kg - 2.2 lb)
  - Item KA16060
Random Orbital Sanders for abrasive discs

ø 127mm (5") - ø 150mm (6")

Pic | Ref | Model | Part Number | Pad Size | Orbit Free Speed | Motor Power | Weight | Air Flow | Air Inlet | Hose Int. Ø
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---

Non-Vacuum

A SXRA50 615 170 210 0

127 5 2.4 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

D SXRA60 615 170 210 0

150 5 2.4 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

A SXRB50 615 170 211 0

127 5 5 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

D SXRB60 615 170 211 0

150 5 5 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

D SXRC60 615 170 462 0

150 6 11 7/16 12000 210 0.3 0.9 1.9 8.0 16.6 1/4 6 1/4

External Vacuum

B SXRA50C 615 170 225 0

127 5 2.4 3/32 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

C SXRA60C 615 170 226 0

150 6 2.4 3/32 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

B SXRB50C 615 170 216 0

127 5 5 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

C SXRB60C 615 170 217 0

150 6 5 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

C SXRC60C 615 170 463 0

150 6 11 7/16 12000 210 0.3 0.9 1.9 8.0 16.6 1/4 6 1/4

Self Vacuum

E SXRA50V 615 170 222 0

127 5 2.4 3/32 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

F SXRA60V 615 170 223 0

150 6 2.4 3/32 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

E SXRB50V 615 170 213 0

127 5 5 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

F SXRB60V 615 170 214 0

150 6 5 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

F SXRC60V 615 170 464 0

150 6 11 7/16 12000 210 0.3 0.9 1.9 8.0 16.6 1/4 6 1/4

Accessories

Pads: Thread 5/16"-24

Accessories Included

1/4" air hose nipple

Small grip (medium size grip fitted on sander)

Flat wrench 26mm across flats

Complete dust extraction kit for SXRA-V and SXRB-V version

Optional Accessories

Pads: Thread 5/16"-24

Vacuum skirts

Adaptor

Hose

Ball Hook

Dimensions

SXRA = ø 127mm (5")

SXRA V/C = ø 144mm (5.7")

SXRC = ø 123mm (4.84")

A SXRA50 615 170 210 0

127 5 2.4 3/16 12000 210 0.3 0.8 1.7 8.0 16.6 1/4 6 1/4

Accessories

ACCESSORIES INCLUDED

Vacuum skirts

Adaptor

Hose

Ball Hook

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Designed for testing wrenches, click wrenches or for tightening tools where rotary action is not desired during measurement. The use of a Shut-Off tool test a joint simulator as an accessory is required. Torque Accuracy: 0.35% of Torque Reading.

Each joint simulator reproduces a specific stiffness as described in its torque/angle characteristics. Installing the joint simulator on a transducer allows you to test a tool in the same real working conditions. A wide range of mechanical joint simulators are available to reproduce the joint behavior;

### DST - Digital Static Transducers

#### DST 0.5 Nm - 13
- **Model:** DJS for DST 0.5 Nm
- **Part No.:** 615 936 105 0
- **Torque Range:** 0.5-5 Nm
- **Drive:** F-M-3/4"
- **In.:** 1/2" M-3/4"
- **Outside:** 1/2" M-3/4"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 1 Nm - 20
- **Model:** DJS for DST 1 Nm
- **Part No.:** 615 936 110 0
- **Torque Range:** 1-10 Nm
- **Drive:** F-M-3/4"
- **In.:** 3/4" M-3/4"
- **Outside:** 3/4" M-3/4"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 2 Nm - 20
- **Model:** DJS for DST 2 Nm
- **Part No.:** 615 936 115 0
- **Torque Range:** 2-20 Nm
- **Drive:** F-M-3/4"
- **In.:** 1" M-1/2"
- **Outside:** 1" M-1/2"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 3 Nm - 20
- **Model:** DJS for DST 3 Nm
- **Part No.:** 615 936 120 0
- **Torque Range:** 3-30 Nm
- **Drive:** F-M-3/4"
- **In.:** 1" M-1/2"
- **Outside:** 1" M-1/2"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 10 Nm - 32
- **Model:** DJS for DST 10 Nm
- **Part No.:** 615 936 130 0
- **Torque Range:** 10-100 Nm
- **Drive:** F-M-3/4"
- **In.:** 2" M-1/2"
- **Outside:** 2" M-1/2"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 20 Nm - 32
- **Model:** DJS for DST 20 Nm
- **Part No.:** 615 936 140 0
- **Torque Range:** 20-200 Nm
- **Drive:** F-M-3/4"
- **In.:** 3" M-1/2"
- **Outside:** 3" M-1/2"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 50 Nm - 64
- **Model:** DJS for DST 50 Nm
- **Part No.:** 615 936 150 0
- **Torque Range:** 50-500 Nm
- **Drive:** F-M-3/4"
- **In.:** 4" M-1/2"
- **Outside:** 4" M-1/2"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 100 Nm - 128
- **Model:** DJS for DST 100 Nm
- **Part No.:** 615 936 160 0
- **Torque Range:** 100-1000 Nm
- **Drive:** F-M-3/4"
- **In.:** 5" M-1/2"
- **Outside:** 5" M-1/2"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

#### DST 200 Nm - 128
- **Model:** DJS for DST 200 Nm
- **Part No.:** 615 936 170 0
- **Torque Range:** 200-2000 Nm
- **Drive:** F-M-3/4"
- **In.:** 6" M-1/2"
- **Outside:** 6" M-1/2"
- **Drive Type:** HEX 1/4" M-1/4"
- **Weight:** 1.77 lb

### DJS - Digital Joint Simulators

A wide range of mechanical joint simulators are available to reproduce the joint behavior; installing the joint simulator on a transducer allows you to test a tool in the same real working conditions. Each joint simulator reproduces a specific stiffness as described in its torque/angle characteristics.

For each capacity, there are two versions: one reproducing a softer joint and one reproducing a harder joint.

#### DSA - DELTA STATIC TRANSUCERS ACCESSORIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>TORQUE RANGE</th>
<th>SQUARE DRIVE</th>
<th>Ø A</th>
<th>Ø B</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; M-1/4&quot; F</td>
<td>615 937 205 0</td>
<td>3/4&quot; F-3/4&quot; F</td>
<td>1/2&quot; Hex/14</td>
<td>Yellow</td>
<td>0.12</td>
<td>0.26</td>
</tr>
<tr>
<td>3/4&quot; M-3/8&quot; F</td>
<td>615 937 206 0</td>
<td>3/4&quot; F-3/8&quot; F</td>
<td>1/2&quot; Hex/14</td>
<td>Black</td>
<td>0.12</td>
<td>0.26</td>
</tr>
<tr>
<td>1/2&quot; M-1/2&quot; F</td>
<td>615 937 277 0</td>
<td>1&quot; M-1/2&quot; F</td>
<td>3/4&quot; Hex/14</td>
<td>Yellow</td>
<td>0.12</td>
<td>0.26</td>
</tr>
<tr>
<td>1/2&quot; M-3/4&quot; F</td>
<td>615 937 286 0</td>
<td>1&quot; M-3/4&quot; F</td>
<td>3/4&quot; Hex/14</td>
<td>Black</td>
<td>0.12</td>
<td>0.26</td>
</tr>
<tr>
<td>3/8&quot; F-3/8&quot; F</td>
<td>615 937 211 0</td>
<td>3/8&quot; F-3/8&quot; F</td>
<td>1&quot; Hex/14</td>
<td>Yellow</td>
<td>0.12</td>
<td>0.26</td>
</tr>
<tr>
<td>1/4&quot; F-1/4&quot; F</td>
<td>615 936 117 0</td>
<td>1/4&quot; M-1/4&quot; F</td>
<td>1/2&quot; Hex/14</td>
<td>Black</td>
<td>0.12</td>
<td>0.26</td>
</tr>
</tbody>
</table>

### Measurement Unit

**Main Features:**
- Delta 1D: 615 935 101 0
- Delta 6D: 615 935 102 0
- Delta 7D: 615 935 103 0

**Delta 1D / Delta 6D / Delta 7D**

**Delta 1D:**
- **Number:** 1
- **Battery Life:** 16 hours
- **Charger:** 110/240 Volt
- **Depth:** 45 in.
- **Weight:** 7.8 lb

**Delta 6D:**
- **Number:** 2
- **Battery Life:** 16 hours
- **Charger:** 110/240 Volt
- **Depth:** 45 in.
- **Weight:** 7.8 lb

**Delta 7D:**
- **Number:** 2
- **Battery Life:** 16 hours
- **Charger:** 110/240 Volt
- **Depth:** 45 in.
- **Weight:** 7.8 lb

**Accessories Included:**
- **Delta Battery:** 615 934 142 0
- **Universal Power Supplier:** 615 936 142 0

**Optional Accessories:**
- **Rubber Protection:** 615 856 141 0
- **CMD & RT 4200 Adapter:** 615 917 670 0
- **CMD 3500 Adapter:** 615 917 672 0
- **RT232 Adapter:** 615 917 674 0
- **GSE 2500 Adapter:** 615 917 674 0
- **GSE 7200 Adapter:** 615 917 674 0
- **GSE 8500 Adapter:** 615 917 674 0
- **GSE 8501 Adapter:** 615 917 674 0
- **GSE 8501 Adapter:** 615 917 674 0
- **Delta Demo Case (Empty):** 615 927 655 0
- **Delta Demo Case (Empty):** 615 927 656 0
- **Delta QC Licensed - 1 user:** 615 927 655 0
- **Delta QC Licensed - 1 user:** 615 927 656 0
- **Delta QC Licensed - 5 user:** 615 927 655 0
- **Delta QC Licensed - 5 user:** 615 927 656 0
- **Delta QC Advanced 1 user:** 615 927 655 0
- **Delta QC Advanced 1 user:** 615 927 656 0
**Main Features**

- Alpha D Series is designed to monitor and collect torque check results from screwdrivers, torque wrenches or click wrenches.
- Ideal to tune the tools thanks to real time statistics on color display and high capacity torque results storage.
- Traceability with included software result acquisition with time stamp, including PDF or XLS reports.
- Three models with embedded transducer to cover torque range from 0.1 to 16 Nm. All models are provided with two included joint simulators to test nutrunner according to different joint stiffness condition.

**Technical Specification**

<table>
<thead>
<tr>
<th>Torque Transducer</th>
<th>Embedded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torque Accuracy</td>
<td>1% of readings</td>
</tr>
<tr>
<td>Tools Testing</td>
<td>Torque Wrench, Nutrunner or Pulse Tools</td>
</tr>
<tr>
<td>Static</td>
<td>Min, Max, Average, Standard Deviation</td>
</tr>
<tr>
<td>Results Storage</td>
<td>1000 + 10 curves with DeltaQC Licensed</td>
</tr>
<tr>
<td>Multi-units</td>
<td>N.m, Kg.m, Kg.cm, O.z.in, Lb.in, Lb.ft, N.cm</td>
</tr>
<tr>
<td>Display</td>
<td>Red, Green, Blue backlight</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Embedded Battery, External power supply</td>
</tr>
<tr>
<td>Battery Autonomy</td>
<td>Up to 12 hours</td>
</tr>
<tr>
<td>Languages</td>
<td>French, English, Spanish, Italian, Deutsch, Portuguese</td>
</tr>
<tr>
<td>Software</td>
<td>Free Delta QC Software to export by USB result</td>
</tr>
</tbody>
</table>

**Model Part Number P. Changer Torque Range Depth Width Height Weight**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>CHARGER</th>
<th>TORQUE RANGE</th>
<th>DEPTH</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpha D1</td>
<td>615 935 140 0</td>
<td>110/240V</td>
<td>0.1 - 1</td>
<td>106</td>
<td>4.17</td>
<td>180</td>
<td>70</td>
</tr>
<tr>
<td>Alpha D5</td>
<td>615 935 141 0</td>
<td>110/240V</td>
<td>0.5 - 5</td>
<td>106</td>
<td>4.17</td>
<td>180</td>
<td>70</td>
</tr>
<tr>
<td>Alpha D16</td>
<td>615 935 142 0</td>
<td>110/240V</td>
<td>1.6 - 16</td>
<td>106</td>
<td>4.17</td>
<td>180</td>
<td>70</td>
</tr>
</tbody>
</table>

All models are supplied with external power supply, suitable hard and soft joint simulators and Delta QC Software CD-ROM.
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### Digital Rotary Transducers

**Features**

- **Features**
  - Automatic recognition thanks to internal memory chip storing main data values eliminating any setting mistakes and time losses
  - High reliability due to immunity from external noise thanks to digital communication
  - Communication to data analyzer not sensitive to the cable length
  - Long life durability thanks to industrial design from transducer to housing

- **Benefits**
  - Torque range from 0.2 to 5000 Nm (0.15 to 3685 ft.lb)
  - Angle counting system 0.35° resolution
  - Strain gauges transducer: sensitivity 2mV/V - accuracy +/-0.35% of torque reading
  - Built-in smart chip memory with calibration features:
    - type of transducer - sensitivity nominal load - serial number

- **Features**
  - Torque range from 0.2 to 5000 Nm (0.15 to 3685 ft.lb)
  - Angle counting system 0.35° resolution
  - Strain gauges transducer: sensitivity 2mV/V - accuracy +/-0.35% of torque reading
  - Built-in smart chip memory with calibration features:
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### Model Part Number Torque Range Output

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>Torque Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRT 4 2</td>
<td>615 165 209 0</td>
<td>0.2 - 2</td>
<td>0.15 - 1.5 Hex ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 5</td>
<td>615 165 210 0</td>
<td>0.5 - 5</td>
<td>0.37 - 3.7 Hex ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 20</td>
<td>615 165 220 0</td>
<td>2 - 20</td>
<td>1.47 - 14.7 Hex ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 25</td>
<td>615 165 222 0</td>
<td>2.5 - 25</td>
<td>1.84 - 18.4 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 75</td>
<td>615 165 223 0</td>
<td>7.5 - 75</td>
<td>5.53 - 55.3 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 100</td>
<td>615 165 224 0</td>
<td>10 - 100</td>
<td>13.2 - 132 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 400</td>
<td>615 165 225 0</td>
<td>50 - 500</td>
<td>368 - 3680 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 1400</td>
<td>615 165 226 0</td>
<td>140 - 1400</td>
<td>1032 - 10322 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 4 3000</td>
<td>615 165 227 0</td>
<td>500 - 5000</td>
<td>3685 - 36850 Sq 1/2&quot;</td>
</tr>
</tbody>
</table>

### Torque & Angle

- A version DRT5 is available with an angle measurement encoder which allows with a DELTA 6D or DELTA 7D, the measurement of the angle of rotation in addition to torque.

### Model Part Number Torque Range Output

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>Torque Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRT 5 2</td>
<td>615 165 218 0</td>
<td>0.2 - 2</td>
<td>0.15 - 1.5 Hex ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 5</td>
<td>615 165 219 0</td>
<td>0.5 - 5</td>
<td>0.37 - 3.7 Hex ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 20</td>
<td>615 165 220 0</td>
<td>2 - 20</td>
<td>1.47 - 14.7 Hex ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 25</td>
<td>615 165 222 0</td>
<td>2.5 - 25</td>
<td>1.84 - 18.4 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 75</td>
<td>615 165 223 0</td>
<td>7.5 - 75</td>
<td>5.53 - 55.3 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 100</td>
<td>615 165 224 0</td>
<td>10 - 100</td>
<td>13.2 - 132 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 400</td>
<td>615 165 225 0</td>
<td>50 - 500</td>
<td>368 - 3680 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 1400</td>
<td>615 165 226 0</td>
<td>140 - 1400</td>
<td>1032 - 10322 Sq ¼&quot;</td>
</tr>
<tr>
<td>DRT 5 3000</td>
<td>615 165 780 0</td>
<td>500 - 5000</td>
<td>3685 - 36850 Sq 1/2&quot;</td>
</tr>
</tbody>
</table>

### Cable Type Data Collector For Transducer Length Part Number

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Data Collector Type</th>
<th>For Transducer Type</th>
<th>Length</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital 10 pins</td>
<td>All types of Delta</td>
<td>All digital transducers</td>
<td>2m (78.7&quot;) long</td>
<td>615 917 430 0</td>
</tr>
<tr>
<td>Digital 10 pins</td>
<td>All types of Delta</td>
<td>All digital transducers</td>
<td>2m (78.7&quot;) long, spiral</td>
<td>615 917 432 0</td>
</tr>
<tr>
<td>Digital 10 pins</td>
<td>All types of Delta</td>
<td>All digital transducers</td>
<td>5m (196.8&quot;) long</td>
<td>615 917 433 0</td>
</tr>
</tbody>
</table>
More Than Productivity