The "Mighty Atom™" High Power Drill
The ‘Mighty Atom™’ – Ergonomics, Power And Productivity

Introducing the new Mighty Atom High Power Drill from CP Desoutter
The ultimate drilling machine providing 'operator comfort', 'power' & 'productivity'

ERGONOMICS & OPERATOR COMFORT
- Pistol grip angle design aids high feed force application for effective drilling
- Aluminium/composite pistol grip construction for enhanced operator comfort

POWER
- Powered by a full 1 Horse Power, oil-free motor to tackle the most demanding applications
- Efficient effective motor to maintain optimum drilling speed

PRODUCTIVITY
- The combination of operator comfort combined with the power of the High Power Drill enhances productivity

VIBRATION LEVEL - SOUND LEVEL
- Sound level <81 dB(A)
- Vibration level <2.5m/s²

RELIABILITY & SERVICING
- Modular construction provides ease of servicing
- Minor & major service kits available to ensure a 'right first time' service
High Power Drill – DR750

Chuck Capacity: Ø 13mm (1/2"), Ø 10mm (3/8"), Ø 8mm (5/16")

Air Inlet: 1/4" BSP/NPT
Vibration level: <2.5 m/s²

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>FREE SPEED</th>
<th>CHUCK SIZE</th>
<th>MOTOR POWER</th>
<th>STALL TORQUE</th>
<th>WEIGHT</th>
<th>AIR FLOW</th>
<th>MIN HOSE BORE</th>
<th>SOUND LEVEL</th>
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<td>Hp</td>
<td>Nm</td>
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(Shown with side handle fitted)
All tools are designed to operate at a line pressure of 6.3 bar +/- 0.15bar in accordance with ISO2787.

Sound levels +/- 3dB(A)* measured in accordance with CAGI-PNEUROP test code or PNEUROP PN8NTC1.2. Vibration values* measured in accordance with ISO 8662.

*These declared values were obtained by laboratory testing in compliance with stated standards and are not adequate for risk assessments. Values measured in individual work places may be higher than the declared values. The actual exposure values and risk of harm experienced by an individual are unique and depend upon the way the user works, the workpiece and the work station design, as well as upon the exposure time and the physical condition of the user.

We Desoutter cannot be held liable for the consequences of using declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

Tools are CE marked to comply with European Machinery Directive.

Specifications subject to change without prior notice.

Further occupational health and safety information can be obtained from the following web sites:

http://www.osha.gov (USA)
http://europe.osha.eu.int (Europe).

For general product safety instructions please refer to Drilling & Riveting catalogue.

**WARNING**

To reduce risk of injury everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand the safety instructions before performing any such task.

- Keep away from rotating bit and chuck. You can become cut or burned if you come in contact with the drill bit, chips/swarf of work surface.
- Use intermittent drill pressure to avoid long shaved chips/swarf.
- The drill bit can suddenly bind and cause the work piece or tool to rotate causing arm and shoulder injuries.
- It is recommended that side handles are used for operator comfort and safety on high torque drilling applications above 3.5Nm (2.6 lbft) on straight case tools and 11.5Nm (8.5lbft) on pistol grip drills. Drills with a chuck capacity larger than 10mm (3/8") should always be used with a side handle.
- For further information on the general safety instructions for the operation of power tools please refer to the Desoutter Drilling & Riveting catalogue or the tool operating instructions supplied with the tool.

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**Safety Instructions**

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**Accessories**

**CHUCK DESIGNATION**

<table>
<thead>
<tr>
<th>CHUCK DESIGNATION</th>
<th>DIMENSION &quot;A&quot;</th>
<th>CHUCK KEY PART NUMBER</th>
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<td>C13</td>
<td>61mm 2.40&quot;</td>
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<td>C10</td>
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<td>C8</td>
<td>43mm 1.69&quot;</td>
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<td>K10</td>
<td>71mm 2.79&quot;</td>
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<td>K8</td>
<td>60mm 2.36&quot;</td>
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**Accessories included**

- Chuck threaded ¼" UNC capacity ⅜"- 8mm (without key)
- Chuck key 410203
- Chuck threaded ⅜" UNC capacity ½"- 10mm (with key)
- Chuck key 31132
- Chuck threaded ½" UNC capacity ⅜"- 13mm (with key)
- Chuck key 29242
- Keyless Chuck threaded ⅜" UNC capacity ⅜"- 8mm
- Keyless Chuck threaded ⅜" UNC capacity ⅜"- 10mm 473433
- Chuck Guard 473143
- Side Handle 473173
- Suspension Bail 473153

**Optional Accessories**

- Dust extraction kit 475033

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**Drills**

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