Universal Tool now offers a wider selection of air tools for industrial and MRO applications. Our headquarters and 65,000 square foot assembly and distribution facility is located in Jupiter, Florida. The Universal Tool U.S. product offering is manufactured at our sister division factory, in Pennsylvania. Other products carrying the UT nameplate are manufactured at partner factories in Asia, where our concepts of quality and reliability are shared.

The Universal Tool nameplate is a symbol for quality and workmanship with innovative products featuring the latest advances in air tool design. At Universal Tool, performance proven products and people are something you can trust today and tomorrow.
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Impact Wrenches

Impact Wrench Mechanisms

<table>
<thead>
<tr>
<th>Twin Hammer Design</th>
<th>Ball and Cam Clutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two hammers strike balanced blows for more torque than other designs. The simple design offers easy low cost maintenance, and good performance on soft and hard joints. The twin hammer design is less sensitive to air pressure, and ideal for use where air supply fluctuations are prevalent.</td>
<td>Converts air motor torque into powerful rotary blows, a time tested design for maximum reliability, and best for very high torque soft joints.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two Jaw Clutch</th>
<th>DynaPact Clutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>The highest energy per blow for maximum performance and highest torque to weight ratio. Best choice for steel erection and heavy MRO and excellent for both soft and hard joints.</td>
<td>This fast high energy clutch offers low vibration and fast run down speed, and is ideal for lighter MRO use.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single Hammer</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>This simple design offers easy low cost maintenance and reliability, best suited for lower torque applications.</td>
<td></td>
</tr>
</tbody>
</table>

- The UT line of super duty, heavy duty and standard duty impact wrenches is the widest range of true industrial impact wrenches available. With a selection of hammer mechanisms, drive sizes from 3/8” to 2-1/2”, and torque ranges from 25 ft./lb. to 50,000 ft./lb., our line of impact wrenches are up to any job. Our focus on quality and dependability ensures your UT impact wrench will provide constant performance and a long service life.
- Handle design, configuration and weight choices ensure great balance and provide the best operator comfort possible.
- We use only the highest grade materials, forgings, and heat treatment processes, to meet customer expectations for quality and dependability, in the toughest applications.
- With a wide range of choices and torque capability the UT line of impact wrenches covers the needs for heavy assembly processes, off road vehicle maintenance, steel erection, heavy plant maintenance, petrochemical as well as intermittent MRO uses.
### Impact Wrenches

#### 3/8 Inch

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Torque (ft. lb.)</th>
<th>Max Torque (ft. lb.)</th>
<th>Max Torque (Nm)</th>
<th>Speed (RPM)</th>
<th>Avid</th>
<th>Socket Retainer</th>
<th>Exhaust</th>
<th>Weight (lb.)</th>
<th>Weight (kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Hose (I.D. in.)</th>
<th>Air Cons (cfm)</th>
<th>Average (cfm)</th>
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<tbody>
<tr>
<td>UT2025R</td>
<td>25-50</td>
<td>34-68</td>
<td>70</td>
<td>95</td>
<td>11,000</td>
<td>3/8 Square</td>
<td>Friction Ring Top</td>
<td>2.4</td>
<td>1.1</td>
<td>6.23</td>
<td>159</td>
<td>90 psi-6.2 bar</td>
<td>1/4</td>
<td>3/8</td>
<td>16</td>
<td>7.5</td>
</tr>
<tr>
<td>UT2025R-1</td>
<td>25-50</td>
<td>34-68</td>
<td>75</td>
<td>102</td>
<td>10,000</td>
<td>3/8 Square</td>
<td>Friction Ring Top</td>
<td>2.4</td>
<td>1.1</td>
<td>6.23</td>
<td>159</td>
<td>90 psi-6.2 bar</td>
<td>1/4</td>
<td>3/8</td>
<td>16</td>
<td>7.5</td>
</tr>
<tr>
<td>UT8030R</td>
<td>25-50</td>
<td>34-68</td>
<td>75</td>
<td>102</td>
<td>10,000</td>
<td>3/8 Square</td>
<td>Friction Ring Front</td>
<td>2.9</td>
<td>1.3</td>
<td>5.23</td>
<td>133</td>
<td>90 psi-6.2 bar</td>
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<td>3/8</td>
<td>16</td>
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<tr>
<td>UT8030R-1</td>
<td>35-200</td>
<td>48-271</td>
<td>300</td>
<td>406</td>
<td>12,000</td>
<td>3/8 Square</td>
<td>Friction Ring Handle</td>
<td>3.3</td>
<td>1.5</td>
<td>5.50</td>
<td>140</td>
<td>90 psi-6.2 bar</td>
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<td>3/8</td>
<td>20</td>
<td>9.4</td>
</tr>
<tr>
<td>UT8070P-1</td>
<td>35-200</td>
<td>48-271</td>
<td>300</td>
<td>406</td>
<td>12,000</td>
<td>3/8 Square</td>
<td>Spring Pin Handle</td>
<td>3.3</td>
<td>1.5</td>
<td>5.50</td>
<td>140</td>
<td>90 psi-6.2 bar</td>
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<td>3/8</td>
<td>20</td>
<td>9.4</td>
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<td>48-278</td>
<td>320</td>
<td>433</td>
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<td>Friction Ring Handle</td>
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<td>1.3</td>
<td>5.20</td>
<td>132</td>
<td>90 psi-6.2 bar</td>
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<td>3/8</td>
<td>20</td>
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<td>48-278</td>
<td>320</td>
<td>433</td>
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<td>Spring Pin Handle</td>
<td>2.7</td>
<td>1.3</td>
<td>5.20</td>
<td>132</td>
<td>90 psi-6.2 bar</td>
<td>1/4</td>
<td>3/8</td>
<td>20</td>
<td>9.4</td>
</tr>
</tbody>
</table>

---

**UT2025R 3/8" Butterfly Impact Wrench**
- Reliable single hammer-70 ft.lb. max. torque
- Paddle throttle for instant direction changes
- Swivel air inlet and regulator for flexibility
- Built-in multi position regulator

**Best for:** MRO and general Repair

**UT8025R-1 3/8" Butterfly Impact Wrench**
- Reliable single hammer-75 ft.lb. max. torque
- Paddle throttle for instant direction changes
- Swivel air inlet and regulator for flexibility
- Built-in multi position regulator & protective cover
- Precision engineered for added reliability

**Best for:** Rugged MRO and vehicle service

**UT8030R 3/8" Pistol Impact Wrench**
- Reliable single hammer-75 ft.lb. max. torque
- Push forward/reverse for single hand operation
- Rubber scuff guard protects work piece and tool nose
- Built-in multi position regulator

**Best for:** MRO and general repair

**UT8070R-1 / UT8070P-1 3/8" Pistol Impact Wrench**
- Hard hitting twin hammer-300 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic "Softouch" coating and contoured grip
- Steel hammer case for added durability

**Best for:** Assembly & heavy MRO

**UT8085R / UT8085P 3/8" Pistol Impact Wrench**
- Hard hitting twin hammer-320 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic composite housing and grip for lower weight
- Magnesium hammer case for ultimate weight reduction
- Weighs only 2.7 lbs. for reduced operator fatigue

**Best for:** Assembly & heavy MRO
**UT2110R-1 1/2" Pistol Impact Wrench**

- Reliable single hammer-250 ft.lbf. max. torque
- Push forward/reverse for single hand operation
- Rubber scuff guard protects work piece and tool nose
- Built-in multi position regulator

*Best for: MRO and vehicle service*

---

**UT2147R-1 1/2" Pistol Impact Wrench**

- Smooth-fast Dynapact® clutch-500 ft.lbf. max. torque
- Combined reverse and power management switch
- Ergonomic contoured grip
- Steel hammer case for added durability

*Best for: Rugged MRO and vehicle service*
**UT8120R 1/2" Compact Pistol Impact Wrench**

- Hard hitting twin hammer - 500 ft.lb. max. torque
- Push button reverse for single hand operation
- Ergonomic composite housing & grip for lower weight
- Only 6.3" long and 3.2 lbs weight

*Best for: Assembly & tight access MRO*

---

**UT8150R-1 / UT8150P-1**

1/2" Pistol Impact Wrench

- Hard hitting twin hammer - 550 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic "Softouch" coating and contoured grip
- Steel hammer case for added durability

*Best for: Assembly & heavy MRO*

---

**UT8160R-1 / UT8160P-1**

1/2" Pistol Impact Wrench

- 800 ft-lb Max. Torque
- Weighs only 4.2 lbs
- Compact one handed design
- Combined Built-In power management & reverse/forward switch
- Hard hitting twin hammer
- Handle exhaust
- Composite housing
- Magnesium hammer case
- Triple heat treated alloy steel hammers, anvil & cage
- UT8160R-1 has friction ring retainer and UT8160P-1 has spring pin retainer

*Best for: Assembly & heavy MRO*

---

### Performance Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Torque (ft. lb.)</th>
<th>Working Torque (Nm)</th>
<th>Max Torque (ft. lb.)</th>
<th>Max Torque (Nm)</th>
<th>Speed (RPM)</th>
<th>Anvil</th>
<th>Socket Retainer</th>
<th>Exhaust</th>
<th>Weight (oz)</th>
<th>Weight (kg)</th>
<th>Length (in)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Hose (ft)</th>
<th>Air Cons (cfm)</th>
<th>Average (cfm)</th>
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<td>135-470</td>
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<td>675</td>
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<td>Friction Ring</td>
<td>Handle</td>
<td>3.2</td>
<td>1.45</td>
<td>6.3</td>
<td>160</td>
<td>90 psi-6.2 bar</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>18</td>
<td>4.5</td>
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<tr>
<td>UT8150R-1</td>
<td>105-360</td>
<td>142-488</td>
<td>550</td>
<td>745</td>
<td>7,000</td>
<td>1/2&quot; Square</td>
<td>Friction Ring</td>
<td>Handle</td>
<td>3.8</td>
<td>2.6</td>
<td>7.25</td>
<td>184</td>
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<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>29</td>
<td>7.3</td>
</tr>
<tr>
<td>UT8150P-1</td>
<td>105-360</td>
<td>142-488</td>
<td>550</td>
<td>745</td>
<td>7,000</td>
<td>1/2&quot; Square</td>
<td>Spring Pin</td>
<td>Handle</td>
<td>5.8</td>
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<td>7.25</td>
<td>184</td>
<td>90 psi-6.2 bar</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>29</td>
<td>7.3</td>
</tr>
<tr>
<td>UT8160R-1</td>
<td>120-640</td>
<td>163-870</td>
<td>600</td>
<td>1088</td>
<td>8,000</td>
<td>1/2&quot; Square</td>
<td>Friction Ring</td>
<td>Handle</td>
<td>4.2</td>
<td>1.9</td>
<td>6.75</td>
<td>171</td>
<td>90 psi-6.2 bar</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>29</td>
<td>7.3</td>
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<tr>
<td>UT8160P-1</td>
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<td>163-870</td>
<td>600</td>
<td>1088</td>
<td>8,000</td>
<td>1/2&quot; Square</td>
<td>Spring Pin</td>
<td>Handle</td>
<td>4.2</td>
<td>1.9</td>
<td>6.75</td>
<td>171</td>
<td>90 psi-6.2 bar</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>29</td>
<td>7.3</td>
</tr>
</tbody>
</table>
**UT2310R 3/4" Pistol Impact Wrench**

- Smooth-fast DynaPact® clutch-900 ft.lb. max. torque
- Push forward/reverse for single hand operation
- Rubber scuff guard protects work piece and tool nose
- Built-in multi position regulator

*Best for: MRO and vehicle service*

**UT8340C-2 3/4" High Performance Pistol Impact Wrench**

- 1300 ft-lb Max. Torque
- Weighs only 11.0 lbs
- Compact one handed design
- Combined Built-In power management & forward/reverse switch
- Refined design twin hammer increases blow efficiency and doubles the life of hammer parts
- Latest design high efficiency motor provides rapid torque build-up
- Handle exhaust
- Softouch coating for comfort
- Steel hammer case for reliability
- Triple heat treated alloy steel hammers, anvil & cage
- Combined friction ring and through hole retainer

*Best for: MRO and vehicle service*

**UT8360C 3/4" Pistol Impact Wrench**

- Hard hitting twin hammer-1200 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic composite housing and grip for lower weight
- Magnesium hammer case for ultimate weight reduction
- Weighs only 6.2 lbs. for reduced operator fatigue

*Best for: Assembly and heavy MRO*
3/4 Inch

**UT7520C-75 / UT7520C-1**

3/4" & 1" Pistol Impact Wrench

- Hard hitting twin hammer-1100 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

*Best for: Heavy plant & vehicle service*

**UT7560C-75 / UT7560C-1**

3/4" & 1" Pistol Impact Wrench

- High energy two jaw clutch-1025 ft.lb. max torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

*Best for: Heavy plant & vehicle service*

**UT8350C**

3/4" Pistol Impact Wrench

- Hard hitting twin hammer-1400 ft.lb. max. torque
- Three piece housing design eases maintenance
- Reliable bolt-on assist handle
- Push button reverse for single hand operation

*Best for: Heavy plant & vehicle service*

---

**UT7520C-75 / UT7520C-1**

- Model: UT7520C-75 / UT7520C-1
- Description: 3/4" & 1" Pistol Impact Wrench
- Features:
  - Hard hitting twin hammer-1100 ft.lb. max. torque
  - Pressure feed hammer lubrication for added reliability
  - Three piece housing design eases maintenance
  - Extra heavy duty steel hammer case for ultimate durability
  - Built-in exhaust silencer system for noise control
- Best for: Heavy plant & vehicle service

---

**UT7560C-75 / UT7560C-1**

- Model: UT7560C-75 / UT7560C-1
- Description: 3/4" & 1" Pistol Impact Wrench
- Features:
  - High energy two jaw clutch-1025 ft.lb. max torque
  - Pressure feed hammer lubrication for added reliability
  - Three piece housing design eases maintenance
  - Extra heavy duty steel hammer case for ultimate durability
  - Built-in exhaust silencer system for noise control
- Best for: Heavy plant & vehicle service

---

**UT8350C**

- Model: UT8350C
- Description: 3/4" Pistol Impact Wrench
- Features:
  - Hard hitting twin hammer-1400 ft.lb. max. torque
  - Three piece housing design eases maintenance
  - Reliable bolt-on assist handle
  - Push button reverse for single hand operation
- Best for: Heavy plant & vehicle service

---

**Specifications Table**

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Torque (ft-lb)</th>
<th>Working Torque (Nm)</th>
<th>Max Torque (ft-lb)</th>
<th>Max Torque (Nm)</th>
<th>Speed (RPM)</th>
<th>Avail</th>
<th>Sockel Diameter</th>
<th>Exhaust</th>
<th>Weight (lb)</th>
<th>Weight (kg)</th>
<th>Length (in)</th>
<th>Length (mm)</th>
<th>Max Pressure (psi)</th>
<th>Air Inlet (NPT)</th>
<th>Hose (ft)</th>
<th>Hose (m)</th>
<th>Air Cfm (cfm)</th>
<th>Average Cfm (cfm)</th>
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<tbody>
<tr>
<td>UT7520C-75</td>
<td>232-400</td>
<td>315-1086</td>
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<td>1489</td>
<td>5000</td>
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<td>Through Hole</td>
<td>Handle</td>
<td>12.0</td>
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<td>12.50</td>
<td>318</td>
<td>90 psi-6.2 bar</td>
<td>3/8&quot; 1/2&quot;</td>
<td>36</td>
<td>9.0</td>
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<td></td>
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<tr>
<td>UT7520C-1</td>
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<td>315-1086</td>
<td>1,100</td>
<td>1489</td>
<td>5000</td>
<td>1&quot; Square</td>
<td>Through Hole</td>
<td>Handle</td>
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<td>5.5</td>
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<td>5.3</td>
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<td>90 psi-6.2 bar</td>
<td>3/8&quot; 1/2&quot;</td>
<td>35</td>
<td>9.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**UT8470C 1" Pistol Impact Wrench**

- Hard hitting twin hammer-1900 ft.lb. max. torque
- Three piece housing design eases maintenance
- Steel hammer case increases reliability
- Combined reverse and power management switch

*Best for: Heavy plant, heavy MRO and off road vehicle service*

---

**UT1010C 1" Straight Impact Wrench**

- High ultimate torque three jaw clutch-1350 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Built-in exhaust silencer system for noise control

*Best for: High volume soft pull up joints in assembly*  

---

**UT8480C 1" Straight Impact Wrench**

- Hard hitting twin hammer-2730 ft.lb. max. torque
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Combined reverse and power management switch

*Best for: Heavy plant, heavy MRO and off road vehicle service*

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### Impact Wrenches

**Model** | **Working Torque (ft-lb)** | **Working Torque (Nm)** | **Max Torque (ft-lb)** | **Torque (Nm)** | **Speed (RPM)** | **Anvil** | **Socket Retainer** | **Exhaust** | **Weight (lbs)** | **Weight (kg)** | **Length (in)** | **Length (mm)** | **Air Pressure** | **Air Inlet** | **Hose (lb)** | **Hose (m)** | **Air Cons (cfm)** | **Average (cfm)**
UT8470C | 300-1500 | 406-2000 | 1,900 | 2572 | 4000 | 1" Square ring & Handle | Handle | 19.7 | 9.0 | 11.80 | 300 | 90 psi-6.2 bar | 3/8" | 1/2" | 44 | 11.8
UT1010C | 276-950 | 374-1289 | 1,350 | 1828 | 6000 | 1" Square Through Hole Front | Front | 20.5 | 9.3 | 13.50 | 343 | 90 psi-6.2 bar | 3/8" | 3/4" | 59 | 14.8
UT8480C | 500-1800 | 678-2435 | 2,730 | 6600 | 1" Square Through Hole Top | Top | 28.0 | 12.7 | 17.80 | 452 | 90 psi-6.2 bar | 3/8" | 3/4" | 70 | 17.5
UT8480S | 500-1800 | 678-2435 | 2,730 | 6600 | #5 Spline Button Top | Top | 28.0 | 12.7 | 17.80 | 452 | 90 psi-6.2 bar | 3/8" | 3/4" | 70 | 17.5

*MADE IN USA*
**UT1040C 1" Straight Impact Wrench**  
**UT1040S #5 Spline Straight Impact Wrench**

- Hard hitting twin hammer-2000 ft.lb. max. torque  
- Pressure feed hammer lubrication for added reliability  
- Three piece housing design eases maintenance  
- Extra heavy duty steel hammer case for ultimate durability  
- Built-in exhaust silencer system for noise control  
- 6" Extended Sq. Dr. Anvil available upon request

*Best for: Heavy plant, heavy MRO & off road vehicle service*

**MADE IN USA**

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**UT1011C 1" Straight Impact Wrench**  
**UT1011S #5 Spline Straight Impact Wrench**

- High energy two jaw clutch-2800 ft.lb. max. torque  
- Pressure feed hammer lubrication for added reliability  
- Three piece housing design eases maintenance  
- Extra heavy duty steel hammer case for ultimate durability  
- Built-in exhaust silencer system for noise control

*Best for: Heavy steel erection, and plant maintenance*

UT1011S-OT Available with outside trigger

**MADE IN USA**

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Torque (ft.-lb.)</th>
<th>Working Torque (Nm)</th>
<th>Max Torque (ft.-lb.)</th>
<th>Max Torque (Nm)</th>
<th>Speed (RPM)</th>
<th>Socket Retainer</th>
<th>Exhaust</th>
<th>Weight (lb.)</th>
<th>Weight (kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Max Pressure</th>
<th>Air Inlet</th>
<th>Hose Length (in.)</th>
<th>Hose Length (mm)</th>
<th>Air Consumption (cfm)</th>
<th>Average Consumption (cfm)</th>
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<td>630-2171</td>
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<td>Front</td>
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<td>315</td>
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<td>3/4&quot;</td>
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<td>14.5</td>
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<tr>
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<td>Button</td>
<td>Front</td>
<td>22.0</td>
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<td>5,500</td>
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<td>12.50</td>
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<td>90 psi-6.2 bar</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>47</td>
<td>12.0</td>
</tr>
</tbody>
</table>
UT1550C 1-1/2" Straight Impact Wrench
UT1550S #5 Spline Straight Impact Wrench

- Hard hitting twin hammer-3000 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

Best for: Heavy plant, heavy MRO & off road vehicle service with high torque and hard joints

MADE IN USA

UT1520C 1-1/2" Straight Impact Wrench
UT1520S #5 Spline Straight Impact Wrench

- High energy two jaw clutch-3500 ft.lb. max torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

Best for: Heavy plant, heavy MRO & off road vehicle service with high torque and hard and soft joints

MADE IN USA

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Torque (ft. lb.)</th>
<th>Working Torque (Nm)</th>
<th>Max Torque (ft. lb.)</th>
<th>Max Torque (Nm)</th>
<th>Speed (RPM)</th>
<th>Avail</th>
<th>Socket Retainer</th>
<th>Exhaust</th>
<th>Weight (lb.)</th>
<th>Weight (kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rpm Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Hose (L.D. in.)</th>
<th>Air Com. (cfm)</th>
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<td>984-3393</td>
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<td>3,750</td>
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<td>Front</td>
<td>33.0</td>
<td>15.0</td>
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<td>368</td>
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<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>70</td>
<td>17.5</td>
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<td>Front</td>
<td>33.7</td>
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<td>Front</td>
<td>Front</td>
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<td>14.70</td>
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<td>90 psi-6.2 bar</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>65</td>
<td>15.0</td>
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</tbody>
</table>
UT1578C 1-1/2" Straight Impact Wrench

- Ultra reliable precision ball & cam mechanism
- 10,000 ft.lb. max. torque
- Time tested design for ultimate durability
- Designed for vertical suspension
- Second operator assist handle
- Through hole anvil for positive socket retention

*Best for: Heavy duty very high torque applications*

---

UT2582C 2-1/2" Straight Impact Wrench

- Ultra reliable precision ball & cam mechanism
- 20,000 ft.lb. max. torque
- Time tested design for ultimate durability
- Designed for vertical suspension
- Second operator assist handle
- Through hole anvil for positive socket retention

*Best for: Extra heavy duty very high torque applications*

---

UT2588C 2-1/2" Straight Impact Wrench

- Ultra reliable precision ball & cam mechanism
- 50,000 ft.lb. max. torque
- Time tested design for ultimate durability
- Designed for vertical suspension
- Second operator assist handle
- Through hole anvil for positive socket retention

*Best for: Ultimate duty very high torque applications*
Universal Tool offers a complete line of air hammers, scalers and chipping hammers. Many of our percussion tools are made at our plant in Jupiter, Florida utilizing the most advanced engineering and manufacturing processes available.

We have also developed new products to meet the requirements of today’s changing market. One such product is our patented line of recoilless needle scalers that provide users with ergonomic benefits unsurpassed in the air tool industry.
**UT8634 Needle Scaler**
- Quick release spring for needle replacement
- All steel construction for durability
- Very smooth operation with optimum control
- Works perfectly on uneven surfaces

*Best for: Removal of rust, paint and scale on flat or irregular surfaces*

---

**UT8635 Needle Scaler**
- J-slot adjustment for additional needle exposure
- All steel construction for durability
- Converts to B1 style chisel scaler
- Low air consumption for use with limited air supply or multiple tool applications

*Best for: Removal of rust, paint and scale on flat or irregular surfaces*

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**UT9912 Straight Recoilless Needle Scaler**
- Only 3m/s² vibration level to reduce operator fatigue
- All steel construction for durability
- Low air consumption for use with limited air supply or multiple tool applications

*Best for: Removal of rust, paint and scale on flat or irregular surfaces*

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**UT9914 / UT9914-2 Pistol Grip Recoilless Needle Scalers**
- Only 3.5m/s² vibration level to reduce operator fatigue
- Supplied with 1/8" or 2mm needles
- High blow frequency for increased production
- Non-metallic vacuum shroud available
- Low air consumption for use with limited air supply or multiple tool applications

*Best for: Surface preparation and lead paint abatement*

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Needle Capacity</th>
<th>Blows per Minute</th>
<th>Bore (in.)</th>
<th>Stroke (in.)</th>
<th>Weight (lb.)</th>
<th>Weight (kg)</th>
<th>Length (in.)</th>
<th>Length (cm)</th>
<th>Rec Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Hose (ID. in.)</th>
<th>Air Cons (cfm)</th>
<th>Average (cfm)</th>
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<td>UT9912</td>
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<td>1-1/8</td>
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<td>2.0</td>
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<td>318</td>
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<td>3/8&quot;</td>
<td>12</td>
<td>3.0</td>
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<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>12</td>
<td>3.0</td>
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</table>
## Four Bolt Chipping Hammers

### UT8651R / UT8651H

1" Stroke Chipping Hammers
- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

**Best for: Foundry plant maintenance and general contractor work**

### UT8652R / UT8652H

2" Stroke Chipping Hammers
- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

**Best for: Foundry plant maintenance and general contractor work**

### UT8653R / UT8653H

3" Stroke Chipping Hammers
- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

**Best for: Foundry plant maintenance and general contractor work**

### UT8654R / UT8654H

4" Stroke Chipping Hammers
- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

**Best for: Foundry plant maintenance and general contractor work**

<table>
<thead>
<tr>
<th>Model</th>
<th>Retainer</th>
<th>Handle Material</th>
<th>BPM</th>
<th>Bore (in.)</th>
<th>Stroke (in.)</th>
<th>Bushing (in.)</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Air Pressure</th>
<th>Inlet (NPT)</th>
<th>Rec. Hose (I.D. in.)</th>
<th>Av. Air Cons</th>
<th>Air Cons (cfm)</th>
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<td>1/2&quot;</td>
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<td>387</td>
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<td>3/8&quot;</td>
<td>1/2&quot;</td>
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<td>3/8&quot;</td>
<td>1/2&quot;</td>
<td>33</td>
<td>8.3</td>
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</table>
UT8666 Bench Rammer

- High power to weight ratio
- Heat treated cylinder and piston for durability
- Threaded retainer for quick and easy butt changes
- Easily operated and guided
- 2.5" butt

*Best for: Compacting sand, soil & other fibers materials*

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UT8645-1 / UT8646-1 Air Hammers

- Impact resistant composite handle for reduced weight
- Reliable flip valve design
- Button style trigger for increased control
- 0.401" shank

*Best for: Light chipping and sheet metal cutting*

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UT8663/UT8664 Aero Riveting Hammer

- Precision engineered spool valve for precision control on the job
- Triple heat treated alloy steel cylinder & piston
- Powder coated acrylic coating for insulation
- All metal trigger & throttle valve for durability

*Best for: Closing rivets in air frame assembly*

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UT9925 Recoilless Air Hammer

- Ergonomically advanced low vibration and high frequency design reduces fatigue
- Precision engineered to reduce air consumption and increase reliability
- Compact design for increased access and comfort
- 0.401" shank

*Best for: Medium duty chipping and sheet metal cutting*

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UT8674-1 Air Hammer

- 3/4" piston, 4-5/8" stroke and 0.498" shank for extra heavy duty work
- Positive action trigger and valve increases control
- Precision engineered, heat treated alloy steel cylinder & piston for added reliability & low air consumption

*Best for: Heavy chipping, bolt cutting and pin driving*
UT8630 Scaling Hammer
- Heat treated precision cylinder, piston and retainer for long life
- Rugged all steel construction for added reliability
- Compact design for increased access & comfort
- B1 - 1/2” square shank

*Best for: Removal of scale, slag & weld spatter in shipyards, foundry and fabrication shops*

UT8630LI Long Reach Scaling Hammer
- Heat treated precision cylinder, piston and retainer for long life
- Rugged all steel construction for added reliability
- 64” Length is ideal for floor and high level work
- B1 - 1/2” square shank
- Can be converted to needle scaler

*Best for: Ideal for floors and high reach areas, for scale, residue and tile removal*

UT9922 Recoilless Scaling Hammer
- Only 2 m/s² vibration level to reduce operator fatigue
- Rugged all steel construction for added reliability
- Compact design for increased access and comfort
- 3 sizes of carbide chisels available

*Best for: Removal of scale, weld spatter & other residues in shipyards, foundry and fabrication shops*

UT8603 Triple Head Scaling Hammer
- Heat treated precision cylinder and piston for long life
- Valveless design increases reliability
- Hard wearing replaceable tungsten carbide inserts in each piston
- Handle can be re-positioned to suit application

*Best for: Removal of scale, other residues and concrete scabbling*

<table>
<thead>
<tr>
<th>Model</th>
<th>Retainer</th>
<th>RPM</th>
<th>Bare (in.)</th>
<th>Stroke (in.)</th>
<th>Bushing (in.)</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Res. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Res. Hose (L.D. in.)</th>
<th>Air Cons (cfm)</th>
<th>Air Cons (cfm)</th>
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</table>
## UT8617 Scribe/Engraving Chisel
- Provides sufficient power for engraving & mini chipping applications
- High precision throttle ensures critical control
- Complete with carbide stylus & air hose

*Best for: Precision engraving of metals, stone and marble*

## UT8617K Scribe/Engraving Chisel Kit
- Provides sufficient power for engraving & mini chipping applications
- High precision throttle ensures critical control
- Complete with stylus, flat, round & chisel blanks, air hose and filter connection

*Best for: Precision engraving of metals, stone and marble*

## UT9935 Recoilless Air Scribe
- Only 1m/s² vibration for operator comfort and control
- Patented recoilless design provides low vibration and high frequency to reduce operator fatigue
- Complete with carbide stylus & air hose
- Lubrication free

*Best for: Metal component identification*

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<th>BPM</th>
<th>Stroke (in.)</th>
<th>Bushing (id.)</th>
<th>Weight (lb)</th>
<th>Weight (kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Air Hose (L.D. id.)</th>
<th>Air Cons (cfm)</th>
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UT9930 Recoilless Reciprocating Saw
- Patented, ergonomically advanced low vibration & low frequency design reduces fatigue
- Handle rotates 360 degrees for ultimate access & comfort
- Safety lock-off throttle

Best for: Cutting sheet metals, composites and wood

UT8862 File
- 1/4" Stroke and 9000 BPM for fast material removal
- Rear exhaust keeps air away from cuttings
- Compact design for increased access and comfort

Best for: Filing of metal

UT9940 Recoilless File
- Ergonomically advanced low vibration and low frequency design reduces fatigue
- Handle rotates 360 degrees for ultimate access & comfort
- 1/4" Stroke and 9000 BPM provides smooth and fast material removal

Best for: Repetitive filing as well as metal preparation

UT9160 Heavy Duty Reciprocating Saw Kit
- Cuts up to 8" diameter steel pipe
- Complete with two 18 TPI Bahco® blades
- Dual motion 360° x 360° inlet swivel for maximum maneuverability
- Heavy duty adjustable blade guide

Best for: Heavy process plant and boiler maintenance

<table>
<thead>
<tr>
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<th>Blade Bushing (in.)</th>
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<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
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Abrasive and Finishing Tools

- The UT line of Industrial Grinders and Sanders has been developed to offer the widest selection of product choices to meet increased market demands for quality, accuracy and dependability; as well as meeting increasing demands for low vibration, temperature insulation and general operator comfort.
- UT Grinders and Sanders feature the highest HP to weight ratios, and modern designs offer built in comfort features such as composite insulated grips, as well as reduced noise and vibration. All UT Grinders fully meet ANSI requirements for guards, spindles, mounting fixtures and spindle run out.
- Our extensive line up covers a range from 0.18 HP precision grinders up to 4.0 HP vertical and horizontal grinders, with choices of steel bodies and angle configurations.
- Our new state of the art UT Palm Sander series offers the lowest noise and vibration levels with choices of orbit pattern size and pad size.
- Various models in the UT Die Grinder and Angle Grinder line feature our “Softouch” coating which provides insulation to the operator, along with reduced vibration, and comfort grip handles.
- We use only the highest grade materials, bearings and precision gears, to meet customer expectations for quality and dependability.
- With a wide range of speed choices, and HP capability the UT line of grinders and Sanders are ideal for heavy material removal, precision engineering, automobile, RV industry, furniture, heavy metal fabrication, paint, refinish and MRO uses.
UT8706-2 Pencil Grinder
- Double front spindle bearing for increased durability and reduced vibration
- Roll throttle and small diameter grip for constant speed and operator control
- Supplied complete with coaxial hose assembly
- Rear exhaust keeps work area clean from cuttings

*Best for: Precision grinding in mold and die maintenance*

---

UT8714 Pencil Grinder
- Double front spindle bearing for increased durability and reduced vibration
- Roll throttle and small diameter grip for constant speed and operator control
- Supplied complete with coaxial hose assembly
- Rear exhaust keeps work area clean from cuttings

*Best for: Precision grinding in mold and die maintenance*

---

UT8708 Right Angle Pencil Grinder
- Roll throttle & small diameter grip for constant speed & operator control
- Supplied complete with coaxial hose assembly
- Rear exhaust keeps work area clean from cuttings
- Gearless design reduces maintenance costs
- 70,000 RPM for high speed, precision work

*Best for: Precision grinding in mold and die maintenance*

---

UT8600-1 Nibbler
- 16 Gauge cutting capacity
- Minimum cut radius 3/16” for detail work
- Heavy duty alloy steel anvil & 5 mm punch adds stability when cutting thicker materials
- Composite comfort grip
- Great tool for detail work
- Rear exhaust with internal silencer baffle reduces noise levels

*Best for: Detailed cutting of sheet metal*
**UT2710 Mini Die Grinder**
- 0.3 HP Motor
- Compact design & light weight reduce operator fatigue
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings

*Best for: General light duty intermittent grinding and deburring*

---

**UT2720 Die Grinder**
- 0.4 HP Motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings

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**UT2715 Angle Die Grinder**
- 0.4 HP Motor for extra stall resistance
- Spiral gear and full bearing design for reliability
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings

*Best for: General intermittent grinding in tight access areas*

---

**UT8737 115° Angle Die Grinder**
- 0.65 HP Motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- In-line speed regulator

*Best for: Difficult access continuous grinding*
### UT8724 Series Die Grinder

- 0.45 HP motor prevents stall when using 2" and 3" sanding discs
- Precision collet
- Precision throttle valve allows control
- Only 78 dBA noise pressure level
- Contoured "softouch" handle
- Precision spiral gears and heavy duty angle head
- Rear exhaust keeps cuttings away from work area

**Best for:** Precision grinding in die shops, precision engineering shops and aircraft/engine manufacture

- UT 8724T-20 has 1/4" x 20 TPI threaded spindle for use with threaded arbor sanding pads and accessories

### UT4425-1 Die Grinder

**UT4425E-1 (Extended) Die Grinder**

- Precision engineered; with all steel construction for reliability in heavy duty foundry, fabrication shops, shipyards, and petrochemical facilities
- 1.0 HP motor for stall resistance to match the job
- Latest design lock-off throttle for added comfort and ease of activation
- Reliable safety lock-off throttle
- Supplied with Erickson® style precision collet
- Parts interchange with CP® 9113G series

**Best for:** Super heavy duty grinding applications in foundry, shipbuilding and heavy metal fabrication

- UT4425E-1 has extended length spindle

### UT8749ADG

- Unique ultra heavy duty angle head and alloy steel spiral gear & pinion for extra reliability.
- Head height 2.5" from the top of angle head to the face of collet lock nut.
- 1.0 HP motor for added stall resistance.
- Insulated composite grip; reduces weight and operator fatigue, lock-off throttle lever.
- Rear exhaust.
- 1/4" Collet size

**Best for:** Continuous grinding and sanding 2" & 3" Disc

---

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<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Spindle/Collet Size (in.)</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Air Inlet</th>
<th>Air Cons</th>
<th>Av. Air Cons</th>
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<td>160</td>
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**UT8728 Die Grinder**

**UT8728E Extended Die Grinder**
- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Precision engineered for added reliability
- Ergonomic "Softouch" coating offers ultimate comfort and reduced vibration

*Best for: Continuous heavy duty grinding*

---

**UT8729-18 Angle Die Grinder**

**UT8729-12 Angle Die Grinder**
- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Precision engineered for added reliability
- Ergonomic "Softouch" coating offers ultimate comfort and reduced vibration
- Spiral machined bevel and pinion gears for smooth operation and durability

*Best for: Continuous heavy duty grinding, & sanding applications using 2" & 3" sanding discs*

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**UT8728S Steel Housing Die Grinder**

**UT8728SE Extended Steel Housing Die Grinder**
- 0.9 HP motor for ultimate stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Steel housing and precision engineered for added reliability
- Also available with threaded output spindle for use with cone wheel. (Model UT8728SE-CW)

*Best for: Continuous heavy duty grinding in rugged applications*

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**UT8728RT Router**
- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Precision engineered for added reliability
- Ergonomic "Softouch" coating offers ultimate comfort and reduced vibration
- 3" diameter; vertically adjustable guide plate

---

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<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Collet Size (in.)</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Rec. Hose (I.D. in.)</th>
<th>Air Cons (cfm)</th>
<th>Av. Air Cons (cfm)</th>
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<td>1/4”</td>
<td>3/8”</td>
<td>22</td>
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</tbody>
</table>
UT8727 RAPTOR Series Die Grinders

- 0.40 HP motor for added stall resistance
- Exceptionally large spiral gear and pinion double tool life
- Needle bearing provide smooth operation and reduce spindle run-out
- Erikson® style precision collet
- Only 79 dBA noise level and <2.5> ms/sec vibration
- Contoured composite housing for added comfort
- Latest design safety lock-off throttle for comfort and ease of activation
- Rear exhaust keeps air away from work area, tool can easily be changed to front exhaust
- Parts interchangeable with Ingersoll Rand® CA120RG4, CA200RG4 & CD200RG4

Best for: Continuous heavy duty grinding and sanding

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Spindle/Collet Size (in.)</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
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<th>Air Inlet (NPT)</th>
<th>Air Hose (I.D. in.)</th>
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<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>18</td>
<td>3.5</td>
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**UT8748 4” Angle Cut-off Tool**
**UT8748E 4” Extended Angle Cut-off Tool**

- 1.0 HP motor for added stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clear of blowing debris
- Ergonomic cushion comfort grip for comfort and reduced vibration
- 260 degree swivel guard and swivel air inlet for ultimate maneuverability in confined work area
- Guard and mounting flanges designed for use with Type 1 wheels
- Total angle head height 2.5"
- Model UT8748E is fitted with double pre-loaded ball bearings to provide the added support and reliability for this extended reach model

*Best for: Cutting pipes in boiler installation and repair, petrochemical plant maintenance; as well as cutting bolts and threaded fasteners*

---

**UT8726 Cut Off Tool**

- Impact resistant composite handle for reduced weight
- Clear polycarbonate guard for an unobstructed view
- Cuts up to 3/4” rolled steel
- Safety lock-off throttle
- Guard rotates for added maneuverability

*Best for: Cutting sheet metals and composites*

---

**UT2740-1 4” Angle Grinder**

- 0.75 HP Motor for good stall resistance
- Safety lock-off throttle
- Governor controlled to maintain speed under load
- Heavy duty spiral gears for reliability

*Best for: General intermittent grinding*

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Spindle Size</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Rec. Hose (D. in.)</th>
<th>Air Cons (cfm)</th>
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UT8775 4" Angle Grinder
UT8780 4-1/2" Angle Grinder
- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Governor controlled to maintain speed under load
- Heavy duty spiral gears for reliability
- Ergonomic composite grip for comfort and reduced vibration

Best for: Heavy grinding and MRO applications

UT8748-4 4" Low Profile Extended Angle Grinder
- 1.0 HP motor for added stall resistance
- Heavy duty alloy steel spiral gears
- Head height only 2-3/4" with guard fitted
- Patented adjustable 260° swivel guard
- Insulated composite grip reduces weight and operator fatigue
- Steel Type 27 guard
- Safety lock-off throttle

Best for: Heavy duty continuous grinding

UT8749-1 4" Heavy Duty Extended Angle Grinder
- 1.0 HP motor for added stall resistance
- Heavy duty alloy steel spiral gears
- Single piece motor-angle head housing adds durability
- Safety lock-off throttle
- Patented adjustable 260° swivel guard
- Includes flanges for grinding and cut-off wheels

Best for: Heavy duty continuous grinding

UT8749-5 5" Extended Angle Grinders
- Heavy duty angle head & alloy steel spiral gears for added reliability
- 1.0 HP motor for added stall resistance
- Features a patented spindle lock for ease of wheel removal
- Insulated composite grip; reduces weight and operator fatigue
- Removable side assist handle; distributes load on tool and increases control
- Fabricated steel Type 27 guard
- Safety lock-off throttle

Best for: Heavy duty continuous grinding

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Spindle Size</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
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UT8785-4 4” Angle Grinder
UT8785-5 5” Angle Grinder

- 1.3 HP Motor for added stall resistance
- Safety lock-off throttle
- One piece housing reduces maintenance costs
- Heavy duty air cooled spiral gears and double bearings for added durability
- Ergonomic composite grip for comfort and reduced vibration
- Exhaust silencing for added noise control
- Left or right hand assist handle positions

*Best for: Continuous use heavy duty surface preparation and material removal*

---

UT8766 7” Angle Grinder (1.7 HP)
UT8766-25 7” Angle Grinder (2.5 HP)
UT8766-259 9” Angle Grinder (2.5 HP)

- High HP Motor for added stall resistance
- Safety lock-off throttle
- One piece housing reduces maintenance costs
- Heavy duty air cooled spiral gears and double bearings for added durability
- Ergonomic composite grip for comfort and reduced vibration
- Dual exhaust silencing for added noise control
- Left or right hand assist handle positions

*Best for: Continuous use extra heavy duty surface preparation and material removal*

---

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<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Spindle Size</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
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<th>Length (mm)</th>
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<td>1/2”</td>
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**UT8767 7" Vertical Grinder**
- 2.0 HP Motor prevents stall under load
- Safety lock-off throttle
- Governor controlled to maintain speed for optimum material removal
- Double bearing spindle design for durability
- Built-in exhaust silencer system

**UT8767-23 7" Vertical Grinder**
- All of the features of UT8767 with a power packed 2.3 HP - six vane motor for added stall resistance

*Best for: Continuous heavy duty grinding*

---

**UT8769 9" Vertical Grinder**
- 2.0 HP Motor prevents stall under load
- Safety lock-off throttle
- Governor controlled to maintain speed for optimum material removal
- Double bearing spindle design for durability
- Built-in exhaust silencer system

**UT8769-23 9" Vertical Grinder**
- All of the features of UT8769 with a power packed 2.3 HP - six vane motor for added stall resistance

*Best for: Continuous heavy duty grinding*

---

<table>
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<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Speed (RPM)</th>
<th>Exhaust Size</th>
<th>Weight (lb)</th>
<th>Length (in)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
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Universal Tool UT8768 Series: 3.0 & 4.0 HP Vertical Grinders

- Governed 3.0 and 4.0 HP motors for constant speed.
- Housings made from high grade aluminum alloy for maximum strength.
- New design safety lock-off throttle and side assist handle, for ultimate operating comfort
- Internal silencing reduces noise level substantially
- Internal motor parts, spindle, governors and guards are interchangeable with UT300 & UT400V series.
- Wheel mounting flanges and guards follow ANSI standards.
- Nomenclature is laser etched onto throttle levers as well as on the riveted name plate

Best for: Extra heavy duty continuous material removal and grinding.

<table>
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<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Spindle Size</th>
<th>Guard Type</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Rec. Hose</th>
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<th>Av. Air Cons</th>
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<td>1/2”</td>
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## UT200H Horizontal Grinder Series
- 2.0 HP Motor prevents stall under load
- Governor controlled to maintain speed for optimum material removal
- Safety lock-off throttle
- Double pre-loaded bearing spindle design adds reliability
- Steel motor housing & spindle housing increase reliability
- Time proven reliable design

**Best for: Heavy duty continuous grinding**

## UT200H-90-CW Horizontal Grinder
## UT200H-90-CWE Extended Length
- 2.0 HP Motor prevents stall under load
- Governor controlled to maintain speed for optimum material removal
- Safety lock-off throttle
- Double pre-loaded bearing spindle design adds reliability
- Steel motor housing & spindle housing increase reliability
- Time proven reliable design
- The extended length grinder is 26" long overall for added reach

**Best for: Heavy duty continuous grinding**

## UT300H-60-6 6" Horizontal Grinder
- 3.0 HP Motor for extra stall resistance
- Safety lock-off throttle
- Stainless steel governor for reliability and maintaining speed under load
- Built-in lubricator increases reliability
- "Technaloy" housing provides ultimate strength with low weight

**Best for: Heavy duty continuous grinding**
8" Guard UT300H-60-8 available on request

## UT400H-60-6 6" Horizontal Grinder
- 4.0 HP Motor for ultimate stall resistance
- Safety lock-off throttle
- Stainless steel governor for reliability and maintaining speed under load
- Built-in lubricator increases reliability
- "Technaloy" housing provides ultimate strength with low weight

**Best for: Heavy duty continuous grinding**
8" Guard UT400H-60-8 available on request

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in)</th>
<th>Speed (RPM)</th>
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<th>Weight (kg)</th>
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<td>3&quot; Cone</td>
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<td>Type 1</td>
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<td>1/2&quot;</td>
<td>64</td>
<td>18.0</td>
</tr>
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</table>
### UT8749S Heavy Duty 5" Angle Sander
- 1.0 HP motor for added stall resistance
- Heavy duty alloy steel spiral gears
- Insulated composite grip reduces weight and operator fatigue
- Single piece motor-angle head housing adds durability
- Safety lock-off throttle

**Best for: Heavy duty continuous sanding/surface preparation**

### UT8756-1 7" Angle Sander
- 1.0 HP Motor for good stall resistance
- Safety Lock-off throttle
- Built-in regulator for positive speed control
- Heavy duty spiral gears for reliability

**Best for: General surface preparation**

### UT8766S 7" Angle Sander
- 1.7 HP Motor for ultimate stall resistance
- Safety lock-off throttle
- One piece housing reduces maintenance costs
- Heavy duty air cooled spiral gears and double bearings for added reliability
- Ergonomic composite grip for comfort and reduced vibration and dual exhaust silencing for noise control
- Left or right hand assist handle positions

**Best for: Continuous use heavy duty surface preparation and material removal**

### UT8767S Vertical Sander
- 2.0 HP Motor prevents stall under load
- Safety lock-off throttle
- Governor controlled to maintain speed for optimum material removal
- Double bearing spindle design for durability
- Built-in exhaust silencer system

**Best for: Continuous use heavy duty surface preparation and material removal**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Max. Wheel Dia. (in.)</th>
<th>Max. Wheel Spd (RPM)</th>
<th>Exhaust</th>
<th>Spindle Size</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Air Inlet</th>
<th>Rec. Air Hose</th>
<th>Air Cons.</th>
<th>Av. Air Cons.</th>
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<td>11.00</td>
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<td>Front</td>
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<td>2.2</td>
<td>12.00</td>
<td>305</td>
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<td>3/8&quot;</td>
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<td>1.25</td>
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<td>Side</td>
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<td>7,000</td>
<td>Side</td>
<td>5/8&quot; - 11</td>
<td>7.0</td>
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<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>30</td>
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</table>
**UT8798 Orbital Palm Sanders**
- 12000 RPM with 3/16” and 3/32” orbit choices
- Only 80 dBA noise level and <2.5> ms/sec vibration
- Choice of 5” or 6” balanced pads
- Built-in regulator for precise control
- Contoured composite comfort grip
- Weighs only 1.7 lbs
- Low profile only 3-1/2”
- Double sealed bearings increase reliability
- Complete with removable dust extraction shroud and hook-up
- UT8798-6 and UT8798-5 have a swivel dust extraction joint with adaptor for 1” and 1-1/4” hose

*Best for: Finishing applications on wood, metal, painted and composite materials*

**UT8799 Palm Sanders**
- 0.35 HP lubrication free motor for stall resistance
- Choice pad sizes to match the job
- Built-in speed regulator for control
- Comfortable rubber palm grip
- Rear exhaust keeps air away from work area

*Best for: Finishing applications on wood, metal, painted and composite materials*

**UT8791 & UT8794 3/16” Orbital Jitterbug Sanders**
- 0.40 HP Motor provides power to match the job
- Built-in regulator for positive control
- Rear exhaust with built-in silencing system for noise control
- Heavy duty sealed bearing for durability
- Only 78 dBA noise level and <2.5> ms/sec vibration

*Best for: Finishing wood, composite and painted surfaces*

**UT2780-1 Dual Action Sander**
- 0.5 HP Motor for heavier material removal
- Built-in regulator for positive control
- Ball bearing construction for durability

*Best for: General sanding and paint preparation*

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbit</th>
<th>Motor (HP)</th>
<th>Pad Dia. (in.)</th>
<th>Speed (RPM)</th>
<th>Spindle Size</th>
<th>Weight (lb.)</th>
<th>Height (in.)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Rec. Hose (I.D. in.)</th>
<th>Av. Air Cons (cfm)</th>
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<td>5/16&quot; - 24&quot;</td>
<td>1.7</td>
<td>3.5</td>
<td>90 psi-6.2 bar</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>4.0</td>
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<td>5&quot;</td>
<td>12,000</td>
<td>5/16&quot; - 24&quot;</td>
<td>1.75</td>
<td>3.5</td>
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<td>4.0</td>
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<td>6&quot;</td>
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<td>5/16&quot; - 24&quot;</td>
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<td>3.5</td>
<td>90 psi-6.2 bar</td>
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<td>3/8&quot;</td>
<td>4.0</td>
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<td>3&quot; x 4&quot;</td>
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<td>3.8</td>
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<td>1/4&quot;</td>
<td>3/8&quot;</td>
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<tr>
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<td>10,000</td>
<td>NA</td>
<td>2.4</td>
<td>3.8</td>
<td>90 psi-6.2 bar</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>6.2</td>
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<tr>
<td>UT2780-1</td>
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<td>6&quot;</td>
<td>12,000</td>
<td>5/16&quot; - 24&quot;</td>
<td>4.0</td>
<td>4.7</td>
<td>90 psi-6.2 bar</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>8.5</td>
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</table>
UT8702-1 Belt Sander 3/8”x13” Belt
UT8703-1 Belt Sander 3/4”x20-1/2” Belt
UT8704 Belt Sander 1-3/16”x21-1/4” Belt

- Head rotates 180 degrees for operating convenience and comfort
- Variable speed throttle for positive control
- Integral belt tracking keeps sanding belt in place

*Best for: Light grinding, sanding and deburring*

UT8718 Belt Sander 1/2”x12” Belt
UT8718K Belt Sander Kit 1/2”x12” Belt
UT8719 Belt Sander 3/4”x18” Belt
UT8719K Belt Sander Kit 3/4”x18” Belt

- Head rotates 360 degrees for operator convenience & comfort
- Interchangeable contact arms maximize operational capability
- Safety lock-off throttle
- Ergonomically designed side handle and grip for comfort and control
- Swivel air inlet and built-in silencing for noise control
- UT8718 Kit includes 4 interchangeable contact arms, 6 abrasive belts & 2 surface conditioning belts
- UT8719 Kit includes 6 interchangeable contact arms, 9 abrasive belts & 2 surface conditioning belts

*Best for: Light grinding, sanding, deburring and engine port work*

UT8701 Offset Belt Sander 1/4”, 1/2”x24” Belt

- Superior belt tracking permits use of 1/4”, 1/2”x 24” long belts
- Advanced ergonomic design composite grip
- Low weight composite belt guard allows quick & easy belt changes
- Safety lock-off throttle
- Built-in regulator adds control
- Interchangeable contact arms
- 0.5 HP motor provides power for sanding, grinding, deburring, blending, & polishing

*Best for: Continuous sanding and surface preparation*

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Belt size (in.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Rec. Hose I.D. (in.)</th>
<th>Air Cons (cfm)</th>
<th>Av. Air Cons (cfm)</th>
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<tr>
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<td>1.0</td>
<td>12.00</td>
<td>305</td>
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<td>3/8”</td>
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<td>1.0</td>
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<td>305</td>
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<td>3/8”</td>
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<td>1.3</td>
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<td>390</td>
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<td>1/4”</td>
<td>3/8”</td>
<td>16</td>
<td>4.0</td>
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<tr>
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<td>0.22</td>
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<td>18,000</td>
<td>Handle</td>
<td>2.9</td>
<td>1.3</td>
<td>15.35</td>
<td>390</td>
<td>90 psi-6.2 bar</td>
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<td>3/8”</td>
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<td>4.0</td>
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<tr>
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<td>Handle</td>
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<td>1/4”</td>
<td>3/8”</td>
<td>20</td>
<td>5.0</td>
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</table>
Drills

- The UT line of Industrial Drills, has been developed to offer a wide selection of product choices to meet the increased market demands for quality, accuracy and dependability; as well as meeting increased demands for low vibration, temperature insulation and general operator comfort.
- The Universal Tool line of drills offers a selection of fully enclosed gear and planetary gear drives. Various models within the UT Drill Series feature our “Softouch” coating; or comfort grips which provides insulation to the operator, along with reduced vibration.
- Handle design and balance are key features; these features coupled with our precision ported throttle design offer optimum operator comfort and control in continuous processes.
- We use only the highest grade materials, bearings, needle bearings and precision gears, to meet customer expectations for quality and dependability.
- With a wide range of speed choices, and HP capability the UT line of drills covers the needs of high volume continuous assembly processes, airframe and aerospace applications as well as intermittent MRO uses.
**UT8825 Mini 1/4” Drill**

**UT8825R Mini 1/4” Reversible Drill**
- Precision control two step trigger
- Spindle run out 0.002” for accuracy
- Internal handle silencing reduces noise level to 84 dBA
- Composite motor housing and handle for comfort
- Trigger mounted reverse for model U8825R provides instant change of direction

*Best for: General purpose drilling in tight areas*

---

**UT2810R 3/8” Reversible Drill**

**UT2850R 1/2” Reversible Drill**
- 0.5 HP Motor for extra stall resistance
- Reliable planetary gear system
- Trigger mounted reverse switch for convenient change of direction
- Contoured composite grip for comfort

*Best for: Intermittent general drilling and MRO*

---

**UT8833R-1 3/8” Reversible Drill**

**UT8840R-1 1/2” Reversible Drill**
- 0.65 HP Motor for extra stall resistance
- Double injection ergonomically advanced housing and grip
- Variable speed trigger with reverse on both sides
- Patented silencer reduces noise to 83 dBA
- Precision machined planetary gears with needle bearings
- Steel gear case for added durability

*Best for: Heavy duty continuous drilling*

---

**UT8860R-1 3/8” Reversible Angle Drill**
- 0.5 HP Motor for extra stall resistance
- Heavy duty spiral gears for reliability
- Rear exhaust keeps work area clean from cuttings
- Convenient button reverse switch

*Best for: Heavy duty drilling in tight access areas*

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Chuck</th>
<th>Weight (lb.)</th>
<th>Weight (kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Rec. Hose (D. In.)</th>
<th>Air Cons (cfm)</th>
<th>Av. Air Cons (cfm)</th>
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<td>1/4”/3/8”</td>
<td>14</td>
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<td>1,800</td>
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<td>3/8”</td>
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<td>1/4”/3/8”</td>
<td>18.4</td>
<td>4.6</td>
<td></td>
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</table>
UT8895 3/8" Drill / UT8895R Reversible 3/8" Drill
- 0.9 HP Motor for ultimate stall resistance
- Fully caged gears with needle bearings for ultimate reliability
- Ported throttle valve for ultimate control and reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability

*Best for: Continuous drilling in high volume applications
Reversible models are ideal for reaming and rivet removal*

UT8896 1/2" Drill / UT8896R Reversible 1/2" Drill
- 0.9 HP Motor for ultimate stall resistance
- Fully caged gears with needle bearings for ultimate reliability
- Ported throttle valve for ultimate control and reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability
- Assist handle for added control

*Best for: Continuous drilling in high volume applications
Reversible models are ideal for reaming and rivet removal*

UT8897 1/4" Direct Drive Drill (3/8" available on request)
- 0.9 HP Motor for ultimate stall resistance
- Double front bearing spindle for smooth operation and durability
- High speed for the fastest work in lighter weight materials
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability

*Best for: Fast drilling in alloys and other light materials*

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Throttle Style</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Chuck (in.)</th>
<th>Weight (lb)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
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<th>Air Inlet (NPT)</th>
<th>Rec. Hose (I.D. in.)</th>
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UT8843 "D" Handle Drill Series

- 1.1 HP Motor driven through a double reduction gear train provides the power and torque to drill holes in high grade steel up to 5/8" diameter
- "D" Handle with inside trigger and large side handle allow full feed force to be applied
- Side handle can be mounted on either side of gear case

*Best for: Heavy duty drilling in high grade metals*
Aircraft Tools

- Machined Carbon Fiber Blades & Carbon Steel Motor Parts
- Highest Precision Engineering Ensures 600,000 Cycles of Use
- Interchangeable Drilling Attachments
UT8892 Series Precision Pistol Drills
- Machined carbon fiber vanes & carbon steel motor parts allow "Oil Free" use
- Highest precision engineering ensures 600,000 cycles of use
- Internal silencer baffle reduces noise pressure level to 75 dBA
- Precision needle bearings and gears and gear case interchangeable with leading brand
- Advanced ergonomic handle design with insulated coating for maximum operator comfort
- Only 7.5” long & 1.3 lbs weight
- Ported throttle valve for precise variable speed control

Best for: Continuous precision air frame work

UT8892SP Series Internal Spline Drive Tools
- Has all of the design engineering features of the UT8892 series precision pistol drills
- Accepts all precision drill attachments shown of page 38
- Accepts leading brand of splined drilling attachments
- Only 6.1” long & 1.05 lbs weight

Best for: Continuous drilling in very tight access and hard to reach areas

UT8894 1/4" Aircraft Drill
- 0.9 HP Motor for ultimate stall resistance
- Fully caged gears with needle bearings for ultimate reliability
- Ported throttle valve for ultimate control and reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with “Softouch” coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability

Best for: Continuous high speed precision drilling in alloys

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<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Gear Ratio</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Chuck</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Rec. Hose (I.D. in.)</th>
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<td>1.2</td>
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UT8892HD-5 Internal Hex Drive Tools

- Has all of the design engineering features of the UT8892 series
- Accepts leading brand of 1/4" hex drive fastening attachments

UT8895RSP Reversible Internal Spline Drive Tool

- 0.8 HP Motor prevents stalls
- For use with drilling attachments shown on page 45
- Reversible for back drilling requirements
- Fully ported throttle for precise control
- Soft-touch housing for operator comfort
- See page 45 for drilling attachments

<table>
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<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Gear Ratio</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
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UT8891 Series 0.45 HP Precision Angle Drills
- Machined carbon fiber blades & carbon steel motor parts allow "Oil Free" use
- Highest precision engineering ensures 600,000 cycles of use
- Internal silencer baffle reduces noise pressure to 81 dBA
- 0.45 HP motor ensures no slow down & clean break through
- Precision engineered angle head and gears supported by ball bearings; and 1/4" x 28 TPI internal thread
- Motor parts 100% interchangeable with UT8892 pistol drills and UT8724 die grinder series
- Angle head interchangeable with UT8893 series

*Best for: Continuous precision air frame work*

*UT8891M Motor units available on request*

UT8893-26 Series Precision Angle & Straight Drills
- Machined carbon fiber blades & carbon steel motor parts allow "Oil Free" use
- Highest precision engineering ensures 600,000 cycles of use
- Internal silencer baffle reduces noise pressure to 78 dBA
- 0.9 HP motor ensures no slow down & clean break through even for larger diameter holes in high grade special alloy materials
- UT8893 series angle drills feature the same precision engineered angle head as the UT8891 series
- UT8893 series straight drills feature precision fully caged gears with needle bearings

*Best for: Continuous precision air frame work and general industrial applications*

*UT8893M Motor units available on request - internal hex*
Precision aircraft attachments fit all UT8891 and UT8893 angle drills as well as all UT8892SP series internal spline tools.

### 90° Angle Drill Attachment

93893-3348A

### 90° Short Angle Drill Attachment

93893-3348AS

### 45° Angle Head

93893-4580

### Indexable Drill Attachment

93893-3380PS
Precision aircraft attachments fit all UT8891 and UT8893 angle drills as well as all UT8892SP series internal spline tools.

“L” Type Off-Set

Precision Aircraft Drilling Attachments

93893-3380PL
93893-3380PL9
93893-3380PLE
93893-3380PLE7
93893-3380PLE9
FD Series “L” Type Off-set Attachments For Use With Standard 3 Jaw Drill Chucks (1/4-in.-1/2-in.)

Can be used with reversible drills for back drilling applications.
The UT line of screwdrivers, impact drivers, hold and drive tools and ratchets has been developed to offer a wide selection of product choices to meet the increased market demands for quality, accuracy and dependability; as well as meeting increasing demands for low vibration, temperature insulation and general operator comfort.

- The Universal Tool line of screwdrivers features a selection of automatic shut-off models, in pistol, straight and “Air on Top” configurations; as well as pistol grip positive drive and direct drive models. The UT precision ported throttle design adds further control.
- Various models in the UT line feature our “Softouch” coating which provides insulation to the operator, along with reduced vibration. We use only the highest grade materials, bearings, needle bearings and precision gears, to meet customer expectations for quality and dependability.
- With a range of speed choices, torque choices and drive mechanisms, the UT line of screwdrivers, impact drivers, hold and drive tools and ratchets; covers the needs of high volume continuous assembly processes, air frame and aerospace applications; as well as Intermittent MRO uses.
### UT8965 Positive Clutch Screwdriver
- 0.8 HP Motor for extra stall resistance
- Side trigger mounted reverse for rapid change in direction
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with “Softouch” coating offers ultimate comfort and reduced vibration

**Best for: High volume, high prevailing torque self-tapping screws and fasteners**

### UT8966 Positive Clutch Screwdriver
- 0.9 HP Motor with direct drive with positive clutch
- Above trigger mounted reverse for rapid change in direction
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with “Softouch” coating offers ultimate comfort and reduced vibration

**Best for: High volume, high prevailing torque self-tapping screws and fasteners**

### UT8964-1 Pistol Adj. Clutch Screwdriver
- 0.65 HP Motor for optimum torque
- Double injection mold ergonomically advanced housing and grip
- Pistol grip models have reverse on both sides of trigger
- Precision machined planetary gears with needle bearings
- Patented adjustable clutch allows variable torque in forward & reverse

**Best for: High volume assembly where torque adjustment is required**

### UT8968 / UT8969 Direct Drive Screwdriver
- 0.5 HP Motor with direct drive for extra stall resistance
- Unique paddle forward-reverse trigger for instant change in direction
- Compact design for increased access and comfort
- Through handle exhaust
- "Softouch" handle coating offers ultimate comfort and reduced vibration

**Best for: High volume self-tapping/assembly**

---

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<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Torque Range (in. lb.)</th>
<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Chuck</th>
<th>Weight (lb.)</th>
<th>Weight (kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
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<td>3/8&quot;</td>
<td>16</td>
<td>4.0</td>
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</table>
UT8825RQ Direct Drive Screwdriver
- Precision control two step trigger
- Internal handle silencing reduces noise level to 84 dba
- Composite motor housing and handle for comfort
- Trigger mounted reverse

Best for: General light duty assembly

UT8960-1 / UT8961-1 Adjustable Clutch Angle Auto Shut-Off Screwdriver
- Rear exhaust
- Rugged steel angle head-overall height 1-5/8”
- Thumb operated reverse switch
- Built-in suspension bail
- Built-in comfort grip
- Easy to adjust clutch

Best for: Precision high volume assembly

UT2960
- Side trigger mounted reverse for rapid change of direction
- Through handle exhaust
- Adjustable clutch

Best for: General light duty assembly

UT2964
- Side trigger mounted reverse for rapid change of direction
- Through handle exhaust
- Adjustable clutch

Best for: General light duty assembly

<table>
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<tr>
<th>Model</th>
<th>Motor (HP)</th>
<th>Motor (kW)</th>
<th>Torque Range (in. lb.)</th>
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### UT8963-5 / UT8963-11 / UT8963-17

**Auto Shut Off Screwdrivers**

- Adjustable auto shut-off clutch for precision, smooth disengagement and minimum vibration
- A choice of speeds to fit your job, with convenient thumb operated reverse
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system and built-in suspension bail
- "Softouch" handle grip offers ultimate comfort and reduced vibration

*Best for: Precision high volume assembly*

### UT8963AT-5 / UT8963AT-11 / UT8963AT-17

**Air on Top Auto Shut-Off Screwdrivers**

- Air on top feature allows for clean vertical suspension without trailing hoses
- Adjustable auto shut-off clutch for precision, smooth disengagement and minimum vibration
- A choice of speeds to fit your job, with convenient thumb operated reverse
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system and built-in suspension bail
- "Softouch" handle grip offers ultimate comfort and reduced vibration

*Best for: Precision high volume assembly*

### UT8962-11 / UT8962-17

**Auto Shut Off Straight Screwdrivers**

- Adjustable auto shut-off clutch for precision, smooth disengagement and minimum vibration
- A choice of speeds to fit your job, with convenient thumb operated reverse
- Precision engineered, for ultimate reliability
- Rear exhaust with built-in silencing system and built-in suspension bail
- "Softouch" handle grip offers ultimate comfort & reduced vibration

*Best for: Precision high volume assembly*

---

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<tr>
<th>Model</th>
<th>Motor (HP)</th>
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<th>Speed (RPM)</th>
<th>Exhaust</th>
<th>Chuck</th>
<th>Weight (lb.)</th>
<th>Weight (Kg)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
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<td>3/8&quot;</td>
<td>16</td>
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</table>
UT8080Q / UT8080P Impact Drivers

- Hard hitting twin hammer-75 ft.lb. max. torque for high prevailing torque fasteners
- Powerful 7 vane 10,000 RPM motor for fast and efficient run down
- Combined trigger mounted reverse and power management
- Through handle exhaust with built-in silencing system
- Combined “Softouch” coating and ergonomic grip offers ultimate comfort and reduced vibration
- 30% bias motor for maximum power in forward direction

*Best for: High volume, high prevailing torque, fast run-down self tapping screws and fasteners.*

---

UT8090Q Impact Driver

- Hard hitting twin hammer-65 ft.lb. max. torque
- 6 vane motor produces 8,500 RPM
- Rear mounted reverse switch
- Through handle exhaust

*Best for: High volume, high prevailing torque, fast run-down self tapping screws and fasteners.*

---

UT8095Q Compact Design Impact Driver

- Hard hitting twin hammer
- Thumb operated reverse switch in side of housing
- Double injection grip for added comfort
- Handle exhaust
- Fast run down speed
- Compact design (5-3/8” length) and low weight 1.6 lbs
**UT8941 / UT8942 / UT8944**

## Hold and Drive Fastening Tools

- A choice of speeds and hold and drive heads to handle Riv-nut® setting from 3mm to 10mm / 1/4" to 3/8"
- Unique paddle forward-reverse trigger for instant change in direction
- 0.4 HP Motor for extra stall resistance
- Through handle exhaust
- Combined "Softouch" coating and ergonomic grip offers ultimate comfort and reduced vibration
- When ordering, a model and head size must be stated

**Best for:** High volume hold and drive applications in aircraft and light assembly industries

### Hold & Drive Nut Setter Heads

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### UT8941 / UT8942 / UT8944

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<th>Weight (kg)</th>
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<th>Length (mm)</th>
<th>Rec. Pressure</th>
<th>Air Inlet (NPT)</th>
<th>Air Hose (ID, in.)</th>
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**UT2000-1 1/4" Mini Ratchet Wrench**

- Triple idler gear for smooth operation
- Steel ratchet head for reliability
- Choice of 1/4" and 3/8" square drive sizes
- Compact design for tight access work
- Sealed ratchet head for added reliability
- Ergonomic compact grip

*Best for: Intermittent MRO and vehicle service*

---

**UT2003-1 3/8" Mini Ratchet Wrench**

- Triple idler gear for smooth operation
- Steel ratchet head for reliability
- 3/8" Square drive size

*Best for: Intermittent MRO and vehicle service*

---

**UT2005-1 3/8" Ratchet Wrench**

- Triple idler gear for smooth operation
- Steel ratchet head for reliability
- 3/8" Square drive size

*Best for: Intermittent MRO and vehicle service*

---

**UT2010 1/2" Ratchet Wrench**

- Extended length and powerful motor provide 75 ft. lb. torque in hard to reach areas
- Heavy duty steel ratchet head for reliability
- 1/2" Square drive size

*Best for: Intermittent MRO and vehicle service on higher torque fasteners and hard to reach areas*

---

**UT8006 3/8" Ratchet Wrench**

- Powerful motor provides high torque
- Triple idler gear and twin pawl drive for smooth operation
- Triple heat treated alloy steel ratchet and head for ultimate reliability
- Precision engineered for added reliability
- Ergonomic "Softouch" coating for operator comfort

*Best for: Heavy duty MRO and vehicle service*

---

**UT8010-1 1/2" Ratchet Wrench**

- Extended length and powerful motor provide 90 ft. lb. torque in hard to reach areas
- Sealed Triple heat treated alloy steel ratchet and head for ultimate reliability
- 1/2" Square drive size
- Precision engineered for added reliability
- Contoured comfort grip and trigger for operator comfort
- 360° exhaust diffuser

*Best for: Heavy duty MRO and vehicle service on higher torque fasteners and hard to reach areas*

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<th>Exhaust</th>
<th>Anvil</th>
<th>Weight (lb.)</th>
<th>Length (in.)</th>
<th>Rec. Pressure</th>
<th>Air Inlet</th>
<th>Rec. Hose D. (in.)</th>
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## Air-Hydraulic Riveters

### UT8910 3/16" Air-Hydraulic Riveter
- Traction power 2,000 lb. force, handles 1/8" to 3/16" aluminum rivets
- Alloy steel jaws and forged aluminum hydraulic cylinder for reliability
- Complete with three nose pieces, 1/8", 5/32", 3/16" and an extra set of jaws
- Swivel air inlet provides comfort and convenience

*Best for: Blind riveting in container and trailer and recreational vehicle assembly*

### UT8920 1/4" Air-Hydraulic Riveter
- Traction power 3,200 lb. force, handles 1/8" to 1/4" aluminum rivets
- Alloy steel jaws and forged aluminum hydraulic cylinder for reliability
- Swivel air inlet provides comfort and convenience
- Built-in comfort grip
- Supplied with 2 nose pieces 3/16", 1/4" and an extra set of jaws

*Best for: Blind riveting in container and trailer and recreational vehicle assembly*

### UT8922 1/4" Air-Hydraulic Riveter
- 3,500 lb pull force allows use for rivet materials up to 1/4" including stainless steel
- Vac feature hold rivet for perpendicular applications
- Comfortable trigger with high-low setting
- Swivel air inlet for maneuverability
- Rubberized grip for comfort
- Detachable mandrel collector
- Built-in silencer reduces noise level
- Designed for continuous operation

*Best for: Trailer construction and repair*

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<th>Length (in.)</th>
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UT9210-1  UT9220-1  UT9230-1  UT9240-1

MADE IN USA

UT920 High Performance Air Mover

The engineering of the JET AIR blades cause more air to be pulled through the fan by our trailing edge design. By using the UT JET AIR design, we are able to move more air in the forward direction like a Jet Prop, producing superior air flow with a lot less energy. The results are simple "We move more air by design at lower fan speeds using less energy than the competition."

Features
• Dynamically balanced 4 blade design for smoother operation
• High visibility orange-powder coated stainless steel fan shroud for safety
• Manufactured to aircraft tolerances and specifications
• Fits 20" API flange for quick and painless mounting
• Moves more air by design, at air pressures between 40-110 psi (2.75-7.6 bar)
• Reduces air turbulence by design, smoother air flow at all RPM's using only 2 rotating parts
• Hy-Tech bearing grease used in all high speed "Jet Air Bearings"
• Can be used as a blower or exhauster by turning it around

Specifications
• Fan assembly shaft rotates on permanently sealed ball bearings
• Air consumption at 60 PSI, 115 CFM@2,700 RPM
• Fits 20" (508mm) API tank opening bolt circle
• Delivery-up to 11,200 CFM (19,029 m3/hr)
• Max 120 PSI, working pressure 40-110 PSI
• Weight 103 lbs. (Shipping weight 113 lbs.)
• Mounting slots 1-1/8" diameter
• Air inlet 3/4" NPT

UT920-1/20-1/30-1/40-1 Air Mover

Universal Tool air movers, disperse fumes, introduce air into confined spaces, cool working areas or machinery. Used in refineries, chemical plants, utilities, fabrication shops, shipyards and other industrial applications.
• Rugged construction for durability and long life
• Cap screw with locking nut used for fastening - no blind rivets
• Simple design easily replaced parts for field maintenance
• Air displacement for 1,400 to 6,260 CFM
• Supplied with grounding lug, wire, clip and crows foot connector

Air Flow and Consumption based on 80 PSI air pressure. Maximum air pressure 150 PSI.
Hose Reels, Hose Assemblies & Accessories

Model 6800
- High impact PP material
- 3/8" x 50' PVC hose
- 300 PSIG max pressure
- Automatic, ratchet free running
- Steel mounting bracket
- Best for work bench applications

Model 6801 & 6802
- Heavy duty reinforced steel construction
- Reel supported on both sides by pedestals and arm guides
- Four non-snag roller hose guides reduce hose wear
- Spring retractable design allows automatic rewind of hose
- Spring protector prevents hose damage and stretching
- Reinforced steel mounting plate for floor, wall or overhead mounting
- Model 6801 has 3/8" x 50' rubber air hose rated to 300 PSIG max with brass male 1/4" NPT fitting
- Model 6802 has 1/2" x 50' rubber air hose rated to 300 PSIG max with brass male 1/2" NPT fitting

Heavy Duty Air Hose
- Braided rubber air hose rated to 300 PSIG max pressure
- Brass fittings
- Oil and abrasion resistant
- Service temperature -60°F to 150°F

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>6700</td>
<td>3/8&quot; x 25' air hose</td>
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<tr>
<td>6701</td>
<td>3/8&quot; x 50' air hose</td>
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<tr>
<td>6702</td>
<td>3/8&quot; x 100' air hose</td>
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<tr>
<td>6710</td>
<td>1/2&quot; x 25' air hose</td>
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<tr>
<td>6711</td>
<td>1/2&quot; x 50' air hose</td>
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<tr>
<td>6712</td>
<td>1/2&quot; x 100' air hose</td>
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Whip Hose With Oiler Assembly

<table>
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<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>117405</td>
<td>1/2&quot; x 6' whip hose</td>
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<tr>
<td>UT93106</td>
<td>1/2&quot; Whip hose with oiler assembly</td>
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For Use With Width Part Number

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<th>Width</th>
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<td>UT8701 Belt Sander</td>
<td>1/2&quot;</td>
<td>96V-610541</td>
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<td>1/4&quot;</td>
<td>96V-610541</td>
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<td>UT8718 Belt Sander</td>
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<td>1/2&quot;</td>
<td>96V610341</td>
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<td>96V610341</td>
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<tr>
<td>UT8719 Belt Sander</td>
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<td>96T6201</td>
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<td>3/4&quot;</td>
<td>96T6201</td>
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<tr>
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<td>1/2&quot;</td>
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<td>96W6201</td>
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<td>1/4&quot;</td>
<td>96X6201</td>
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Part Number Descriptions

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<th>Descriptions</th>
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<tr>
<td>8732376</td>
<td>4&quot; Type 27 Wheel</td>
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<tr>
<td>8731784</td>
<td>5&quot; Sanding Pad</td>
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<tr>
<td>5416</td>
<td>6&quot; Foam-backed dual-action pad</td>
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<tr>
<td>8731247</td>
<td>7&quot; Back-up pad</td>
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<tr>
<td>8731184</td>
<td>7&quot; Rubber back-up pad</td>
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<tr>
<td>95A5C</td>
<td>5&quot; 5 Hole Hook &amp; Loop Pad</td>
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<tr>
<td>95A6C</td>
<td>6&quot; 6 Hole Hook &amp; Loop Pad</td>
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<tr>
<td>8731783</td>
<td>5&quot; Backup Pad</td>
</tr>
<tr>
<td>8731075</td>
<td>Pad Nut</td>
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.401 Shank Chisels

5010 Muffler removal chisel
5020 Ripping chisel
5030 Tapered punch
5040 7” Cold chisel
5050 Rivet cutter
5060 Spot weld buster chisel
5080 Single blade panel cutter
5090 Edging and cutting chisel
5100 Double blade panel cutter
5140 1” Face smoothing hammer
5190 Angle scraper
5200 Muffler splitter
5220 Wide cold chisel
5270 Tie rod separator
5280 Ball joint separator
88908 UTA88908 Panel cutter with two cutting edges
88910 UTA88910 Flat chisel 7”
88910-11 UTA88910-11 Flat chisel 11”
88912 UTA88912 Rivet cutter
88913 UTA88913 Blank chisel
Chipping Hammer Chisels
.680 Shank Diameter Forged Chisels for use in UT8642 through UT8644 series and UT8651 through UT8654 series hammers and most competitive tools. Available with hex shanks specify "H" after part number.

- UTA88303 Flat Chisel
- UTA88305 Cape Chisel
- UTA88307 Round Nose
- UTA88309 Diamond Point
- UTA88313 Moil Point
- UTA88321 Tooth Chisel
- UTA88325 Flat Chisel, 1-1/2" wide
- UTA88337 Gouge Chisel

Scaler Chisels & Attachments
For use with UT8630 Series, CLECO, ROTO, ARO,and CP9536 Scalers.

- UTA88390 3" Blade Chisel
- UTA88391 Blank Chisel
- UTA88392 Cold Flat Chisel
- UTA88393 1-3/8" Blade Chisel
- UTA88394 Angle-Blade Chisel
- FJ5001 Cold Flat Chisel (For use with UT8650 Flux Chipper)
- FJ5002 1-3/8" Blade Chisel
- FJ5003 Angle-Blade Chisel
- UTA88398 Needle Scaler Attachment
  Converts UT8630 chisel scaler to needle scaler.
- UTA85130 5" Needles (Set of 18)
  For use with UT648/8649 5" Scalers.
- 109020 Set of 19 Needles 1/8" x 7"
  For use with UT8632/8633/8635/8638/8640 7" Scalers.
- 109020-28 Set of 28 Needles 1/8" x 7"
- 109170 Set of 38 Needles 2mm x 7"
- 109170-58 Set of 58 Needles 2mm x 7"
- UTA 88395 4" Flex Blade Chisel
  For use with UT8630LI
- UTA88396 6" Flex Blade Chisel
  For use with UT8630LI
- UTA85836 Vacuum Shroud
- UTA85836L Vacuum Shroud Long Bristle Brush

Air Files
For use with Universal Tool Air Files
- 5679 Flat Mill Cut, 3-pack
- 5680 Round Single Cut, 3-pack
- 5681 Triangle Single Cut, 3-pack
- 5682 Flat Bastard Cut, 3-pack
- 5683 Set of 4 assorted files
Carbide Insert Chisels for UT9922
5340 3/8" Blade
*5350 3/4" Blade
5360 1 1/2" Blade
*1 pc supplied with UT9922

Chipping Hammer Retainer
9729583-A Retainer
For use with Universal Tool Chipping Hammers
9729584 Spring for Retainer

Utility Hammer Accessories
UTA83309 Positive Quick-Change Safety Lock
5130 One-Piece Safety Retainer
5120 Quick-Change Retainer Spring
5210 Beehive Retainer Spring

Air Inlet Swivels
UTA85810 3/8" Air Inlet Swivel
UTA85815 7/8" Air Inlet Swivel

Saw Blades
For use with reciprocating saws
5650 10 assorted H.S.S. Blades
5651 10-pack 18 TPI Scroll Blades
5652 10-pack 24 TPI Scroll Blades
5653 10-pack 32 TPI Scroll Blades
5654 10-pack 18 TPI All-Purpose Blades
5655 10-pack 32 TPI All-Purpose Blades
5656 3-pack TPI Bi-Metal Blades
### Industrial Chucks

- **Part No.** 5976  
  **Description** 8732376 1/2" Jacobs® Industrial 33B Ball Bearing Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 5916
- **Part No.** 5952  
  **Description** 3/8" Jacobs® Best Industrial 31B Ball Bearing Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 5915
- **Part No.** 5965  
  **Description** 1/4" Jacobs® Best Industrial 30B Ball Bearing Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 3659
- **Part No.** 5927R  
  **Description** 1/4" Rohm Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 5917R
- **Part No.** 6208  
  **Description** 1/4" Jacobs® Industrial 1BA Ball Bearing Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 5917
- **Part No.** 5961  
  **Description** 1/4" Keyless Industrial Chuck  
  **Mount Size** 3/8" - 24  
  **Key** 5917
- **Part No.** 52030  
  **Description** 3/8" Industrial Keyless Chuck  
  **Mount Size** 3/8" - 24  
  **Key** 5917
- **Part No.** 5960  
  **Description** 3/8" Jacobs® Keyless Chuck  
  **Mount Size** 3/8" - 24  
  **Key** 5917
- **Part No.** 5975  
  **Description** 1/2" Jacobs® Multi-craft Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 5912
- **Part No.** 5950  
  **Description** 3/8" Jacobs® Multi-craft Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 5914
- **Part No.** 5925  
  **Description** 1/4" Jacobs® Chuck & Key  
  **Mount Size** 3/8" - 24  
  **Key** 5914

### Keyless Chucks

- **Part No.** 5961
- **Part No.** 52030
- **Part No.** 5960

### Economy Chucks

- **Part No.** 5975
- **Part No.** 5950
- **Part No.** 5925

### Chuck Keys

- **Part No.** 5916
- **Part No.** 5912
- **Part No.** 5917R
- **Part No.** 5915
- **Part No.** 5914
- **Part No.** 5917
Grinding Guards and Collet Sets

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
<th>Suitable for use</th>
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<tbody>
<tr>
<td>9619042</td>
<td>4&quot; Type 27 Guard</td>
<td>UT2740-1</td>
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<td>9804535</td>
<td>4&quot; Type 27 Guard</td>
<td>UT8775</td>
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<tr>
<td>9804536</td>
<td>4-1/2&quot; Type 27 Guard</td>
<td>UT8780</td>
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<td>985052</td>
<td>4&quot; Type 27 Guard</td>
<td>UT8785-4</td>
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<tr>
<td>985053</td>
<td>5&quot; Type 27 Guard</td>
<td>UT8785-5</td>
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<tr>
<td>95B-3011B34</td>
<td>4&quot; Type 27 Guard</td>
<td>UT8748-4</td>
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<tr>
<td>95B-321142</td>
<td>4&quot; Type 27 Guard</td>
<td>UT8749</td>
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<tr>
<td>987053</td>
<td>7&quot; Type 27 Guard</td>
<td>UT8766, UT8766-25</td>
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<tr>
<td>988040</td>
<td>7&quot; Type 27 Guard</td>
<td>UT8767, UT8767-23</td>
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<tr>
<td>95G-300V43</td>
<td>7&quot; Type 27 Guard</td>
<td>UT300V-60-7, UT300V-72-7, UT400V-60-7, UT 8768-3V Series</td>
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<tr>
<td>95H-400V43</td>
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<td>UT300V-60-9, UT400V-60-9, UT 8768-4V Series</td>
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<tr>
<td>988040-1</td>
<td>9&quot; Type 27 Guard</td>
<td>UT8769, UT8769-23</td>
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<tr>
<td>92001-5059</td>
<td>6&quot; Type 1 Cup Wheel Guard</td>
<td>UT200H-60-6</td>
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<tr>
<td>650-HS-56A</td>
<td>6&quot; Type 1 Cup Wheel Guard</td>
<td>UT300H-60-6, UT400H-60-6</td>
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<td>650-HS-58A</td>
<td>8&quot; Type 1 Wheel Guard</td>
<td>UT300H-60-8, UT400H-60-8</td>
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<tr>
<td>95L-3011B34</td>
<td>4&quot; Type 1 Cut-off Guard</td>
<td>UT8748, UT8748E</td>
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<tr>
<td>122110</td>
<td>3&quot; Clear Guard</td>
<td>UT8726</td>
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Die Grinder Collets and Wrenches

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<th>Part Number</th>
<th>Description</th>
<th>Suitable for use</th>
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<td>6mm Precision Collet</td>
<td>UT8728, UT8728E, UT8728S, UT8729-12, UT8729-18</td>
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<td>9872827</td>
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<td>UT8729-12, UT8729-18</td>
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<td>9308026</td>
<td>1/4&quot; Precision Collet Wrench</td>
<td>UT8728, UT8728E, UT8728S, UT8729-12, UT8729-18</td>
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<td>1/4&quot; Precision Collet Nut</td>
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<td>9872411</td>
<td>1/4&quot; Precision Collet Body</td>
<td>UT8724</td>
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<td>UT8724-12, UT8724-20</td>
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<td>UT8724, UT8724-12, UT8724-20</td>
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<td>70498200</td>
<td>1/4&quot; Erickson® Collet</td>
<td>UT4420</td>
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<td>5910</td>
<td>1/4&quot; General Purpose Collet Set</td>
<td>All 3/8 - 24&quot; Spindle Tools</td>
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<td>1/8&quot; General Purpose Collet</td>
<td>All 3/8 - 24&quot; Spindle Tools</td>
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<td>All 3/8 - 24&quot; Spindle Tools</td>
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<td>5905</td>
<td>1/4&quot; General Purpose Collet Wrench</td>
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<td>5903</td>
<td>1/4&quot; Slip Chuck Nut</td>
<td>5900</td>
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<td>5908</td>
<td>1/8&quot; Slip Collet Insert</td>
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<tr>
<td>6369</td>
<td>(1) Pc. 1/4&quot; NPT Male Threads Drain Cock</td>
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<tr>
<td>6360</td>
<td>(3) Pc. 1/4&quot; NPT Male Threads Brass Connector Kit</td>
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<td>6361</td>
<td>(2) Pc. 1/4&quot; NPT Female Threads Brass Connector Kit</td>
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<td>6362</td>
<td>(2) Pc. 3/8&quot; to 1/4&quot; NPT Threads Brass Adapter Kit</td>
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<td>6363</td>
<td>(2) Pc. 3/8&quot; NPT Female and Male Connector Kit</td>
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<td>6364</td>
<td>(1) Pc. Industrial Body, 1/4&quot; NPT Female Threads-Quick Connect Coupler</td>
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<td>6365</td>
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<td>6372</td>
<td>(2) Pc. Industrial Body, 1/4&quot; NPT Male Threads-Quick Connect Studs</td>
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<td>6374</td>
<td>(3) Pc. Universal Coupler Kit-1/4&quot; female NPT Universal Body Quick-Connect Studs</td>
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<td>6375</td>
<td>(2) Pc. Industrial Body, 1/4&quot; NPT Female Threads-Quick Connect Studs</td>
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<td>(2) Pc. Industrial Body, 3/8&quot; NPT Threads (Male and Female) Quick Connect Studs</td>
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<td>(3) Pc. Universal Coupler Kit-1/4&quot; female NPT Universal Body Quick-Connect coupler</td>
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<td>6378</td>
<td>1/4&quot; male NPT Quick-Connect Studs</td>
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<td>6379</td>
<td>3/8&quot; NPT male Quick-Connect Stud</td>
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<td>6380</td>
<td>(1) Pc. 1/4&quot; NPT Swivel Connector (Aluminum 360°)</td>
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<td>(1) Pc. Extendable Blow Gun</td>
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<tr>
<td>5711</td>
<td>(1) Pc. 1/4&quot; Regulator</td>
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**UT9310/20/30/40 In-Line Oilers**

Universal Tool in-line oilers will keep your air tools lubricated continuously for longer life and better performance. These features mean less down time and more convenience. Every in-line oiler is pressure tested and built to last. The metering valve is guaranteed for life, never to fail.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Number</th>
<th>Pipe Size NPT (in.)</th>
<th>Weight (lbs.)</th>
<th>Length x Width x Height (in.)</th>
<th>Oil Capacity (oz.)</th>
<th>Air Capacity (SCFM)</th>
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<td>.10</td>
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<td>1-1/2</td>
<td>4-1/2 x 1-3/16 x 2-1/16</td>
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<td>100</td>
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<td>3/4</td>
<td>2</td>
<td>7 x 3-3/8 x 3-11/16</td>
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<td>4-1/4</td>
<td>10 x 3-7/8 x 4-3/16</td>
<td>16</td>
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Air Capacity based on 100 PSI air pressure and single tool application.

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**Air Tool Lubricants**

5809 Mini Grease Gun
5815 Air Tool Lubricant 4oz.
5816 Air Tool Lubricant 32oz.

---

**Pressure Gauge**

<table>
<thead>
<tr>
<th>Pressure Gauge</th>
<th>Model No.</th>
<th>Description</th>
<th>Min-Max PSI</th>
<th>NPT</th>
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<tr>
<td>SW-GB2</td>
<td>2” Gauge Bottom Mount</td>
<td>0-300 PSI</td>
<td>1/4” NPT</td>
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<td>SW-GC15</td>
<td>1-1/2” Gauge - Center Back</td>
<td>0-200 PSI</td>
<td>1/4” NPT</td>
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<td>SW-GC158</td>
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<td>0-200 PSI</td>
<td>1/8” NPT</td>
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<td>SW-GC2</td>
<td>2” Gauge - Center Back</td>
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<tr>
<td>Pressure Gauge</td>
<td>SW-R14</td>
<td>Air Pressure Regulator</td>
<td>1-135 PSI</td>
<td>2-1/4” x 2-1/8”</td>
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</table>
**Mounted Wheel**

- 5615 3/4" Cone (set of 10)
- 5616 1" Round (set of 10)
- 5617 1-1/4" Flat
- 5618 1" Cylinder (set of 10)
- 5619 3/4" Cylinder
- 5620 5 Pc. Set (Includes 1 ea. above.)

**Cut-Off Wheels**

- 122060 Six Standard-Duty Cut-Off Wheels
Use of Accessories with Air Tools

- When selecting the correct accessory to use with your Air Tool(s) the following points must be carefully checked.
- The accessory is rated to run at or above the maximum rated speed of the Air Tool that you plan to use it on. Air Tool Manufacturers specify these speeds in their catalogs and operator instructions.
- Accessories used on Abrasive Tools, Impact Wrenches, Nut Runners, Ratchets, Air Hammers and Scaling Hammers must be rated for use with the relevant Air Tool.
- Any accessory used should be of the correct size and design for the Air Tool(s) that you plan to use it with.
- Worn accessories should not be used and accessories should not be modified in any way.
- Mounting and fitting instruction for any accessory to be used on an Air Tool must be carefully followed at all times.
- Use of worn or incorrect accessories may reduce tool performance, create excessive tool wear and can be hazardous.
- Always disconnect the tool from the air supply when changing of fitting accessories, guards or other fittings.

Operator Training for Air Tool; Air Tool Accessory and Compressed Air Use

- All operators should be trained in the correct installation and use of the Air Tool/s that they are required to operate.
- All operators should be trained to understand the safety instructions provided by the Air Tool Manufacturer, for each Air Tool that they are required to operate.
- All operators should be trained in the safe use of Compressed Air and the use of associated Air Hoses, Connectors and Air Tool Accessories.
- All operators should be trained to operate Air Tools and Accessories safely and correctly on the application that you plan to use them for.
- Operators or service personnel should be trained to ensure that the Air Installation, Lubricators, Filters, Regulators, Hoses and Air Nipples and Connectors are checked regularly to ensure that they meet the requirements set on a continuous basis.

Safety and Hazards Related to Air Tool Use

- Universal Tool provides clear Safety and Hazard Warning Information in their Catalogs, Operator Instructions, and on its Tools.
- ANSI also provide safety information. The following Hazard /Safety Instructions must be followed at all times: Obtain a copy of ANSI B186.1 Safety Code for Portable Air tools, available from American National Standards Institute. Inc., 11 West 42nd Street, New York, 10036.
- Compressed Air Hazard.
- Projectile Hazard.
- Breathing Hazard.
- Vibration Hazard.
- Hearing Hazard.
- Entanglement Hazard.
- Use of Safety Wear and Eye, Ear and Hand Protection.
- Use of Abrasive Tools.
- Use of Impact Tools.
- Use of Assembly Tools, Drills and Screwdrivers.
- Use of Air Hammers, Chipping and Scaling Hammers.
- Correct fitting and use of Accessories.
- Never to service, inspect the tool, or change an accessory while the Air Supply to the Air Tool is still connected.

Air Tool Tips

<table>
<thead>
<tr>
<th>Set-Up</th>
<th>Air Pressure</th>
<th>Air Pressure</th>
<th>Low air pressure reduces motor speed and torque, and the tool will not perform to specification</th>
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<tbody>
<tr>
<td></td>
<td>Pressure Less Than 90 PSI</td>
<td>Pressure Higher than 90 PSI</td>
<td>High pressure increases motor speed and torque and leads to premature tool wear and is hazardous</td>
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<tr>
<td>Air Volume</td>
<td>Insufficient Air Volume</td>
<td>Rated ID Hoses Not Using Rated Sizes</td>
<td>Rated inside diameter hoses should be used throughout installation. Rated nipple size should used throughout Installation. Will reduce motor HP &amp; torque/speed</td>
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<tr>
<td></td>
<td>Use of Air Hammers, Chipping and Scaling Hammers. Correct fitting and use of Accessories. Never to service, inspect the tool, or change an accessory while the Air Supply to the Air Tool is still connected.</td>
<td></td>
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<tr>
<td>Performance Symptom</td>
<td>Check 1</td>
<td>Check 2</td>
<td>Check 3</td>
</tr>
<tr>
<td>Low Power</td>
<td>Check 1</td>
<td>Check 2</td>
<td>Check 3</td>
</tr>
<tr>
<td>Low/no rotation</td>
<td>Check 1</td>
<td>Check 2</td>
<td></td>
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<tr>
<td>Tool runs in off position</td>
<td>Check 1</td>
<td></td>
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<tr>
<td>Anvil Vibrates</td>
<td>Check 1</td>
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<tr>
<td>Premature Wear</td>
<td>Check 1</td>
<td></td>
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<tr>
<td>Anvil Worn Round</td>
<td>Check 1</td>
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Your local Universal Tool Authorized Factory Service Centers can provide service, replacement parts and warranty service.

<table>
<thead>
<tr>
<th>STATE</th>
<th>CITY</th>
<th>REPAIR CENTER</th>
<th>ADDRESS</th>
<th>ZIP</th>
<th>PHONE</th>
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<tbody>
<tr>
<td>Alabama</td>
<td>Birmingham</td>
<td>Tool-Smith</td>
<td>1300 4th Ave South</td>
<td>35233</td>
<td>205.323.2576</td>
<td>205.323.9060</td>
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<tr>
<td>Alabama</td>
<td>Mobile</td>
<td>Tool-Smith</td>
<td>Lakeside Drive</td>
<td>36693</td>
<td>251.661.0404</td>
<td>251.661.8970</td>
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<tr>
<td>Arizona</td>
<td>Tempe</td>
<td>Arizona Air Tool</td>
<td>1314 E Princess Drive</td>
<td>85281</td>
<td>480.968.8559</td>
<td>480.968.4276</td>
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<tr>
<td>CAN</td>
<td>Alberta</td>
<td>Calgary</td>
<td>Complete Hydraulics</td>
<td>Bay 9, 7139-40th St SE</td>
<td>72C 2H7</td>
<td>403.720.0445</td>
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<tr>
<td>California</td>
<td>Chino</td>
<td>Pacific Coast Air Tools</td>
<td>3630 Placentia Court</td>
<td>91170</td>
<td>909.627.0948</td>
<td>909.628.5290</td>
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<tr>
<td>CAN</td>
<td>British Columbia</td>
<td>Richmond</td>
<td>B.B. Tool Repair</td>
<td>12900 Jack Bell Drive Unit 1</td>
<td>V6V-2V8</td>
<td>604.303.0131</td>
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<tr>
<td>CAN</td>
<td>Manitoba</td>
<td>Winnipeg</td>
<td>Accutool Service Centre</td>
<td>565 Marjorie St</td>
<td>R3H 0S8</td>
<td>204.772.6523</td>
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<tr>
<td>CAN</td>
<td>Quebec</td>
<td>Quebec City</td>
<td>Clinique D’Outillage</td>
<td>3075 Blvd Hamel Ste 107</td>
<td>G1P 4CS</td>
<td>418.877.3377</td>
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<tr>
<td>Colorado</td>
<td>Denver</td>
<td>A Pro Tool Inc</td>
<td>1950 W 13th Ave</td>
<td>80204</td>
<td>303.623.3743</td>
<td>303.623.7422</td>
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<tr>
<td>Florida</td>
<td>Jacksonville</td>
<td>Tool Shack</td>
<td>226 Edgewood Ave S</td>
<td>32205</td>
<td>904.387.1466</td>
<td>904.384.8120</td>
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<tr>
<td>Florida</td>
<td>Miami</td>
<td>Sky Prod &amp; Tools</td>
<td>10035 NW 7th Ave</td>
<td>33150</td>
<td>305.759.8665</td>
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<tr>
<td>Georgia</td>
<td>Tucker</td>
<td>Tool Service Company</td>
<td>1810 Auger Drive Unit A-B</td>
<td>30004</td>
<td>404.524.4249</td>
<td>770.908.8082</td>
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<tr>
<td>Georgia</td>
<td>Norcross</td>
<td>Tool Smith</td>
<td>5600 Oakbrook Pkwy #140</td>
<td>30093</td>
<td>770.448.4844</td>
<td>770.448.7395</td>
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<tr>
<td>Hawaii</td>
<td>Waipahu</td>
<td>Tech Hawaii</td>
<td>94-547 Uke’e Street #116</td>
<td>96797</td>
<td>808.676.2338</td>
<td>808.677.0444</td>
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<tr>
<td>Illinois</td>
<td>Elk Grove Village</td>
<td>Illinois Tool Service</td>
<td>1485 Landmeier Unit J</td>
<td>60007</td>
<td>847.228.1902</td>
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<tr>
<td>Indiana</td>
<td>Indianapolis</td>
<td>VAMACO</td>
<td>6718 East 38th St</td>
<td>46226</td>
<td>317.632.2208</td>
<td>317.244.3920</td>
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<tr>
<td>Kentucky</td>
<td>Louisville</td>
<td>Tool Repair Svc Inc</td>
<td>1200 Goss Avenue</td>
<td>40217</td>
<td>502.635.6988</td>
<td>502.634.1931</td>
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<tr>
<td>Louisiana</td>
<td>Shreveport</td>
<td>Shreveport Air Tool Inc</td>
<td>125 Freestate Blvd</td>
<td>71107</td>
<td>318.227.9412</td>
<td>318.227.0013</td>
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<tr>
<td>Massachusetts</td>
<td>Wilmington</td>
<td>Industrial Tool Repair</td>
<td>382 Middlesex Avenue</td>
<td>01887</td>
<td>978.657.8714</td>
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<tr>
<td>Michigan</td>
<td>Detroit</td>
<td>Billow Company</td>
<td>15335 Dale</td>
<td>48223</td>
<td>313.255.4446</td>
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<tr>
<td>Minnesota</td>
<td>Cyrus</td>
<td>Air Tool Clinic</td>
<td>106 West Main Street</td>
<td>56323</td>
<td>320.795.2221</td>
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<tr>
<td>Minnesota</td>
<td>Minneapolis</td>
<td>Tool Warehouse Inc</td>
<td>3410 E 42nd St</td>
<td>55406</td>
<td>612.722.4260</td>
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<tr>
<td>Minnesota</td>
<td>St. Cloud</td>
<td>Tool Warehouse Inc</td>
<td>9 Lincoln Ave SE</td>
<td>56304</td>
<td>320.253.7150</td>
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<tr>
<td>Missouri</td>
<td>Kansas City</td>
<td>Health Sales &amp; Svc</td>
<td>518 East 16th Street</td>
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<td>Nebraska</td>
<td>Omaha</td>
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<td>8517 &quot;Y&quot; Street</td>
<td>68127</td>
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<td>402.592.3768</td>
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<td>New Jersey</td>
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<td>Atlantic Tool System</td>
<td>150 Fifth Avenue</td>
<td>07506</td>
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<td>New York</td>
<td>Lafayette</td>
<td>NYTECH Supply Co</td>
<td>2424 Route 11</td>
<td>13084</td>
<td>800.443.6324</td>
<td>800.522.9152</td>
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<td>New York</td>
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<td>Five Boro Pneumatics</td>
<td>798 East 43rd Street</td>
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<td>718.338.8914</td>
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<td>New York</td>
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<td>Ohio</td>
<td>Akron</td>
<td>Power Tool Repair Inc</td>
<td>891 Moe Drive #H</td>
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<td>Ohio</td>
<td>Cincinnati</td>
<td>Walth Dettmer Supply</td>
<td>836 Depot Street</td>
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<td>Ohio</td>
<td>Columbus</td>
<td>Central Ohio Power Tool</td>
<td>1042 Dublin Road</td>
<td>43216</td>
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<td>Ohio</td>
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<td>144 Johnson Drive</td>
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<td>Oklahoma</td>
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<td>Hydraulic Equipment</td>
<td>2800 West California Ave Suite A</td>
<td>73107</td>
<td>405.235.3310</td>
<td>405.232.4722</td>
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<td>Oregon</td>
<td>Portland</td>
<td>Charles H Day Co</td>
<td>602 South East 11th Ave</td>
<td>97214</td>
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<td>Tennessee</td>
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<td>Toolkits &amp; Hydraulics</td>
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<td>37422</td>
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<td>423.629.0125</td>
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<td>920 Santa Maria Ave</td>
<td>78040</td>
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<td>Utah</td>
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<td>HK Power Tools Service</td>
<td>1726 S Major Street</td>
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<td>304.256.2163</td>
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<td>300 North Webster Ave</td>
<td>54301</td>
<td>920.437.2594</td>
<td>920.432.0726</td>
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Mission Statement

To lead our industry in quality and depth of products offered; while developing long term mutually beneficial business partnerships with valued customers and distributors alike.

To maintain and develop our established position as a US based manufacturer, and balance this with global manufacturing at carefully selected strategic partner factories, where our concepts of quality and dependability, are shared.