UT IS RECOGNISED AS THE UK’S LEADING INDEPENDENT SPECIALIST SUPPLIER OF HIGH QUALITY AIR TOOLS TO THE GARAGE, TYRE, BODYSHOP AND INDUSTRIAL MARKETS

CELEBRATING OUR 44TH YEAR IN 2018, we are proud of our reputation for exceptional service and high quality, performance-proven products. Our values have not changed since the Company was founded by Douglas Moppett in 1974: to offer a highly competitive range of air tools with the quality and extensive availability to rival any global brand, while maintaining the trust and ease of doing business which comes from dealing with a traditional family company.

UNIVERSAL TOOL USERS CAN EXPECT:

• Products incorporating the very latest features and benefits in air tool design.
• A nationwide distributor network and specialist advice just a phone call away.
• Nationwide service centres and industry-leading spare parts availability.
• The consistent high quality and performance denoted by the UT logo.

UNIVERSAL TOOL DISTRIBUTORS CAN RELY ON:

• Dedicated Area Sales Managers who are pro-active in helping you to win business.
• Extensive stock of tools and spare parts in our UK distribution centre, available for next day delivery.
• Area Sales Managers also carry stock for immediate delivery.
• Exceptional after sales service and support with straightforward repairs and warranties.
• The long term stability, simplicity and fairness of doing business with a family company. An outstanding team of people are here to help you and if you wish, you can speak directly to the owners at any time.

UT IS RECOGNISED WORLDWIDE AS A MARK OF AIR TOOL QUALITY AND OUR EXPORT CUSTOMERS ENJOY:

• The confidence in quality of our internationally respected British air tool brand.
• Immediate availability from stock and competitive worldwide freight options.
• In-house expertise to provide export documentation such as EU Certificates of Origin certified by the British Chamber of Commerce.

Universal Tools are rigorously tested to meet the appropriate international standards of safety including EC Machinery Directive 2006/42/EC. All tools come complete with a Declaration of Conformity and carry full product liability insurance.

Our prominent market position has been won by maintaining an acute interest in our customers’ requirements and total specialisation within the pneumatic tool market. Quality control is carried out both in the factories and in-house to ensure that we deliver the consistency of quality that demanding professionals have come to expect from UT.
CELEBRATING
44 YEARS OF QUALITY
1974 - 2018

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   including sanding belts & pads, backing pads,
   smart repair tool accessories & spares
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   including collets, dust extraction, grinding discs & tyre buffer
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   including chisels & spring retainers
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   including cutting discs & nibbler accessories
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UT IS RECOGNISED AS THE UK’S LEADING
INDEPENDENT SPECIALIST SUPPLIER OF HIGH
QUALITY AIR TOOLS TO THE GARAGE, TYRE,
BODYSHOP AND INDUSTRIAL MARKETS
UT8000S38

STUBBY RATCHET WRENCH 3/8" SQ.DR.
Perfect for working in confined areas

Speed 350 rpm
Max torque 30 ft/lbs (41 Nm)
Av Air Con 4 cfm
Weight 0.5 kg
Vibration Level 2.6 m/sec²
Sound Level 85 db(a)
Length 133 mm
Air Inlet 1/4 bsp
UT8000REA
1/4” MINI COMPOSITE RATCHET WRENCH
Complete with exhaust hose

Speed 200 rpm
Max Torque 20 ft lbs (27 Nm)
Avg Air Cons 4 cfm
Nett Weight 0.5 kg
Vibration Level 3.3 m/sec²
Sound Pressure 82.0 db(a)
Length 170 mm
Height 39 mm
Air Inlet 1/4 bsp

UT8000S14
STUBBY RATCHET WRENCH 1/4” SQ DR.
For working in confined areas

Speed 350 rpm
Max Torque 30 ft/lbs (41 Nm)
Avg Air Cons 4 cfm
Weight 0.5 kg
Vibration Level 2.6 m/sec²
Sound Level 85 db(a)
Length 133 mm
Air Inlet 1/4 bsp

UT8000REB
3/8” MINI COMPOSITE RATCHET WRENCH
Complete with exhaust hose

Speed 200 rpm
Max Torque 20 ft lbs (27 Nm)
Avg Air Cons 4 cfm
Nett Weight 0.5 kg
Vibration Level 3.3 m/sec²
Sound Pressure 82.0 db(a)
Length 170 mm
Height 39 mm
Air Inlet 1/4 bsp

UT8004
3/8” MINI RATCHET WRENCH
With socket release button

Speed 250 rpm
Max Torque 30 ft lbs (41 Nm)
Avg Air Cons 3.5cfm
Nett Weight 1.15 kg
Vibration Level 5.7 m/sec²
Sound Pressure 94.0 db(a)
Length 197 mm
Height 41 mm
Air Inlet 1/4 bsp

UT2005-1
3/8” RATCHET WRENCH
Triple idle gear for smooth operation
With comfort grip

Speed 160 rpm
Max Torque 50 ft lbs (68 Nm)
Avg Air Cons 4 cfm
Nett Weight 1.1 kg
Vibration Level 5.90 m/sec²
Sound Pressure 95.0 db(a)
Length 254 mm
Height 40 mm
Air Inlet 1/4 bsp

www.universal.co.uk
UT8011R

REACTIONLESS RATCHET WRENCH 1/2” SQ.DR.

Heavy duty ratchet wrench with built-in impact mechanism to deliver 90 ft lbs of torque while absorbing the snap reaction on the operator’s wrist. Excellent for high torque fasteners in confined spaces where a reactionless tool is particularly desirable to prevent hand and finger trapping.

- Speed 400 rpm
- Max Torque 90 ft/lbs (122 Nm)
- Av Air Con 4 cfm
- Weight 1.28 kg
- Vibration Level 9.9 m/sec²
- Sound Level 90 db(a)
- Length 280 mm
- Air Inlet 1/4 bsp
**UT8001R**

**REACTIONLESS RATCHET WRENCH 3/8” SQ.DR.**

Greatly reduces the snap reaction on the operator’s wrist when max torque is reached

- Speed 400 rpm
- Max Torque 90 ft/lbs (122 Nm)
- Av Air Con 4 cfm
- Weight 1.28 kg
- Vibration Level 9.9 m/sec²
- Sound Level 90 db(a)
- Length 280 mm
- Air Inlet 1/4 bsp

**UT8961-2NR**

**3/8” AUTO-SHUTOFF PRECISION NUTRUNNER**

Torque controlled, lever start with automatic shutoff at highly accurate desired torque

- Speed 400 rpm
- Av Air Con 4 cfm
- Weight 1.3 kg
- Vibration Level 1.8 m/sec²
- Sound Pressure 78.0 db(a)
- Torque Range 44-88 lbs ins (5-10 Nm)
- Length 254 mm
- Angle head Height 47 mm
- Air Inlet 1/4 bsp

**UT2005H-1**

**1/2” RATCHET WRENCH**

With comfort grip

- Speed 160 rpm
- Max Torque 50 ft lbs (68 Nm)
- Avg Air Cons 4 cfm
- Nett Weight 1.1 kg
- Vibration Level 5.90 m/sec²
- Sound Pressure 95.0 db(a)
- Length 254 mm
- Height 40 mm
- Air Inlet 1/4 bsp

**SEE OUR WIDE RANGE OF SOCKET & SOCKET SETS ON PAGE 13**

**www.universal.co.uk**
UT8176

1/2’ HIGH-LOW TORQUE IMPACT WRENCH

Well balanced, heavy duty impact wrench delivering high torque and comfortable one handed operation

Speed 6,500 rpm
Impacts Per Min 1,600
Max Torque 800 ft lbs (1085 Nm)
Length 185 mm
Weight 1.99 kg
Vibration Level 3.2 m/sec²
Sound Pressure 88.0 db(a)
Air Inlet 1/4 bsp
**UT8030RA**
3/8" PISTOL IMPACT WRENCH
Single hammer mechanism

- Speed: 10,000 rpm
- Avg Air Cons: 7.5 cfm
- Max Torque: 75 ft lbs (102 Nm)
- Weight: 1.3 kg
- Vibration Level: 8.7 m/sec²
- Sound Pressure: 94.2 db(a)
- Length: 133 mm
- Height: 165 mm
- Air Inlet: 1/4 bsp

**UT8026**
3/8" COMPOSITE IMPACT WRENCH
Through handle exhaust
Twin hammer mechanism

- Speed: 9,000 rpm
- Avg Air Cons: 3.2 cfm
- Max Torque: 300 ft lbs (407 Nm)
- Weight: 1.2 kg
- Vibration Level: 5 m/sec²
- Sound Pressure: 85.0 db(a)
- Length: 165 mm
- Height: 160 mm
- Air Inlet: 1/4 bsp

**UT8070R-1/UT8070P-1**
3/8" PISTOL IMPACT WRENCH
RB = Ring Retainer, PB = Pin Retainer
Twin pin hammer mechanism with cushion comfort grip and steel front housing

- Speed: 12,000 rpm
- Avg Air Cons: 9.4 cfm
- Max Torque: 300 ft lbs (406 Nm)
- Weight: 1.5 kg
- Vibration Level: 7.0 m/sec²
- Sound Pressure: 96 db(a)
- Length: 140 mm
- Height: 168 mm
- Air Inlet: 1/4 bsp

**UT8025R-1**
3/8" BUTTERFLY IMPACT WRENCH
Single hammer mechanism
Press right for forward – Press left for reverse

- Speed: 11,000 rpm
- Avg Air Cons: 7.5 cfm
- Max Torque: 75 ft lbs (102 Nm)
- Nett Weight: 1.1 kg
- Vibration Level: 13.4 m/sec²
- Sound Pressure: 105.0 db(a)
- Length: 159 mm
- Height: 55 mm
- Air Inlet: 1/4 bsp

**HP144**
CORDLESS 3/8" IMPACT WRENCH

- No Load Speed: 2,400 rpm
- Max Torque: 87 ft lbs (118 Nm)
- Impacts per min: 3,150
- Weight: 2.0 kg
- Vibration Level: 6.6 m/sec²
- Sound Pressure: 90.8 db(a)
- Volt DC: 14.4 v
- Charge Time: 1 hour
- Length: 210 mm
- Height: 230 mm
- Battery Capacity: 1.3 Ah

**UT8125**
1/2" MINI PISTOL COMPOSITE IMPACT WRENCH
Through handle exhaust
Twin hammer mechanism

- Speed: 9,000 rpm
- Av Air Con: 3.2 cfm
- Max Torque: 300 lbs ft (407 Nm)
- Weight: 1.2 kg
- Vibration Level: 5 m/sec²
- Sound Pressure: 85 db(a)
- Length: 165 mm
- Height: 160 mm
- Air Inlet: 1/4 bsp

**BGA12**
14.4 VOLT BATTERY PACK

www.universal.co.uk
UT2147R-1
1/2" IMPACT WRENCH
Smooth-fast Dynapact® clutch-500 ft.lb. max. torque

Speed 8,000 rpm
Av Air Con 6.5 cfm
Max Torque 500 lbs ft (675 Nm)
Weight 2.6 kg
Vibration Level 6.7 m/sec²
Sound Pressure 98.5 db(a)
Length 191 mm
Height 180 mm
Air Inlet 1/4 bsp

UT8126
1/2" PISTOL COMPOSITE IMPACT WRENCH
Through handle exhaust
Twin hammer mechanism
Complete with BOOT12

Speed 6,000 rpm
Av Air Con 5.7 cfm
Max Torque 580 lbs ft (786 Nm)
Weight 2.0 kg
Vibration Level 6.75 m/sec²
Sound Pressure 85 db(a)
Length 195 mm
Height 170 mm
Air Inlet 1/4 bsp

UT8175R
1/2" COMPOSITE IMPACT WRENCH
Twin hammer mechanism
Through handle exhaust
UT8175RK kit also available

Speed 7,000 rpm
Av Air Con 4.0 cfm
Max Torque 780 ft lbs (1,054 Nm)
Weight 1.9 kg
Vibration Level 6.8 m/sec²
Sound Pressure 83.0 db(a)
Length 183 mm
Height 192 mm
Air Inlet 1/4 bsp

UT8138
1/2" MEDIUM DUTY IMPACT WRENCH
Twin pin mechanism
Through handle exhaust
UT8138K kit also available

Speed 8,000 rpm
Av Air Con 4.2 cfm
Max Torque 780 ft lbs (1,054 Nm)
Weight 2.1 kg
Vibration Level 5.3 m/sec²
Sound Pressure 87.0 db(a)
Length 192 mm
Height 192 mm
Air Inlet 1/4 bsp

UT8126K
1/2" IMPACT WRENCH KIT
Impact socket sizes: 16, 17, 19, 22 & 24 mm

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
HP180LI
1/2" CORDLESS
18V LI-ION IMPACT WRENCH
Kit includes 2 batteries
Variable speed switch
Replaceable carbon brushes
No Load Speed 1,800 rpm
Max Torque 400 ft lbs (542 Nm)
Impacts per min 2,300
Weight 2.9 kg
Vibration Level 5.8 m/sec²
Sound Pressure 98.0 db(a)
Volt DC 18.0 v
Charge Time 1 hour
Length 254 mm
Height 269 mm
Battery Capacity 3.0 Ah

HP180BC
18V LI-ION CHARGER

HP180BAT
18V LI-ION BATTERY PACK

HP180CAR
18V LI-ION CAR CHARGER

UT5315
3/4" IMPACT WRENCH
Twin pin hammer mechanism

Speed 5,000 rpm
Weight 4.8 kg
Av Air Con 8 cfm
Man Torque 850 ft lbs (1135 Nm)
Vibration Level 5.8 m/sec²
Sound Pressure 85.7 db(a)
Length 253 mm
Height 200 mm
Air Inlet 1/4 bsp

UT8326
3/4" PISTOL COMPOSITE IMPACT WRENCH
Through handle exhaust
Twin hammer mechanism
Complete with BOOT34

UT8340C-2
3/4" PISTOL IMPACT WRENCH
Hard hitting twin hammer-1400 ft.lbs. max. torque
Combined reverse and power management switch

Speed 6,500 rpm
Av Air Con 10 cfm
Max torque 1,400 ft lbs (1890 Nm)
Weight 4.54 kg
Vibration Level 8.24 m/sec²
Sound Pressure 90.8 db(a)
Length 210 mm
Height 230 mm
Air Inlet 3/8 bsp

UT8360C-1
3/4" PISTOL IMPACT WRENCH
Twin hammer mechanism
Through handle exhaust

Speed 6,500 rpm
Av Air Con 7 cfm
Max Torque 1,400 ft lbs (1890 Nm)
Weight 3.36 kg
Vibration Level 8.24 m/sec²
Sound Pressure 91.3 db(a)
Length 210 mm
Height 225 mm
Air Inlet 3/8 bsp

www.universal.co.uk
UT8420 / UT842OS

1” SQ.DR.LIGHTWEIGHT IMPACT WRENCH

Straight rear handle
Short anvil available

Speed 4,500 rpm
Av Air Con 12 cfm
Max Torque 2,300 ft lbs (3,116 Nm)
Weight 14.5 kg
Vibration Level 8.9 m/sec²
Sound Pressure 103 db(a)
Air Inlet 1/2 bsp

UT8420K kit available in moulded case with 8 Deep Impact Sockets (24, 27, 29, 30, 32, 33, 36, 38 mm)

UT8419 / UT8419S

1” IN LINE IMPACT WRENCH

8” EXTENDED ANVIL

Short anvil available

Speed 4,500 rpm
Av Air Con 12 cfm
Max Torque 1,800 ft lbs (2,441 Nm)
Weight 11.59 kg
Vibration Level 9.5 m/sec²
Sound Pressure 108.4 db(a)
Air Inlet 1/2 bsp

UT8419K kit available in moulded case with 8 Deep Impact Sockets (24, 27, 29, 30, 32, 33, 36, 38 mm)

UT8468 / UT8468S

1” SQ.DR.LIGHTWEIGHT IMPACT WRENCH

Straight rear handle
Short anvil available

Speed 6,000 rpm
Av Air Con 10 cfm
Max Torque 1,800 ft/lbs (2,441 Nm)
Weight 7.5 kg
Vibration Level 6.6 m/sec²
Sound Level 96 db(a)
Air Inlet 1/2 bsp

UT8468AH / UT8468AHS

1” SQ.DR.LIGHTWEIGHT IMPACT WRENCH

Cranked rear handle
Short anvil available

Speed 4,500 rpm
Av Air Con 12 cfm
Max Torque 2,300 ft lbs (3,116 Nm)
Weight 14.5 kg
Vibration Level 8.9 m/sec²
Sound Pressure 103 db(a)
Air Inlet 1/2 bsp

UT8470C

1” PISTOL IMPACT WRENCH

Hard hitting twin hammer
Three piece housing design eases maintenance

Speed 4,000 rpm
Av Air Con 11.0 cfm
Max torque 1,900 ft lbs (2,572 Nm)
Weight 9 kg
Vibration Level 9.33 m/sec²
Sound Pressure 102.0 db(a)
Length 300 mm
Height 270 mm
Air Inlet 3/8 bsp

UT150

11/2” IMPACT WRENCH

Twin hammer mechanism

Speed 3,000 rpm
Max torque 3,900 ft lbs (5288 Nm)
Weight 16.1 kg
Vibration Level 9.7 m/sec²
Sound Pressure 98.6 db(a)
Av Air Con 20 cfm
Length 443 mm
Height 150 mm
Air Inlet 1/2 bsp

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
IMPACT WRENCH ACCESSORIES

1/2” SINGLE DEPTH SOCKETS
1/2” Drive Metric
9mm SM1209
10mm SM1210
11mm SM1211
12mm SM1212
13mm SM1213
14mm SM1214
15mm SM1215
16mm SM1216
17mm SM1217
18mm SM1218
19mm SM1219
20mm SM1220
21mm SM1221
22mm SM1222
23mm SM1223
24mm SM1224
25mm SM1225
26mm SM1226
27mm SM1227
28mm SM1228
29mm SM1229
30mm SM1230
31mm SM1231
32mm SM1232
33mm SM1233
34mm SM1234

For deep sockets add DD
For short sockets add SD

3/4 & 1” DOUBLE DEPTH SOCKETS
3/4” Drive Metric
24mm SM3424
26mm SM3426
27mm SM3427
28mm SM3428
29mm SM3429
30mm SM3430
32mm SM3432
33mm SM3433
34mm SM3434
35mm SM3435
36mm SM3436
38mm SM3438
1” Drive Metric
27mm SM127
28mm SM128
29mm SM129
30mm SM130
32mm SM132
33mm SM133
34mm SM134
35mm SM135
36mm SM136
37mm SM137
38mm SM138
41mm SM141
46mm SM146

For deep sockets add DD
For short sockets add SD

1/2” Square Drive Impact Socket Set
12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm

1/2” Square Drive Deep Impact Socket Set
12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm

1/2” Square Drive Deep Impact Socket Set
24, 27, 29, 30, 32, 33, 36, 38 mm

3/4” Square Drive Impact Socket Set
24, 27, 29, 30, 32, 33, 36, 38 mm

1” Square Drive Impact Socket Set
27, 30, 32, 33 mm

PROTECTIVE COVERS
To fit 1/2” impact wrench
To fit 3/4” impact wrench
Part No. BOOT12 or 700928
BOOT34 or B92607580200

PART No.
SA38F12M
SA12F38M
SA12F34M
SA34F12M
SA34F1M
SA1F34M
SA112F1M

UNIVERSAL JOINTS
3/8” square drive UJ38
1/2” square drive UJ12
3/4” square drive UJ34
1” square drive UJ1

3/8” female to 1/2” male
Part No.
SA38F12M
SA12F38M
SA12F34M
SA34F12M
SA34F1M
SA1F34M
SA112F1M

WHIP HOSES, OIL & OTHER AIRLINE ACCESSORIES ON PAGES 52-53

H0015 TOOL TROLLEY
For transportation of wrenches etc. Complete with lubricator, filter, regulator and hose
3m x 1/2” leader hose and 20m x 1/2” hose
(H0014 - Tool Trolley Only)

EXTENSION BARS

Part No.
EX383
EX386
EX123
EX126
EX346
EX348
EX16
EX18
EX110
EX112

3/8” square drive
1/2” square drive
3/4” square drive
1” square drive

www.universal.co.uk
UT2855R

1/2" COMPOSITE REVERSIBLE DRILL – KEYLESS

Powerful and reliable Pro-Series drill, ergonomically designed for operator comfort and ideal for demanding applications

- Speed 450 rpm
- Motor Power 0.75 hp
- Av Air Con 4
- Weight 1.3 kg
- Vibration Level 1.1 m/sec²
- Sound Pressure 86 db(a)
- Length 228 mm
- Height 125 mm
- Chuck Thread Size 3/8 x 24
- Air Inlet 1/4 bsp

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
**UT8821**

3/8” COMPOSITE DRILL - KEYLESS

- Powerful 0.5HP motor
- Tease trigger for ultimate operator control
- Available either a keyed or keyless chuck

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>2,600 rpm</td>
</tr>
<tr>
<td>Motor Power</td>
<td>0.5 hp</td>
</tr>
<tr>
<td>Av Air Con</td>
<td>3.7 cfm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.9 kg</td>
</tr>
<tr>
<td>Vibration Level</td>
<td>&lt;2.5 m/sec²</td>
</tr>
<tr>
<td>Sound Pressure</td>
<td>86.0 db(a)</td>
</tr>
<tr>
<td>Length</td>
<td>193 mm</td>
</tr>
<tr>
<td>Height</td>
<td>125 mm</td>
</tr>
<tr>
<td>Chuck Thread Size</td>
<td>3/8 x 24</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>1/4 bsp</td>
</tr>
</tbody>
</table>

**UT2815R**

3/8” REVERSIBLE DRILL

- 0.75 HP Motor for extra stall resistance
- Reliable planetary gear system
- Available either a keyed or keyless chuck

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>1,800 rpm</td>
</tr>
<tr>
<td>Motor Power</td>
<td>0.75 hp</td>
</tr>
<tr>
<td>Av Air Con</td>
<td>3.5 cfm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.0 kg</td>
</tr>
<tr>
<td>Vibration Level</td>
<td>&lt;2.5 m/sec²</td>
</tr>
<tr>
<td>Sound Pressure</td>
<td>91.0 db(a)</td>
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<tr>
<td>Length</td>
<td>165 mm</td>
</tr>
<tr>
<td>Height</td>
<td>125 mm</td>
</tr>
<tr>
<td>Chuck Thread Size</td>
<td>3/8 x 24</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>1/4 bsp</td>
</tr>
</tbody>
</table>

**UT8817**

3/8” REVERSIBLE COMPOSITE PISTOL DRILL

- Complete with keyless chuck
- Available either a keyed or keyless chuck

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>1,700 rpm</td>
</tr>
<tr>
<td>Av Air Con</td>
<td>4 cfm</td>
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<tr>
<td>Weight</td>
<td>0.92 kg</td>
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<tr>
<td>Vibration Level</td>
<td>&lt;2.5 m/sec²</td>
</tr>
<tr>
<td>Sound Pressure</td>
<td>76 db(a)</td>
</tr>
<tr>
<td>Length</td>
<td>159 mm</td>
</tr>
<tr>
<td>Height</td>
<td>154 mm</td>
</tr>
<tr>
<td>Chuck Thread Size</td>
<td>3/8 x 24</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>1/4 bsp</td>
</tr>
</tbody>
</table>

**UT5825**

3/8” REVERSIBLE PISTOL DRILL

- Available either a keyed or keyless chuck

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>1,800 rpm</td>
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<tr>
<td>Av Air Con</td>
<td>4 cfm</td>
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<tr>
<td>Weight</td>
<td>1.36 kg</td>
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<tr>
<td>Vibration Level</td>
<td>&lt;2.5 m/sec²</td>
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<tr>
<td>Sound Pressure</td>
<td>91.0 db(a)</td>
</tr>
<tr>
<td>Length</td>
<td>163 mm</td>
</tr>
<tr>
<td>Height</td>
<td>125 mm</td>
</tr>
<tr>
<td>Chuck Thread Size</td>
<td>3/8 x 24</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>1/4 bsp</td>
</tr>
</tbody>
</table>

**UT8841**

3/8” COMPOSITE STRAIGHT DRILL - KEYLESS

- Powerful 0.5HP motor
- Available either a keyed or keyless chuck

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>3,600 rpm</td>
</tr>
<tr>
<td>Av Air Con</td>
<td>3.7 cfm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.8 kg</td>
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<tr>
<td>Vibration Level</td>
<td>3.6 m/sec²</td>
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<tr>
<td>Sound Pressure</td>
<td>86.0 db(a)</td>
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<td>Length</td>
<td>223 mm</td>
</tr>
<tr>
<td>Height</td>
<td>37 mm</td>
</tr>
<tr>
<td>Chuck Thread Size</td>
<td>3/8 x 24</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>1/4 bsp</td>
</tr>
</tbody>
</table>

**UT8833R-1**

3/8” REVERSIBLE PISTOL DRILL

- 0.65 HP Motor for extra stall resistance
- Available either a keyed or keyless chuck

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>1,800 rpm</td>
</tr>
<tr>
<td>Av Air Con</td>
<td>3.5 cfm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.10 kg</td>
</tr>
<tr>
<td>Vibration Level</td>
<td>2.1 m/sec²</td>
</tr>
<tr>
<td>Sound Pressure</td>
<td>84.00 db(a)</td>
</tr>
<tr>
<td>Length</td>
<td>163 mm</td>
</tr>
<tr>
<td>Height</td>
<td>145 mm</td>
</tr>
<tr>
<td>Chuck Thread Size</td>
<td>3/8 x 24</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>1/4 bsp</td>
</tr>
</tbody>
</table>

www.universal.co.uk
**UT5742D**
3/8" STRAIGHT DRILL
Complete with exhaust hose
Available either a keyed or keyless chuck

- Speed 2,600 rpm
- Av Air Con 4 cfm
- Weight 1.1 kg
- Vibration Level 2.0 m/sec²
- Sound Pressure 79.0 db(a)
- Length 235 mm
- Height 39 mm
- Chuck Thread Size 3/8 x 24
- Air Inlet 1/4 bsp

**UT8806**
3/8" COMPOSITE ANGLE DRILL - KEYLESS
Powerful 0.5HP motor
Available either a keyed or keyless chuck

- Speed 1,800 rpm
- Motor Power 0.5 hp
- Av Air Con 3.7 cfm
- Weight 1.2 kg
- Vibration Level 3.6 m/sec²
- Sound Pressure 86.0 db(a)
- Length 190 mm
- Height 95 mm
- Chuck Thread Size 3/8 x 24
- Air Inlet 1/4 bsp

**UT8860R-1**
3/8" REVERSIBLE ANGLE DRILL
Available either a keyed or keyless chuck
Also available as 1/2" - order UT8860R-1/2-1

- Speed 1,800 rpm
- Av Air Con 4.6 cfm
- Weight 1.1 kg
- Vibration Level <2.5 m/sec²
- Sound Pressure 83.9 db(a)
- Length 178 mm
- Height 72 mm
- Chuck Thread Size 3/8 x 24
- Angle Head Height 80 mm
- Air Inlet 1/4 bsp

**UT2855R-7**
1/2" REVERSIBLE DRILL
Available either a keyed or keyless chuck

- Speed 700 rpm
- Motor Power 0.75 hp
- Av Air Con 3.5 cfm
- Weight 1.4 kg
- Vibration Level 0.4 m/sec²
- Sound Pressure 86.0 db(a)
- Length 220.5 mm
- Height 125 mm
- Chuck Thread Size 3/8 x 24
- Air Inlet 1/4 bsp

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
**UT8818**

1/2" REVERSIBLE COMPOSITE PISTOL DRILL

Available either a keyed or keyless chuck and removable side handle

- Speed 750 rpm
- Av Air Con 4 cfm
- Weight 0.92 kg
- Vibration Level <2.5 m/sec²
- Sound Pressure 76 db(a)
- Length 159 mm
- Height 154 mm
- Chuck Thread Size 3/8 x 24
- Air Inlet 1/4 bsp

**UT8840R-1**

1/2" REVERSIBLE DRILL

Double injection ergonomically advanced housing and grip

Available either a keyed or keyless chuck

- Speed 800 rpm
- Av Air Con 3.5 cfm
- Weight 1.3 kg
- Vibration Level <2.5 m/sec²
- Sound Pressure 84.0 db(a)
- Length 216 mm
- Height 145 mm
- Chuck Thread Size 1/2
- Air Inlet 1/4 bsp

**HP17RD**

5/8" (16MM) INDUSTRIAL REVERSIBLE DRILL

Fitted with JT3 Taper chuck (H0122)

Available either a keyed or keyless chuck

- Speed 1,000 rpm
- Av Air Con 10 cfm
- Weight 4.6 kg
- Vibration Level 12 m/sec²
- Sound Pressure 85 db(a)
- Motor Output 2.9 hp
- Length 380 mm
- Height 126 mm
- Air Inlet 3/8 bsp

**DRILL ACCESSORIES**

**CHUCKS & KEYLESS CHUCKS**

- 3/8" Chuck and key - 3/8" UNF mount - all models
- Part No. H0019
- 3/8" Chuck key (for use with H0019)
- Part No. H0023
- 3/8" Keyless Chuck - 3/8" UNF mount - all models
- Part No. H0019K
- 1/2" Chuck and key - 3/8" UNF mount - all models
- Part No. H0020
- 1/2" Chuck key (for use with H0020)
- Part No. H0024
- 1/2" Keyless Chuck - 3/8" UNF mount - all models
- Part No. H0020K
- 5/8" Tapered chuck and key - (HP17RD)
- Part No. H0122
- 3/8" UNF x 1/4" Hexagonal Slip Chuck - converts drills to drivers
- Part No. 99005
- 3/8" UNF x 7/16" Hexagonal Slip Chuck - converts drills to buffers
- Part No. 10700161

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UT8963

1/4” HEX COMPOSITE PISTOL SCREWDRIVER

Ideal for high precision applications where automatic shut off at an exact torque is desirable

Air can be supplied from the top, rear or bottom of the tool for ease of set up in conjunction with a tool balancer

Torque accuracy to within +/- 3% at 90psi

Speed 250 rpm
Av Air Con 4 cfm
Weight 1.1 kg
Vibration Level <2.5 m/sec²
Sound Pressure 76.4 db(a)

Max torque 44-265 lb ins (5-30 Nm)
Length 215 mm
Height 140 mm
Air Inlet 1/4 bsp

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**UT8817-S**  
1/4” HEX DIRECT DRIVE SCREWDRIVER  
Comfortable, low-weight composite body

- Speed: 1,700 rpm  
- Av Air Con: 4 cfm  
- Weight: 0.92 kg  
- Vibration Level: <2.5 m/sec²  
- Sound Pressure: 76 db(a)  
- Length: 159 mm  
- Height: 154 mm  
- Max torque: 62 lbs/ins (7 Nm)  
- Air Inlet: 1/4 bsp

**UT8818-S**  
1/4” HEX DIRECT DRIVE SCREWDRIVER  
Comfortable, low-weight composite body

- Speed: 750 rpm  
- Av Air Con: 4 cfm  
- Weight: 0.92 kg  
- Vibration Level: <2.5 m/sec²  
- Sound Pressure: 76 db(a)  
- Length: 159 mm  
- Height: 154 mm  
- Max torque: 115 lbs/ins (13 Nm)  
- Air Inlet: 1/4 bsp

**UT5825-S**  
1/4” HEX DIRECT DRIVE SCREWDRIVER  
With cushion comfort grip

- Speed: 1,800 rpm  
- Av Air Con: 4 cfm  
- Weight: 1.36 kg  
- Vibration Level: <2.5 m/sec²  
- Sound Pressure: 91.0 db(a)  
- Length: 156 mm  
- Height: 140 mm  
- Max torque: 30 lbs/ins (3.4 Nm)  
- Air Inlet: 1/4 bsp

**UT2960A**  
ADJUSTABLE CLUTCH SCREWDRIVER  
Excellent for self-tapping

- Speed: 800 rpm  
- Av Air Con: 4 cfm  
- Weight: 1.1 kg  
- Vibration Level: <2.5 m/sec²  
- Sound Pressure: 87.0 db(a)  
- Max torque: 30-95 lbs/ins (3-11 Nm)  
- Length: 216 mm  
- Height: 155 mm  
- Air Inlet: 1/4 bsp

**UT2964A**  
ADJUSTABLE CLUTCH SCREWDRIVER  
Excellent for self-tapping

- Speed: 1,800 rpm  
- Av Air Con: 4 cfm  
- Weight: 1.1 kg  
- Vibration Level: <2.5 m/sec²  
- Sound Pressure: 87.0 db(a)  
- Max torque: 30-70 lbs/ins (3-8 Nm)  
- Length: 205 mm  
- Height: 155 mm  
- Air Inlet: 1/4 bsp

**UT5964A**  
1/4” HEX EXTERNAL ADJUSTABLE CLUTCH PISTOL SCREWDRIVER  
With cushion comfort grip

- Speed: 1,800 rpm  
- Av Air Con: 4 cfm  
- Weight: 1.0 kg  
- Vibration Level: <2.5 m/sec²  
- Sound Pressure: 84.3 db(a)  
- Max torque: 71 lb ins (8 Nm)  
- Length: 190 mm  
- Height: 140 mm  
- Air Inlet: 1/4 bsp

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UT8957
1/4" HEX COMPOSITE PISTOL SCREWDRIVER
Push Start – Auto Shut-off

Speed 1,400 rpm
Av Air Con 4 cfm
Weight 0.95 kg
Vibration Level <2.5 m/sec²
Sound Pressure 72.0 db(a)
Torque Range 8.4-53 lbs ins (0.96-6 Nm)
Length 215 mm
Height 140 mm
Air Inlet 1/4 bsp

UT8958
1/4" HEX COMPOSITE PISTOL SCREWDRIVER
Push start – Auto shut off

Speed 1,000 rpm
Av Air Con 4 cfm
Weight 0.65 kg
Vibration Level <2.5 m/sec²
Sound Pressure 72.0 db(a)
Torque Range 4.5-31 lbs ins (0.5-3.5 Nm)
Length 180 mm
Height 140 mm
Air Inlet 1/4 bsp

UT8959
1/4" HEX COMPOSITE PISTOL SCREWDRIVER
Push start – Auto shut off

Speed 1,000 rpm
Avg Air Cons 4 cfm
Weight 0.65 kg
Vibration Level < 2.5 m/sec²
Sound Pressure 72.0 db(a)
Max torque 10.6-66.5 lb ins (1.2-7.5 Nm)
Length 180 mm
Height 140 mm
Air Inlet 1/4 bsp

UT8962
1/4" HEX COMPOSITE PISTOL SCREWDRIVER
Push start – Auto shut off

Speed 300 rpm
Av Air Con 4 cfm
Weight 1.1 kg
Vibration Level < 2.5 m/sec²
Sound Pressure 76.4 db(a)
Max torque 26-180 lb ins (3-20 Nm)
Length 215 mm
Height 140 mm
Air Inlet 1/4 bsp

UT8226
1/4" HEX IMPACT SCREWDRIVER
With cushion comfort grip

Speed 9,500 rpm
Max Torque 200 ft/lbs (271 Nm)
Weight 1.38 kg
Vibration Level 4.7 m/sec²
Noise Level 88 db(a)
Length 165 mm
Av Air Con 3 cfm
Air Inlet 1/4 bsp

SEE OUR RANGE OF TOOL BALANCERS on page 49

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
UT8955-1  
STRaight Adjustable Clutch Screwdriver

- Speed: 1,800 rpm
- Max torque: 85 lb ins (9.6 Nm)
- Av Air Con: 4 cfm
- Weight: 1.1 kg
- Vibration Level: <2.5 m/sec²
- Sound Pressure: 83.0 db(a)
- Length: 228 mm
- Height: 71 mm
- Air Inlet: 1/4 bsp

UT8905  
1/4" Hex Straight Screwdriver

- Speed: 1,000 rpm
- Av Air Con: 2 cfm
- Weight: 0.43 kg
- Vibration Level: <2.5 m/sec²
- Sound Pressure: 72.0 db(a)
- Torque Range: 0.45-1.77 lbs ins (0.05-0.2 Nm)
- Length: 180 mm
- Height: 35 mm
- Air Inlet: 1/4 bsp

UT8906  
1/4" Hex Straight Screwdriver

- Speed: 800 rpm
- Av Air Con: 2 cfm
- Weight: 0.43 kg
- Vibration Level: <2.5 m/sec²
- Sound Pressure: 72.0 db(a)
- Torque Range: 7.35-15.75 lbs ins (0.8-1.7 Nm)
- Length: 180 mm
- Height: 35 mm
- Air Inlet: 1/4 bsp

UT8956  
1/4" Hex Straight Screwdriver

- Speed: 1,000 rpm
- Av Air Con: 4 cfm
- Weight: 0.77 kg
- Vibration Level: <2.5 m/sec²
- Sound Pressure: 78.0 db(a)
- Torque Range: 8.8-62 lbs ins (1-7 Nm)
- Length: 217 mm
- Height: 42 mm
- Air Inlet: 1/4 bsp

UT8960-2  
1/4" Hex Angle Screwdriver

- Speed: 700 rpm
- Av Air Con: 4 cfm
- Weight: 1.20 kg
- Vibration Level: 1.3 m/sec²
- Sound Pressure: 78.0 db(a)
- Torque Range: 8.8-40 lbs ins (1-4.5 Nm)
- Length: 320 mm
- Angle head: Height 41 mm
- Air Inlet: 1/4 bsp

UT8961-2  
1/4" Hex Angle Screwdriver

- Speed: 400 rpm
- Av Air Con: 4 cfm
- Weight: 1.3 kg
- Vibration Level: 1.8 m/sec²
- Sound Pressure: 78.0 db(a)
- Torque Range: 44-88 lbs ins (5-10 Nm)
- Length: 254 mm
- Angle head: Height 47 mm
- Air Inlet: 1/4 bsp

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UT8708

ORBITAL SANDER – CENTRAL VACUUM

Ergonomically designed, low vibration sander with compact shroud for optimal dust extraction and handling, delivering a high quality finish.

Supplied with high quality velcro pad H0021V.

Pad size 6" (152 mm)
Speed 10,000 rpm
Av Air Con 5 cfm
Weight 0.97 kg
Vibration Level <2.5 m/sec²
Sound Pressure 78 db(a)
Orbit 5 mm
Length 150 mm
Height 98 mm
Air Inlet 1/4 bsp
Thread 5/16
UT8776KIT
2" & 3" MINI SANDER KIT
Low noise, low weight, compact composite tool
Supplied with 60 Sanding & 6 Surface Preparation Discs
Pad Size 2" & 3"
Speed 20,000 rpm
Av Air Con 3.5 cfm
Weight 0.54 kg
Vibration Level <2.5 m/sec²
Sound Pressure 80 db(a)
Length 100 mm
Air Inlet 1/4 bsp

UT3
D A SANDER NON VACUUM
Supplied with adhesive pad
Pad size 6" (152 mm)
Speed 10,000 rpm
Av Air Con 4 cfm
Weight 1.6 kg
Vibration Level 5.1 m/sec²
Sound Pressure 96.8 db(a)
Length 210 mm
Height 130 mm
Air Inlet 1/4 bsp
Thread 5/16

UT8709
6" ORBITAL SANDER NON VACUUM
Supplied with velcro pad
Pad Size 6" (152 mm)
Speed 9,000 rpm
Av Air Con 5 cfm
Weight 1.25 kg
Vibration Level <2.5 m/sec²
Sound Pressure 80 db(a)
Length 250 mm
Height 110 mm
Air Inlet 1/4 bsp
Thread 5/16

UT2780-1
6" D A SANDER
Supplied with velcro pad
UT2780-1DC
Dust Collection supplied with velcro pad
Pad size 6" (152 mm)
Speed 10,000 rpm
Av Air Con 6 cfm
Weight 1.8 kg (UT8788DC 1.9 kg)
Vibration Level <2.5 m/sec²
Sound Pressure 94.0 db(a)
Length 215 mm
Height 130 mm
Air Inlet 1/4 bsp
Thread 5/16

UT8709DC
ORBITAL SANDER – CENTRAL VACUUM
Supplied with velcro pad
Pad size 6" (152 mm)
Speed 9,000 rpm
Av Air Con 5 cfm
Weight 1.3 kg
Vibration Level <2.5 m/sec²
Sound Pressure 80.0 db(a)
Length 280 mm
Height 110 mm
Air Inlet 1/4 bsp
Thread 5/16

UT8799V
6" PALM SANDER-VACUUM
Velcro pad
compact
dust shroud
Pad size 6" (152 mm)
Speed 12,000 rpm
Av Air Con 4 cfm
Weight 0.8 kg
Vibration Level <3.5 m/sec²
Sound Pressure 88.5 db(a)
Length 89 mm
Height 93 mm
Air Inlet 1/4 bsp
Thread 5/16

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UT010
STRAIGHT LINE Sander
Replacement velcro pad pkt of 5 010-VS

Pad size 400 mm x 65 mm
Speed 3,000 rpm
Av Air Con 7 cfm
Weight 3.1 kg
Vibration Level 13.9 m/sec²
Sound Pressure 90.4 db(a)
Air Inlet 1/4 bsp

UT8794
BLOCK SANDER NON VACUUM
Supplied with adhesive pad
Replacement backing pad 729374

Pad size 170mm x 90mm
Speed 8,500 rpm
Av Air Con 4 cfm
Weight 2.2 kg
Vibration Level <2.5 m/sec²
Sound Pressure 85 db(a)
Orbit 4.8 mm
Length 165 mm
Height 110 mm
Air Inlet 1/4 bsp

UT8795/UT8795DC
BLOCK SANDER NON VACUUM/ CENTRAL VACUUM
Supplied with velcro pad as standard also fitted with paper clips
Replacement backing pads UT-BTL4-40V non-vacuum & UT-BTL4-40V-4 vacuum

Pad size 180 x 100 mm
Speed 8,500 rpm
Av Air Con 5 cfm
Weight 1.2 kg
Vibration Level <2.5 m/sec²
Sound Pressure 80 db(a)
Orbit 3.2 mm
Length 180 mm
Height 104 mm
Air Inlet 1/4 bsp

UT9744
10MM BELT SANDER
For replacement belts see page 26

Belt Size 328 x 10 mm
Speed 25,000 rpm
Av Air Con 6 cfm
Weight 0.9 kg
Vibration Level <2.5 m/sec²
Sound Pressure 85 db(a)
Length 260 mm
Height 170 mm
Air Inlet 1/4 bsp

UT9765
20MM BELT SANDER
For replacement belts see page 26

Belt Size 525 x 20 mm
Speed 16,000 rpm
Av Air Con 6 cfm
Weight 1.15 kg
Vibration Level <2.5 m/sec²
Sound Pressure 85 db(a)
Length 347 mm
Height 95 mm
Air Inlet 1/4 bsp

UT9704
30MM BELT SANDER
For replacement belts see page 26

Belt size 540 mm x 30 mm
Speed 12,000 rpm
Av Air Con 6 cfm
Weight 2.30 kg
Vibration Level 3.1 m/sec²
Sound Pressure 84.0 db(a)
Length 495 mm
Height 95 mm
Air Inlet 1/4 bsp
UT5766
60MM BELT SANDER
Ideal for sanding wood, plastic, glass or metal products
For replacement belts see page 26

Belt Size 260 x 60 mm
Speed 7,000 rpm
Weight 1.1 kg
Vibration Level 2.08 m/sec²
Sound Level 89 db(a)
Air Inlet 1/4 bsp

UT8749S
5" ANGLE SANDER

Pad size 5" (125 mm)
Speed 9,000 rpm
Av Air Con 7 cfm
Weight 1.8 kg
Vibration Level <2.5 m/sec²
Sound Pressure 84.1 db(a)
Length 280 mm
Height 99 mm
Spindle Size 5/8 unc
Air Inlet 1/4 bsp

UT8756-1
7" ANGLE SANDER

Speed 4,500 rpm
Av Air Con 8 cfm
Weight 2.3 kg
Vibration Level <2.5 m/sec²
Sound Pressure 95.7 db(a)
Pad size 7" (178 mm)
Length 315 mm
Height 47 mm
Spindle Size 5/8" unc
Air Inlet 1/4 bsp

UT8771A
HIGH SPEED SANDER
Replacement sanding discs:
3" 729730, 4.5" 729731 & 5.5" 72732
3", 4.5" & 5.5" Set H0065

Pad sizes 75, 115 & 140 mm
Speed 15,000 rpm
Av Air Con 6 cfm
Weight 1.1 kg
Vibration Level <2.5 m/sec²
Sound Pressure 84.0 db(a)
Length 107 mm
Height 132 mm
Spindle Size 7/16"
Pad Hole Size 7/16" x 20 unf
Air Inlet 1/4 bsp

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SANDER ACCESSORIES

CONTENTS:
1 x UT8777 C grinder with 6mm collet
5 x 3” polishing discs H308K014
5 x 2” polishing discs H308K012
5 x 3” sanding discs H308K013
5 x 2” sanding discs H308K011
5 x 6mm mounted points* plus
5 x 3mm mounted points* H308K008
1 x 3mm collet 732224
16 x sanding belts* H308K010
1 x 2” backing pad 0308C005
1 x 3” backing pad H308K007
1 x 2” backing pad arbor plus
1 x 3” backing pad arbor H308K003
1 x spanner 11” H308K004
1 x spanner 17” H308K005
4 x roller belt holders* H308K009

Ready for use with Roloc bristle discs see UT8777

*These items are available in packs and are not sold separately

UT8777
SMART REPAIR TOOL
Supplied with one Green (50 grit) bristle disc

UT8777CBK
SMART REPAIR TOOL KIT
Pad size 2” (50mm) / 3” (75mm)
Speed 25,000 rpm
Av Air Con 4 cfm
Weight 0.6 kg
Vibration Level <2.5 m/sec²
Sound Pressure 84.7 db(a)
Tool Length 135 mm
Tool Height (Angle Head) 93 mm
Collet Size 6 mm
Air Inlet 1/4 bsp

SANDER ACCESSORIES

CONSUMABLES
FOR UT8777 & UT8777CBK
2” Bristle discs 2004 Green (50 grit)

2” & 3” Sanding Discs (packs of 10)
Black 30 grit HO-P24 HO-P24-3
Brown 36 grit HO-P36 HO-P36-3
Green 50 grit HO-P50 HO-P50-3
Yellow 80 grit HO-P80 HO-P80-3
White 120 grit HO-P120 HO-P120-3

2” Surface Conditioning Discs
Fine HOSCF HOSCF3
Medium HOSCM HOSCM3
Coarse HOSCC HOSCC3

CONSUMABLE SPARE PARTS FOR BELT SANDERS

6” Backing pads
H0018V Velcro no holes 8705-PAD Velcro no holes
H0021V7 Velcro 7 holes 8705DC-PAD Velcro 3 holes
H0021V15 Velcro 15 holes
H0021D Sticky no holes
H0021D Sticky 6 holes

3” Backing pads
H0018H Velcro no holes
H0021V9 Velcro 9 holes
H0021C Sticky no holes
H0021B Sticky 6 holes

UT5764 UT5765 UT5766
Idle Pulley 5764002 0700720ED/F Assembly 900539 900647 900712
Bearings (2 req’d) Included Included 900540 900648 900713
Collar None Included None 900650 900714
Pulley pin 5764004 Included 900641 900649 900715

10mm (for UT8764, UT5764 & UT9764) 10mm (for UT8765, UT5765 & UT9765)
Grit size: 40, 50, 60, 80, 100, 120 & 150 Grit size: 40, 50, 60, 80, 100, 120 & 150
20mm (for UT8765, UT5765 & UT9765) 20mm (for UT8764, UT5764 & UT9764)
Grit size: 40, 50, 60, 80, 100, 120 & 150 Grit size: 40, 50, 60, 80, 100, 120 & 150
30mm (for UT8766) 30mm (for UT9766)
Grit size: 40, 50, 60, 80, 100 & 120 Grit size: 40, 60, 80, 100, 120, 150, 180

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www.universal.co.uk
UT8780K

3" MINI POLISHING KIT

Speed 3,200 rpm
Pad Size 3" (75 mm)
Av Air Con 3.2 cfm
Weight 0.72 kg
Vibration Level 0.77 m/sec²
Sound Level 80 db(a)
Length 115 mm
Air Inlet 1/4 bsp

Contents:
- 3" Mini Polisher
- 3" Velcro Sanding Pad
- 3 1/2" Bonnet
- 3 1/2" Yellow Compounding Pad
- 3 1/2" White Compounding Pad

DURABLE, LOW WEIGHT COMPOSITE MOTOR HOUSING
EASILY ADJUSTABLE POWER REGULATOR
TWO-FINGER TRIGGER FOR COMFORTABLE OPERATION
COMPACT PISTOL GRIP FOR MAXIMUM CONTROL AND MANOEUVRABILITY
LOW NOISE REAR EXHAUST

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
UT8752
7” ANGLE POLISHER
Complete with lambswool mop (H0067)

Speed 2,100 rpm
Av Air Con 8 cfm
Weight 2.3 kg
Vibration Level <2.5 m/sec²
Sound Pressure 97.0 db(a)
Pad size 7” (178 mm)
Length 315 mm
Height 47 mm
Spindle Size 5/8” unc
Air Inlet 1/4 bsp

UT8841-SM
SISAL POLISHING MACHINE

Speed 3,600 rpm
Av Air Con 3.7 cfm
Weight 0.8 kg
Vibration Level 3.6 m/sec²
Sound Pressure 86.0 db(a)
Length 253 mm
Height 37 mm
Spindle Size 3/8” x 24
Air Inlet 1/4 bsp

POLISHER ACCESSORIES
SISAL MOPS, POLISING MOPS,
BACKING PADS & ACCESSORIES

7” lambs wool bonnet (UT8744 & UT8752)  Part No. H0067
8” lambs wool bonnet (UT8744 & UT8752)  H0068
Compounding mop (UT8744 and UT8752)  H0087
Sisal mop wheel - length 80mm (UT8841SM)  H0107
Sisal mop adaptor (UT8841SM)  270-45

www.universal.co.uk
GRINDERS

UT8740

INDUSTRIAL ANGLE GRINDERS WITH LOW VIBRATION SIDE HANDLE

Speed 10,000 rpm
Av Air Con 4 cfm
Weight 2 kg
Vibration Level 1.2 m/sec²
Sound Level 83 db(a)
Motor Output 0.75 hp
Length 238 mm
Air Inlet 1/4 bsp

UT8740A10  4" ANGLE GRINDER WITH M10 SPINDLE
UT8740A14  4" ANGLE GRINDER WITH M14 SPINDLE
UT8740B14  41/2" ANGLE GRINDER WITH M14 SPINDLE
UT8740C14  5" ANGLE GRINDER WITH M14 SPINDLE
8740EH   EXHAUST HOSE FOR ALL ABOVE MODELS

Information, orders & expert advice:  Call 01494 883300 | Email sales@universal.co.uk
UT8750-T
4" ANGLE GRINDER

Speed 12,000 rpm
Av Air Con 13.2 cfm
Weight 1.8 kg
Vibration Level <2.5m/sec²
Sound Pressure 84.0 db(a)
Length 229 mm
Height 135 mm
Spindle Size M10
Air Inlet 1/4 bsp

UT8779A
4" LIGHWEIGHT GRINDER
With cushion comfort grip

Speed 15,000 rpm
Av Air Con 6 cfm
Weight 1.37 kg
Vibration Level <2.5m/sec²
Sound Pressure 84.0 db(a)
Length 110 mm
Height 135 mm
Spindle Size 7/16 x 20 unf
Air Inlet 1/4 bsp

UT9750 /UT9750A/UT9750B
4", 4-1/2" & 5"
UT9750 comes with M10 spindle
UT9750A/B comes with M14 spindle

All models Available with dust extraction

Speed 11,000 rpm
Av Air Con 4 cfm
Weight 1.6 kg
Vibration Level 1.20 m/sec²
Sound Pressure 83 db(a)
Length 200 mm
Height 50 mm
Spindle Size M10/M14
Air Inlet 1/4 bsp

UT8766
1.7HP 7" ANGLE GRINDER

Speed 7,500 rpm
Av Air Con 7.0 cfm
Weight 3.1 kg
Vibration Level <2.5 m/sec²
Sound Pressure 84.0 db(a)
Length 318 mm
Height 135 mm
Spindle Size M14
Air Inlet 3/8 bsp

UT8777C
ANGLE DIE GRINDER
Collet sizes available 1/8", 1/4", 3mm, 6mm & 8mm
Also available as part of the Smart Repair Tool kit, see page 33

Speed 25,000 rpm
Collet size 6 mm
Av Air Con 4 cfm
Weight 0.6 kg
Vibration Level <2.5 m/sec²
Sound Pressure 84.7 db(a)
Length 135 mm
Height (Angle head) 93 mm
Air Inlet 1/4 bsp

UT5715
90° ANGLE DIE GRINDER WITH COMFORT GRIP
Collet sizes available 1/8", 1/4", 3mm, 6mm & 8mm

Speed 22,000 rpm
Collet size 6 mm
Av Air Con 4 cfm
Weight 0.50 kg
Vibration Level <2.5 m/sec²
Sound Pressure 86.0 db(a)
Length 140 mm
Height (Angle head) 75 mm
Air Inlet 1/4 bsp
UT8724-20
ANGLE DIE GRINDER
Collet sizes available
1/8", 1/4", 3mm,
6mm & 8mm

Speed 20,000 rpm
Motor Power 0.45 hp
Collet size 6 mm
Vibration Level 2.4 m/sec²
Sound Level 78 db(a)
Length 165 mm
Weight 0.5 kg
Air Inlet 1/4 bsp

UT919C
9" VERTICAL GRINDER

Speed 6,000 rpm
Motor Output 6 hp
Av Air Con 14 cfm
Length 300 mm
Weight 5.8 kg
Height 222 mm
Vibration Level 4.9 m/sec²
Spindle Size 5/8" unc
Sound Pressure 89.7 db(a)
Air Inlet 1/2 bsp

UT5735
EXTENDED DIE GRINDER
Collet sizes available
1/8", 1/4", 3mm,
6mm & 8mm

Speed 25,000 rpm
Collet size 6 mm
Av Air Con 4 cfm
Weight 0.66 kg
Vibration Level <2.5 m/sec²
Sound Pressure 91.0 db(a)
Motor Output 0.5 hp
Length 255 mm
Height 37 mm
Air Inlet 1/4 bsp

UT8728E
STRAIGHT EXTENDED DIE GRINDER
0.9 HP motor for extra stall resistance
1/8", 1/4", 3mm & 6mm available on request

Speed 22,000 rpm
Collet Size 8 mm
Av Air Con 5.5 cfm
Weight 1.1 kg
Vibration Level 2.12 m/sec²
Sound Pressure 83.7 db(a)
Motor Output 0.9 hp
Length 305 mm
Height 42 mm
Air Inlet 1/4 bsp

UT5710B
MINI DIE GRINDER
Collet sizes available 1/8", 1/4",
3mm, 6mm & 8mm

Speed 25,000 rpm
Collet size 6 mm
Av Air Con 3 cfm
Weight 0.38 kg
Vibration Level <2.5 m/sec²
Sound Pressure 86.0 db(a)
Length 148.5 mm
Height 40 mm
Air Inlet 1/4 bsp

UT5720B
DIE GRINDER
With cushion comfort grip
Collet sizes available 1/8", 1/4",
3mm, 6mm & 8mm

Speed 25,000 rpm
Collet size 6 mm
Av Air Con 3.5 cfm
Weight 0.6 kg
Vibration Level 1.57 m/sec²
Sound Pressure 78.4 db(a)
Length 178 mm
Height 43 mm
Air Inlet 1/4 bsp

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
UT5721
DIE GRINDER
Collet sizes available 1/8", 1/4", 3mm, 6mm & 8mm

UT8841-DG
DIE GRINDER
Collet sizes available 1/8", 1/4", 3mm, 6mm & 8mm

UT8724
6MM DIE GRINDER
0.45 HP motor prevents stall under load
Collet sizes available 1/8", 1/4", 3mm, 6mm & 8mm

UT5721-TB
TYRE BUFFER
See page 26 for accessories

UT8706K-2
1/8" PENCIL GRINDER KIT
Double front spindle bearing for increased durability and reduced vibration
This model is replacing UT/UK UT1070K
Collet sizes are 3/32, 1/8, & 3mm

UT8707K
ANGLE HEAD TURBINE GRINDER KIT
Roll throttle and small diameter grip for constant speed and operator control
UT8775-ABK

MULTI FUNCTION GRINDER
Supplied in a kit with the accessories shown
Optional Dust Extraction - UT875VA

- Speed: 4,000 rpm
- Av Air Con: 4 cfm
- Weight: 1.2 kg
- Vibration Level: <2.5 m/sec²
- Sound Pressure: 81 db(a)
- Length: 270 mm
- Height: 100 mm
- Air Inlet: 1/4 bsp

UT8716-BKC

2” MINI GRINDER & CUTTER KIT
10 cutting & grinding wheels included

- Speed: 18,000 rpm
- Av Air Con: 4 cfm
- Weight: 0.6 kg
- Vibration Level: 8.5 m/sec²
- Sound Pressure: 81 db(a)
- Length: 125 mm
- Height: 60 mm
- Spindle Size: 3/8” x 24 unc
- Air Inlet: 1/4 bsp

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
GRINDER ACCESSORIES

COLLETS

<table>
<thead>
<tr>
<th>Collet size</th>
<th>Part No. for all Die Grinders*</th>
<th>UT5724 Only</th>
<th>UT5725 Only</th>
<th>UT1070K Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/32&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1/8&quot;</td>
<td>92232</td>
<td>5724-22B</td>
<td>5724-15B</td>
<td>RL81202A</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>92253</td>
<td>5724-22A</td>
<td>5725-15A</td>
<td>RL81202C</td>
</tr>
<tr>
<td>1mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>RL81202B</td>
</tr>
<tr>
<td>3mm</td>
<td>732224</td>
<td>5724-22C</td>
<td>5725-15C</td>
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<tr>
<td>6mm</td>
<td>732227</td>
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<td>8mm</td>
<td>RL80528G</td>
<td>-</td>
<td>5725-15D</td>
<td>-</td>
</tr>
</tbody>
</table>

*Please use the table above to ensure you select the correct collet for your tool. More tool collets are available on request.

2" CUTTING & GRINDING DISCS

For use with UT8716BKC

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Gridding</th>
</tr>
</thead>
<tbody>
<tr>
<td>5A-7283A39-11</td>
<td>60 grit</td>
</tr>
<tr>
<td>5A-7283A39-12</td>
<td>80 grit</td>
</tr>
<tr>
<td>5A-7283A39-13</td>
<td>120 grit</td>
</tr>
<tr>
<td>H0070</td>
<td>Cutting</td>
</tr>
</tbody>
</table>

SPARES FOR UT8775ABK

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST-BT246652</td>
<td>Stripping Wheel</td>
</tr>
<tr>
<td>ST-BTRE115-30</td>
<td>Eraser Wheel</td>
</tr>
<tr>
<td>ST-BT246655A-K03A</td>
<td>Eraser Adaptor</td>
</tr>
<tr>
<td>BTWW103-23-5</td>
<td>Fine Wire Bristles</td>
</tr>
<tr>
<td>BTWW103-23-5.5</td>
<td>Medium Wire Bristles</td>
</tr>
<tr>
<td>BTWW103-23-7</td>
<td>Coarse Wire Bristles</td>
</tr>
</tbody>
</table>

TYRE BUFFER

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H0036</td>
<td>Assembly (cone and arbor) (fits all die grinders and drills)</td>
</tr>
<tr>
<td>H0037</td>
<td>Replacement cone only</td>
</tr>
</tbody>
</table>

www.universal.co.uk
UT9925BK

PISTOL RECOILLESS AIR HAMMER KIT
Kit contains five chisels: 902, 907, 909, 910, 912 (see page 37)
Includes H0045B non-turn quick change retainer and 512 standard spring retainer
Tool also available separately with standard spring retainer, part number UT9925

Shank size .401
Blows per min 3,700
Av Air Con 4 cfm
Weight 1.95 kg
Vibration Level 13.8 m/sec²
Sound Pressure 94.26 db(a)
Length 152 mm
Height 144 mm
Air Inlet 1/4 bsp

UT8646-1/UT8646-1BK
PISTOL AIR HAMMER
Impact resistant composite handle for reduced weight
Kit contains 5 chisels and standard spring retainer

Shank size .401
Blows per min 3,700
Av Air Con 4 cfm
Weight 1.1 kg
Vibration Level 13.8 m/sec²
Sound Pressure 96.3 db(a)
Length 152 mm
Height 145 mm
Air Inlet 1/4 bsp

UT8663/UT8664
AERO RIVETING HAMMER

Shank size .401
Blows per min (UT8663) 2160 (UT8664) 1740
Av Air Con 7.8 cfm
Weight (UT8663) 1.3 (UT8664) 1.4 kg
Vibration Level (UT8663) 5.6 (UT8664) 5.8 m/sec²
Sound Pressure (UT8663) 91.5 (UT8664) 91.7 db(a)
Length (UT8663) 170 (UT8664) 227 mm
Height 140 mm
Air Inlet 3/8 bsp

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
UT8674-1
PISTOL AIR HAMMER
3/4" piston, 4-5/8" stroke and 0.498" shank
for extra heavy duty work
Kit is available on request

Shank size .498
Blows per min 3,200
Av air con 7.8 cfm
Weight 1.9 kg
Vibration level 6.8 m/sec²
Sound pressure 92.5 db(a)
Length 198 mm
Height 150 mm

UT8654H4
4" STROKE CHIPPING HAMMER
Crisp plate valve for extra hard hitting and control

Shank size .580 hex
Blows per min 1,700
Av air con 8.3 cfm
Weight 8.9 kg
Vibration level 6.7 m/sec²
Sound pressure 92.5 db(a)
Length 419 mm
Height 150 mm

UT8631BK
CHIPPING HAMMER KIT WITH NEEDLE SCALER ATTACHMENT
Supplied in a case with
3 chisels and a needle scaler attachment
Includes needle set
(19 x 3mm flat)
part no. 1377
For chisels
see page 37

Blows per min 4,400
Shank Size 1/2 sq
Av Air Con 4 cfm
Weight 2.7 kg
Vibration Level 14.5 m/sec²
Sound Pressure 90.3 db(a)
Length 210 mm
Height 43 mm
Air Inlet 1/4 bsp

www.universal.co.uk
### CHISELS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Shank</th>
<th>Non Turn</th>
<th>Shank</th>
</tr>
</thead>
<tbody>
<tr>
<td>901</td>
<td>.401</td>
<td>-</td>
<td>965</td>
</tr>
<tr>
<td>902</td>
<td>-</td>
<td>3114</td>
<td>-</td>
</tr>
<tr>
<td>903-½ (½”)</td>
<td>903-1 (1”)</td>
<td>-</td>
<td>968-(1¼”)</td>
</tr>
<tr>
<td>904</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>905</td>
<td>-</td>
<td>3106</td>
<td>955</td>
</tr>
<tr>
<td>906</td>
<td>-</td>
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<td>964</td>
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<tr>
<td>907</td>
<td>-</td>
<td>3105</td>
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<tr>
<td>908</td>
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<td>-</td>
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<td>3109</td>
<td>959</td>
</tr>
<tr>
<td>910</td>
<td>-</td>
<td>3102</td>
<td>960-5/8</td>
</tr>
<tr>
<td>910-11</td>
<td>12” O.A.L</td>
<td>960-18</td>
<td></td>
</tr>
<tr>
<td>910-18</td>
<td>3102-12</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>910-1/2</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>910-11/2</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>911</td>
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<td>3101</td>
<td>963</td>
</tr>
<tr>
<td>914</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>922</td>
<td>-</td>
<td>3112</td>
<td>-</td>
</tr>
<tr>
<td>923</td>
<td>-</td>
<td>3104</td>
<td>-</td>
</tr>
<tr>
<td>H0096 (945)</td>
<td>-</td>
<td>H0098 (967)</td>
<td>-</td>
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</tbody>
</table>

**WELD CHIPPER CHISELS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Shank</th>
<th>Shank</th>
</tr>
</thead>
<tbody>
<tr>
<td>901</td>
<td>.401</td>
<td>-</td>
</tr>
<tr>
<td>902</td>
<td>3114</td>
<td>-</td>
</tr>
<tr>
<td>903-½ (½”)</td>
<td>903-1 (1”)</td>
<td>-</td>
</tr>
<tr>
<td>904</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>905</td>
<td>-</td>
<td>3106</td>
</tr>
<tr>
<td>906</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>907</td>
<td>-</td>
<td>3105</td>
</tr>
<tr>
<td>908</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>909</td>
<td>-</td>
<td>3109</td>
</tr>
<tr>
<td>910</td>
<td>-</td>
<td>3102</td>
</tr>
<tr>
<td>910-11</td>
<td>12” O.A.L</td>
<td>960-18</td>
</tr>
<tr>
<td>910-18</td>
<td>3102-12</td>
<td>-</td>
</tr>
<tr>
<td>910-1/2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>910-11/2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>911</td>
<td>-</td>
<td>3110</td>
</tr>
<tr>
<td>912</td>
<td>-</td>
<td>3103</td>
</tr>
<tr>
<td>913</td>
<td>-</td>
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<tr>
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<td>-</td>
<td>3112</td>
</tr>
<tr>
<td>923</td>
<td>-</td>
<td>3104</td>
</tr>
<tr>
<td>H0096 (945)</td>
<td>-</td>
<td>H0098 (967)</td>
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</table>

**HEAVY HAMMER CHISELS - OVAL COLLAR**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Shank</th>
<th>Shank</th>
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</thead>
<tbody>
<tr>
<td>901</td>
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<td>-</td>
</tr>
<tr>
<td>902</td>
<td>3114</td>
<td>-</td>
</tr>
<tr>
<td>903-½ (½”)</td>
<td>903-1 (1”)</td>
<td>-</td>
</tr>
<tr>
<td>904</td>
<td>-</td>
<td>-</td>
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<tr>
<td>905</td>
<td>-</td>
<td>3106</td>
</tr>
<tr>
<td>906</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>907</td>
<td>-</td>
<td>3105</td>
</tr>
<tr>
<td>908</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>909</td>
<td>-</td>
<td>3109</td>
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<tr>
<td>910</td>
<td>-</td>
<td>3102</td>
</tr>
<tr>
<td>910-11</td>
<td>12” O.A.L</td>
<td>960-18</td>
</tr>
<tr>
<td>910-18</td>
<td>3102-12</td>
<td>-</td>
</tr>
<tr>
<td>910-1/2</td>
<td>-</td>
<td>-</td>
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<tr>
<td>910-11/2</td>
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<td>-</td>
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<tr>
<td>911</td>
<td>-</td>
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<td>3101</td>
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<tr>
<td>914</td>
<td>-</td>
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<td>922</td>
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<tr>
<td>923</td>
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<td>3104</td>
</tr>
<tr>
<td>H0096 (945)</td>
<td>-</td>
<td>H0098 (967)</td>
</tr>
</tbody>
</table>

To fit UT8631, see page 36

*Round collar versions are available on request.

### CHISEL RETAINERS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>512</td>
<td>Standard spring retainer (.401”)</td>
</tr>
<tr>
<td>512-10</td>
<td>Pack of 10 (.401”)</td>
</tr>
<tr>
<td>513</td>
<td>Standard spring retainer (.498”)</td>
</tr>
<tr>
<td>888</td>
<td>Beehive spring (.498”)</td>
</tr>
<tr>
<td>H00458</td>
<td>Standard non-turn retainer (.401”)</td>
</tr>
</tbody>
</table>
**UT5922LV**

**LOW VIBRATION AIR SAW**

Exceptionally low vibration for greater operator comfort and maximum trigger time

- Av Air Con 4 cfm
- Weight 0.55 kg
- Vibration Level 1.2 m/sec²
- Sound Level 85 db(a)
- Strokes Per Min 10,000
- Length 265 mm
- Air Inlet 1/4 bsp

**HIGH SPEED BI-METAL SAW BLADES**

- PART NO. H0403-18 - 18 TPI
- H0403-24 - 24 TPI
- H0403-32 - 32 TPI

**SAFETY THROTTLE LEVER**

**LOW VIBRATION AND COMFORTABLE NON-SLIP GRIP**

**SMALL AND LOW WEIGHT DESIGN FOR GREAT ACCESSIBILITY**

**ADJUSTABLE 360° REAR EXHAUST**
**UT5920**
ECONOMY AIR SAW

- Av Air Con 4 cfm
- Weight 0.6 kg
- Vibration Level 24.1 m/sec²
- Sound Pressure 79 db(a)
- Strokes per min 10,000
- Capacity in steel 1.6 mm
- Capacity in aluminium 2.0 mm
- Length 199 mm
- Height 40 mm
- Air Inlet 1/4 bsp

**HP020**
JIGSAW

- Av Air Con 8 cfm
- Weight 1.8 kg
- Vibration Level 4.0 m/sec²
- Sound Pressure 76.0 db(a)
- Strokes per min 1,600-3000
- Capacity in steel 10 mm
- Capacity in wood 60 mm
- Length 225 mm
- Height 206 mm
- Air Inlet 1/4 bsp

**SAW BLADES**

**JIGSAW BLADES**
(FOR HP020)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H0400</td>
<td>Set of 5 general purpose blades</td>
</tr>
<tr>
<td></td>
<td>(wood, plastics etc.)</td>
</tr>
<tr>
<td>H0401</td>
<td>Set of 5 blades suitable for metal</td>
</tr>
<tr>
<td></td>
<td>/sheet metal</td>
</tr>
</tbody>
</table>

**BI-METAL SAW BLADES**
(FOR UT5920 & UT5922LV)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H0403-18</td>
<td>18 TPI</td>
</tr>
<tr>
<td>H0403-24</td>
<td>24 TPI</td>
</tr>
<tr>
<td>H0403-32</td>
<td>32 TPI only sold singles</td>
</tr>
<tr>
<td></td>
<td>CSB 24 and CSB32 are</td>
</tr>
<tr>
<td></td>
<td>sold in pkts of 5</td>
</tr>
</tbody>
</table>

www.universal.co.uk
UT5761A
EXTENDED CUT OFF TOOL
Low profile head brings 1HP of cutting power into extremely tight spaces
Easily adjustable 11-point variable guard
Spindle lock for quick disc change

Speed 14,000 rpm
Power Output 1.0 hp (0.7 kw)
Cutting Disc Size 4" (100 mm)
Disc Hole Size 3/8" (10 mm)
Av Air Con 4 cfm
Length 377 mm
Head Width 49 mm
Nett Weight 1.7 kg
Vibration Level 3.65 m/sec²
Sound Pressure 89.5 db(a)
Air Inlet 1/4 bsp
**UT8600-1**  
**NIBBLER**  
Complete with spare punch and die

- Speed: 2,600 rpm  
- Motor Power: 0.5 hp  
- Av Air Con: 3.7 cfm  
- Weight: 0.9 kg  
- Vibration Level: 1.2 m/sec²  
- Sound Pressure: 91.0 db(a)  
- Capacity in steel: 1.0 mm  
- Capacity in aluminium: 2.0 mm  
- Length: 226 mm  
- Height: 125 mm  
- Air Inlet: 1/4 bsp

**UT8841-S**  
**STRAIGHT SHEAR**  
Powerful 0.5 HP motor

- Speed: 3,600 rpm  
- Motor Power: 0.5 hp  
- Av Air Con: 3.7 cfm  
- Weight: 0.8 kg  
- Vibration Level: 3.6 m/sec²  
- Sound Pressure: 86.0 db(a)  
- Capacity in steel: 1.6 mm  
- Capacity in aluminium: 2.0 mm  
- Length: 273 mm  
- Height: 37 mm  
- Air Inlet: 1/4 bsp

**UT8606**  
**PISTOL SHEAR**  
Powerful 0.5 HP motor with tease trigger

- Speed: 2,600 rpm  
- Motor Power: 0.5 hp  
- Av Air Con: 3.7 cfm  
- Weight: 0.9 kg  
- Vibration Level: 1.2 m/sec²  
- Sound Pressure: 91.0 db(a)  
- Capacity in steel: 1.0 mm  
- Capacity in aluminium: 2.0 mm  
- Length: 226 mm  
- Height: 125 mm  
- Air Inlet: 1/4 bsp

**UT8841-S**  
**CUT-OFF TOOL**  
Clear Polycarbonate  
Swivel Guard  
Includes cutting disc

- Speed: 20,000 rpm  
- Motor: 0.5 hp  
- Cutting Disc Size: 3 mm (75 mm)  
- Weight: 0.6 kg  
- Vibration Level: 3 m/sec²  
- Noise Level: 93 db(a)  
- Length: 171 mm  
- Av Air Con: 4.5 cfm  
- Air Inlet: 1/4 bsp

**PUNCH & DIE ACCESSORIES**

- Nibbler punch for UT8600-1
- Nibbler die (anvil) for UT8600-1
- Complete shear head for UT8600-1-38
- Complete shear head for UT8600-1-40
- 2" Cutting Disc for UT8716BK  
- HA10
- 3" Cutting Disc for UT5762  
- H0069N
- 4" Cutting Disc for UT5761A  
- 5L-3011B39N

www.universal.co.uk
HP003LV

LOW VIBRATION
HEAVY DUTY
PISTOL NEEDLE SCALER

Includes needle set (28 x 3 mm) part no. 317
Low vibration pistol grip needle scaler for heavy duty applications
Reduced risk of vibration related injuries and improves operator control
No additional tools needed for changing needles

Blows per min 3,000
Standard needle set 28 (3 mm)
Av Air Con 8.5 cfm
Weight 3.5 kg
Vibration Level 2.3 m/sec²
Sound Pressure 95.06 db(a)
Length 370 mm
Height 177 mm
Air Inlet 1/4 bsp

HP002LV

LOW VIBRATION MEDIUM DUTY
STRAIGHT NEEDLE SCALER

Includes needle set (19 x 3 mm) part no. 225
Blows per min 3,000
Standard needle set 19 (3 mm)
Av Air Con 4 cfm
Weight 2.35 kg
Vibration Level 2.3 m/sec²
Sound Pressure 95.6 db(a)
Length 370 mm
Height 47 mm
Air Inlet 1/4 bsp

HP002PGLV

LOW VIBRATION MEDIUM DUTY PISTOL NEEDLE SCALER

Includes needle set (19 x 3 mm) part no. 225
Blows per min 2,400
Standard needle set 19 (3 mm)
Av Air Con 4 cfm
Weight 2.7 kg
Vibration Level 2.75 m/sec²
Sound Pressure 90.7 db(a)
Length 340 mm
Height 172 mm
Air Inlet 1/4 bsp

NEW RANGE OF ATEX APPROVED NEEDLE SCALERS AVAILABLE ON REQUEST

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
HP001T
LIGHT DUTY STRAIGHT NEEDLE SCALER
Includes needle set (12 x 3 mm) part no.125

Blows per min 3,700
Standard Needle Set 12 (3 mm)
Av Air Con 3 cfm
Weight 1.6 kg
Vibration Level 8.5 m/sec²
Sound Level 97.4 db(a)
Length 350 mm
Height 40 mm
Air Inlet 1/4 bsp

HP001
LIGHT DUTY STRAIGHT NEEDLE SCALER
Includes needle set (12 x 3 mm) part no.125

Blows per min 4,300
Standard needle set 12 (3 mm)
Av Air Con 15 cfm
Weight 1.6 kg
Vibration Level 13.8 m/sec²
Sound Pressure 97.4 db(a)
Length 360 mm
Height 40 mm
Air Inlet 1/4 bsp

HP002T
MEDIUM DUTY STRAIGHT NEEDLE SCALER
Includes needle set (19 x 3 mm) part no.225

Blows per min 2,700
Standard needle set 19 (3 mm)
Av Air Con 5.5 cfm
Weight 2.5 kg
Vibration Level 9.3 m/sec²
Sound Pressure 100.3 db(a)
Length 390 mm
Height 47 mm
Air Inlet 1/4 bsp

HP002
MEDIUM DUTY STRAIGHT NEEDLE SCALER
Includes needle set (19 x 3 mm) part no.225

Blows per min 2,700
Standard needle set 19 (3 mm)
Av Air Con 5.5 cfm
Weight 2.5 kg
Vibration Level 9.3 m/sec²
Sound Pressure 100.3 db(a)
Length 390 mm
Height 47 mm
Air Inlet 1/4 bsp

HP002PGT
MEDIUM DUTY PISTOL NEEDLE SCALER
Includes needle set (19 x 3 mm) part no.225

Blows per min 3,000
Standard Needle Set 19 (3 mm)
Av Air Con 12 cfm
Weight 2.7 kg
Vibration Level 8.7 m/sec²
Sound Level 97 db(a)
Length 315 mm
Air Inlet 1/4 bsp

HP002PG
MEDIUM DUTY PISTOL NEEDLE SCALER
Includes needle set (19 x 3 mm) part no.225

Blows per min 2,700
Standard needle set 19 (3 mm)
Av Air Con 5.5 cfm
Weight 2.9kg
Vibration Level 12.8 m/sec²
Sound Pressure 100.3 db(a)
Length 366 mm
Height 172 mm
Air Inlet 1/4 bsp
NEEDLE SCALERS

**UT53NG**
HEAVY DUTY PISTOL NEEDLE SCALER
Includes needle set (28 x 3 mm) part no. 317

Blows per min 2,700
Standard needle set 28 (3 mm)
Av Air Con 8 cfm
Weight 4.7 kg
Vibration Level 18.6 m/sec²
Sound Pressure 95.3 db(a)
Length 339 mm
Height 235 mm
Air Inlet 1/4 bsp

**HP003**
HEAVY DUTY PISTOL NEEDLE SCALER
Includes needle set (28 x 3 mm) part no. 317

Blows per min 2,000
Standard needle set 28 (3 mm)
Av Air Con 8 cfm
Weight 4.3 kg
Vibration Level 12.2 m/sec²
Sound Pressure 101.5 db(a)
Length 460 mm
Height 240 mm
Air Inlet 1/4 bsp

**HP004**
HEAVY DUTY PISTOL NEEDLE SCALER
Includes needle set (35 x 4 mm) part no. 470F

Blows per min 1,800
Standard needle set 35 (4 mm)
Av Air Con 10 cfm
Weight 5.9 kg
Vibration Level 30.3 m/sec²
Sound Pressure 104.4 db(a)
Length 510 mm
Height 265 mm
Air Inlet 1/4 bsp

**ACCESSORIES**
Larger carton quantities available for all types of needles

- **3mm CHISEL TIP NEEDLE SETS**
  - 125 12 needles for #1 series
  - 225 19 needles for #2 series
  - 317 28 needles for #3 series

- **3mm FLAT TIP NEEDLE SETS**
  - 1377 19 needles for #2 series
  - 3mm NON-SPARK BERYLLIUM

- **COPPER FLAT TIP NEEDLE SETS**
  - 317BC 28 needles for #3 series

- **4mm FLAT TIP NEEDLE SETS**
  - 470F 35 needles for #4 series

- **POINTER TIP NEEDLE SETS ALSO AVAILABLE**

Information, orders & expert advice: Call **01494 883300** | Email sales@universal.co.uk
SPRAY GUNS

UT57A
GENERAL PURPOSE SPRAY GUN
1.8 mm
Suction feed

Stainless steel 1.8 air cap set
Air pressure 50 psi
Av Air Con 9 cfm
Weight 1.3 kg
Length 157 mm
Height With Pot 300 mm
Cup Capacity 1 litre
Air Inlet 1/4 bsp

UT58A-14/UT58A-17
GRAVITY FEED SPRAY GUN
1.4 or 1.7 mm

Stainless steel 1.4 or 1.7 air cap set
Air pressure 40-70 psi
Av Air Con 12 cfm
Weight 0.72 kg
Length 149 mm
Height 313 mm
Cup Capacity 600 ml
Air Inlet 1/4 bsp

UT59A
GRAVITY FEED TOUCH-UP GUN
1.0 mm

Stainless steel 1.0 air cap set
Air pressure 30-70 psi
Av Air Con 13 cfm
Weight 0.30 kg
Length 100 mm
Height With Pot 210 mm
Cup Capacity 125 ml
Air Inlet 1/4 bsp

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
HP130RN
 THREAD INSERT TOOL
 Comes complete with mandrels: M3, M4, M5, M6, M8

Motor Speed  1,400 rpm
Stroke  7 mm
Vibration Level <2.5 m/sec²
Sound Pressure 72 db(a)
Length 278 mm
Height 317 mm
Weight 2.4 kg
Pull Force (at 85 psi) 2,167 kg
Av Air Con 4 cfm
Air Inlet 1/4 bsp

MANDRILS
FOR UT130RN

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<tr>
<td>M12</td>
<td>42-M12</td>
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UT40PPA
3/16" CAPACITY POP RIVET GUN
With rubber base plate and swivel joint (connector)

Traction Power 1,100 lbs
Av Air Con 2 cfm
Weight 1.5 kg
Nosepieces 3/32" (2.4 mm), 1/8" (3.2 mm), 5/32" (4.0 mm), 3/16" (4.8 mm), 7/32" (5.6 mm), 1/4" (6.4 mm)
Vibration Level <2.5 m/sec²
Sound Pressure 77 db(a)
Length 270 mm
Width 98 mm
Rivet Capacity 3/32"-3/16"
Air Inlet 1/4 bsp

SPARE PARTS
106160 Nosepiece 3/32" - 2.4mm
107161 Nosepiece 1/8" - 3.2mm
107162 Nosepiece 5/32" - 4.0mm
107163 Nosepiece 3/16" - 4.8mm
107B07 Jaw Pusher
107B08 Jaw Set

UT50PPA
1/4" AIR RIVETER
With rubber base plate and swivel joint (connector)

Traction Power 3,055 lbs
Stroke 14mm
Nose Pieces : 3/32"(2.4 mm), 1/8"(3.2 mm), 5/32"(4.0 mm), 3/16"(4.8 mm), 7/32"(5.6 mm), 1/4"(6.4 mm)
Av Air Con 2 cfm
Weight 1.97 kg
Vibration Level 0.2 m/sec²
Sound Level 78 db(a)
Air Inlet 1/4 bsp

SPARE PARTS
50PPA-1A Nosepiece 1/4" - 6.4mm
50PPA-1B Nosepiece 7/32" - 5.6mm
50PPA-1C Nosepiece 3/16" - 4.8mm
50PPA-1D Nosepiece 5/32" - 4.0mm
50PPA-1E Nosepiece 1/8" - 3.2mm
50PPA-1F Nosepiece 3/32" - 2.4mm
50PPA-08 Large Jaw Pusher for 1/4" to 3/16"
50PPA-07 Large Jaw Set for for 1/4" to 3/16"
50PPA-08A Small Jaw Pusher for 3/32" to 5/32"
50PPA-07A Small Jaw Set for 3/32" to 5/32"

UT180R
1/4" POP RIVET GUN (VACUUM) KIT
Will pull stainless steel rivets and monobolts

Traction Power 3,700 lbs
Stroke 15 mm
Weight 1.95 kg
Nosepieces 1/8" (3.2 mm), 3/16" (4.8 mm), 5/32" (4.0 mm), 7/32" (5.6 mm), 1/4" (6.4 mm)
Vibration Level <2.5 m/sec²
Sound Pressure 70.5 db(a)
Length 294 mm
Width 94 mm
Av Air Con 4 cfm
Air Inlet 1/4 bsp

SPARE PARTS
1800037 Nosepiece 1/4" - 6.4mm
1803701 Nosepiece 7/32" - 5.6mm
1803702 Nosepiece 3/16" - 4.8mm
1803703 Nosepiece 5/32" - 4.0mm
1803704 Nosepiece 1/8" - 3.2mm
1800041 Large Jaw Pusher for 1/4" to 3/16"
1800040 Large Jaw Set for for 1/4" to 3/16"
1804101 Small Jaw Pusher for 1/8" to 5/32"
1804001 Small Jaw Set for 1/8" to 5/32"

Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
UT616BN

**COMPOSITE WINDSCREEN CUTTER**

Complete with one straight blade CF-K01A-BC

---

**Cutting Oscillation** 20,000 rpm  
**Av Air Con** 4 cfm  
**Weight** 0.97 kg  
**Vibration Level** 3.8 m/sec²  
**Sound Level** 86 db(a)  
**Length** 195 mm  
**Air Inlet** 1/4 bsp

---

WINDSCREEN CUTTER BLADES

- Straight blade - 57mm CF-K01A-BC
- Straight blade - 90mm CF-K01B-BC
- Hook blade - 18mm CF-K02A-BC
- Hook blade - 36mm CF-K02B-BC
- Hook blade - 63mm CF-K02C-BC
- Hook blade - 90mm CF-K02D-BC
- Offset blade - 30mm CF-K03-BC
- Straight blade - 8mm CF-K04-BC
- Blade - 35mm CF-K05-BC
- Hook blade - 24mm CF-K08-BC
- Circular blade DCA-25

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HP0026

BLOW GUN

The highest quality, most durable blow gun on the market

Robust and impact resistant, infinitely adjustable, leak-free & unblockable

Air Flow 380 L/min at 8 bar (115 psi)

Sound Level 85 db(a) at 8 bar (115 psi)

Operating Temperature -10°C to +80°C

Max Pressure 16 bar (230 psi)

TOOL BALANCERS

Other balancers available on request

<table>
<thead>
<tr>
<th>Balancer</th>
<th>From (kg)</th>
<th>To (kg)</th>
<th>Cable (mm)</th>
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<td>1.5</td>
<td>3.0</td>
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<td>T-9340</td>
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<td>14.0</td>
<td>2,500</td>
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</tbody>
</table>
MISCELLANEOUS

**UT176RLW**
**ENGRAVING PEN**

Supplied with tungsten-tipped medium engraving needle

Replacement needles (tip size)
- Thin RL10013
- Medium RL10014
- Thick RL10015

- **Av Air Con 2 cfm**
  - Weight 0.25 kg
  - Vibration Level <2.5 m/sec²
  - Sound Pressure 74.8 db(a)

- **Av Air Con 3 cfm**
  - Weight 1.1 kg
  - Vibration Level 2.8 m/sec²
  - Sound Pressure 83.1 db(a)

- **Av Air Con 4 cfm**
  - Weight 1.6 kg
  - Vibration Level <2.5 m/sec²
  - Sound Pressure 95.0 db(a)
  - Speed 1,200 rpm

- **Length 137 mm**
- **Height 19 mm**
- **Air Inlet 1/4 bsp**

**UT200A**
**SPOT WELD CUTTER**

8mm cutter use part number SD-80041A

- **Av Air Con 4 cfm**
  - Weight 1.6 kg
  - Vibration Level <2.5 m/sec²
  - Sound Pressure 95.0 db(a)
  - Speed 1,200 rpm

- **Length 304 mm**
- **Height 49 mm**
- **Air Inlet 1/4 bsp**

**UT021A**
**STAPLE GUN**

For staples use part no.
**UT021 + length** required
- e.g. **UT021A-6** for 6mm

- **Crown size 10 mm**
- **Staple lengths 6,10,13,16,19 & 22 mm**

- **Av Air Con 3 cfm**
  - Weight 1.1 kg
  - Vibration Level 2.8 m/sec²
  - Sound Pressure 83.1 db(a)

- **Length 202 mm**
- **Height 177 mm**
- **Air Inlet 1/4 bsp**

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Information, orders & expert advice: Call 01494 883300 | Email sales@universal.co.uk
UT100R
CAULKING GUN
Takes a standard 310mm cartridge (Longer 380mm cartridge also available)
With flow regulator

Av Air Con 4 cfm
Weight 1.9 kg
Vibration Level <2.5 m/sec²
Operating pressure 30-60 psi
Tube size 215 mm x 50 mm
Length 272 mm
Height 145 mm
Air Inlet 1/4 bsp

UT395
AIR VACUUM KIT
High performance composite gun body with vacuum/blow two way function
Attachments: Brush, small diameter vacuum tube, extension tube, flat tube, flexible hose

Av Air Con 3.36 cfm
Weight 0.67 kg
Vibration Level <2.5 m/sec²
Sound Pressure 92.0 db(a)
Length 140 mm
Height 132 mm
Air inlet 1/4 bsp

UT397
CONTINUOUS FLOW GREASE GUN
Will take cartridges/sausage bags, or self fill

Av Air Con 2 cfm
Weight 1.6 kg
Vibration Level <2.5 m/sec²
Cartridge cap 400 ml (14 oz)
Working Pressure 40-100 psi
Out Pressure 3,800 psi
Flex Hose 240 mm
Fix Hose 164 mm
Air Inlet 1/4 bsp
**TOOL OIL**

**MARVEL**

**UNIVERSAL AIR TOOLS HAS RECOMMENDED MARVEL AIR TOOL OIL FOR OVER 30 YEARS.**

- Provides positive lubrication for smooth starting
- Dissolves the deposits that cut down tool speed and reduce power output
- Prevents rust formation
- Assures maximum performance
- Lengthens the life of your tools

**Part Numbers**

- **H0076** Small bottle 4 US fl. oz. (118ml)
- **H0075** Case of 48 small bottles
- **H0077** Large bottle 32 US fl. oz. (946ml)
- **H0078** Case of 12 large bottles

**Silicone free**

ISO Grade 10

Freezing point: -51 °C

Flashpoint: +51 °C

Marvel’s unique formulation has a heavy-duty corrosion inhibitor to protect your Universal Tool from moisture in the air line. It includes a solvent that breaks down deposits and gum, allowing them to be safely blown out of the exhaust, leaving a lasting coating of oil for lubrication and your air tool in peak condition. This oil is silicone free and protects the o-rings, seals and other plastic parts.

Information, orders & expert advice: Call **01494 883300** | Email sales@universal.co.uk
Hoses, Couplings & Regulators

AH1015PVCREEL
- Ideal for automotive workshops
- 10mm (3/8") ID x 15m long
- 1/4" BSP M threaded fittings
- Highly durable composite case
- Steel mounting bracket

AH1315RREEL
- Ideal for commercial vehicle workshops and industrial applications
- 13mm (1/2") ID x 15m long
- 1/2" BSP M & F threaded fittings
- Highest quality rubber hose
- Reinforced steel housing

AH1015RREEL
- Ideal for commercial vehicle workshops and industrial applications
- 10mm (3/8") ID x 15m long
- 1/4" BSP M & F threaded fittings
- Highest quality rubber hose
- Reinforced steel housing

Rubber Whip Hose
- Recommended to isolate the vibration at the air tool from the quick coupling and prevent accidents
- All supplied with male & female threaded fittings
- AH08RWHIP - 8mm ID x 0.5m with 1/4" BSP
- AH10RWHIP - 10mm ID x 0.5m with 1/4" BSP
- AH13RWHIP - 13mm ID x 0.5m with 1/2" BSP

RUBBER ALLOY, RUBBER & HIGH VIZ RUBBER HOSE

<table>
<thead>
<tr>
<th>Rubber Alloy</th>
<th>Rubber</th>
<th>High Viz</th>
<th>Hose ID</th>
<th>Length</th>
<th>Fitting A</th>
<th>Fitting B</th>
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<td>AH0805HV</td>
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Spray Booth Rubber Hose
- High Temperature Rubber (Blue)
- Air hose with 1/4" BSP male fittings
- Temperature range - 40°C to +100°C
- AH1010RHT 10mm ID x 10m
- AH1015RHT 10mm ID x 15m

Coiled Air Hose
- Supplied with 1/4" BSP male fittings
- 8mm ID: M0208C (2m) & M0508C (5m)
- 10mm ID: M0210C (2m) & M0510C (5m)
- 13mm ID: M65153C (6.5m) 3/8" BSP female

Clear Reinforced PVC Hose
- Available in 6mm, 8mm, 10mm and 13mm ID
- 30m lengths without fittings

www.universal.co.uk
# Filters, Regulators & Lubricators

A modular, compact, low weight and robust range of solutions to suit all applications

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### INTEGRAL TAILPIECES

- IT38N 10mm ID to Standard Adaptor
- IT12 13mm ID to 100 Series

### Tailpieces

- TP14 6mm ID to 1/4" BSP
- TP38N 10mm ID to 1/4" BSP
- TP12 13mm ID to 3/8" BSP
- TP1212 13mm ID to 1/2" BSP

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Information, orders & expert advice: Call **01494 883300** | Email **sales@universal.co.uk**
INFORMATION

UNIVERSAL TOOL (UT) & AIRCAT BRANDS:

Since the mid 1970’s Florida Pneumatic Manufacturing Corporation in North America; and Universal Air Tool Company Limited in Europe have both based their own brand air tool business on the Universal Tool (UT) brand.

In North America the UT brand has been primarily directed at the industrial market, while in Europe the UT brand has been directed at both the Industrial & Automotive Aftermarket.

In July 2014 Florida Pneumatic absorbed AIRCAT into its business portfolio. This followed the acquisition of AIRCAT by the group’s parent company P & F Industries. In October 2014 the AIRCAT brand was introduced to Europe via Universal Air Tool Company Limited.

P & F Industries, Florida Pneumatic Manufacturing Corporation and Universal Air Tool Company Limited, will continue to focus on and further develop the UT brand which is the foundation of our group’s air tool business. The AIRCAT brand adds a valuable element to ensure that the group and its subsidiary companies can better compete at the top end of the Automotive Aftermarket with certain other leading brands of high performance air tools; primarily marketed to the global Automotive Aftermarket.

ONE YEAR LIMITED WARRANTY

Universal Air Tool Company Limited warrants its tools to be free from defects in materials and workmanship. Tools thought to be defective should be returned to head office or an authorised service centre, transportation charges prepaid, for examination and consequent repair or replacement. This warranty does not cover damage to tools arising from alteration, abuse, or use for other than their intended purpose and does not cover any repairs or replacement made by anyone other than Universal Air Tool Company or its authorised repair centres.

The duration of the warranty and any other warranty including, but not limited to, any implied warranty of merchantability is expressly limited to one year, beginning from the date of the delivery to the original user. The obligation of Universal Air Tool Company Limited under any warranty, express or implied, is limited solely to the repair or replacement at its head office or authorised repair centre of any part which shall prove defective. The rights under this warranty are limited to the original user and may not be transferred to subsequent owners.

BEST PRACTICE

Use a clean lubricated air supply that will give a measured air pressure at the tool of 90 psi (6.2 bar) when the tool is running with the trigger fully depressed and the air regulator in its maximum opening flow position. Use recommended hose size and length. It is recommended that the tool is connected to the air supply as shown. Do not connect an adaptor directly to the tool but use a whip or leader hose of approximately 50cm (20") in length. Do not connect the tool to the air line system without incorporating an easy to reach and operate air shut-off valve. The air supply should be lubricated. It is strongly recommended that an air filter, regulator, lubricator (FRL) is used as this will supply clean, lubricated air at the correct pressure to the tool. Use suitable pneumatic motor lubricating oil, preferably incorporating a rust inhibitor. UT recommends Marvel Air Tool Oil.

If a lubricator is not used then the tool should be lubricated by shutting off the air supply to the tool and depressurising the line by pressing the trigger on the tool. Disconnect the air line and pour into the intake bushing a teaspoonful (5ml) of oil. Reconnect the tool to the air supply and run the tool slowly for a few seconds to allow air to circulate the oil. If the tool is used frequently then lubricate on a daily basis, also if the tool starts to slow or lose power. When lubricating, ensure that the screen is clean.

It is recommended that the air pressure at the tool whilst the tool is running is 90 psi (6.2 bar). The tool can run at lower and higher pressures with a maximum permitted working air pressure of 100 psi (7.0 bar). For a lower air pressure the tool will give a lower output for a given setting of the air regulator set for 90 psi operation and an increased output for higher pressures. Always read the tool instructions for specific information that may overrule this general best practice.
## USEFUL MEASUREMENTS

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