



Universal Tool



AIR TOOLS FOR INDUSTRY



Air Tools for Industry



Universal Tool offers a wide selection of air tools for industrial and MRO applications. Our headquarters and 65,000 square foot manufacturing facility is located in Jupiter, Florida where our U.S. product offering is manufactured.

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.



ASMMA



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Impacts

Universal Tool impact wrenches offer superior design and weight distribution for easy handling and reduced operator fatigue. Their patented roller cam clutch and DynaPact® clutch mechanisms provide high energy blows for maximum power and fast rundown.

Universal Tool impacts can be found in diverse industries such as production assembly, petro chemical, MRO & construction.

Socket Retainers:

The style of socket retainer on our impact wrenches is indicated by “R”, “P”, “C”, “Q” or “S” following the model number. The diagram below illustrates the styles of socket retainers available.

“R” Ring type



“P” Pin type



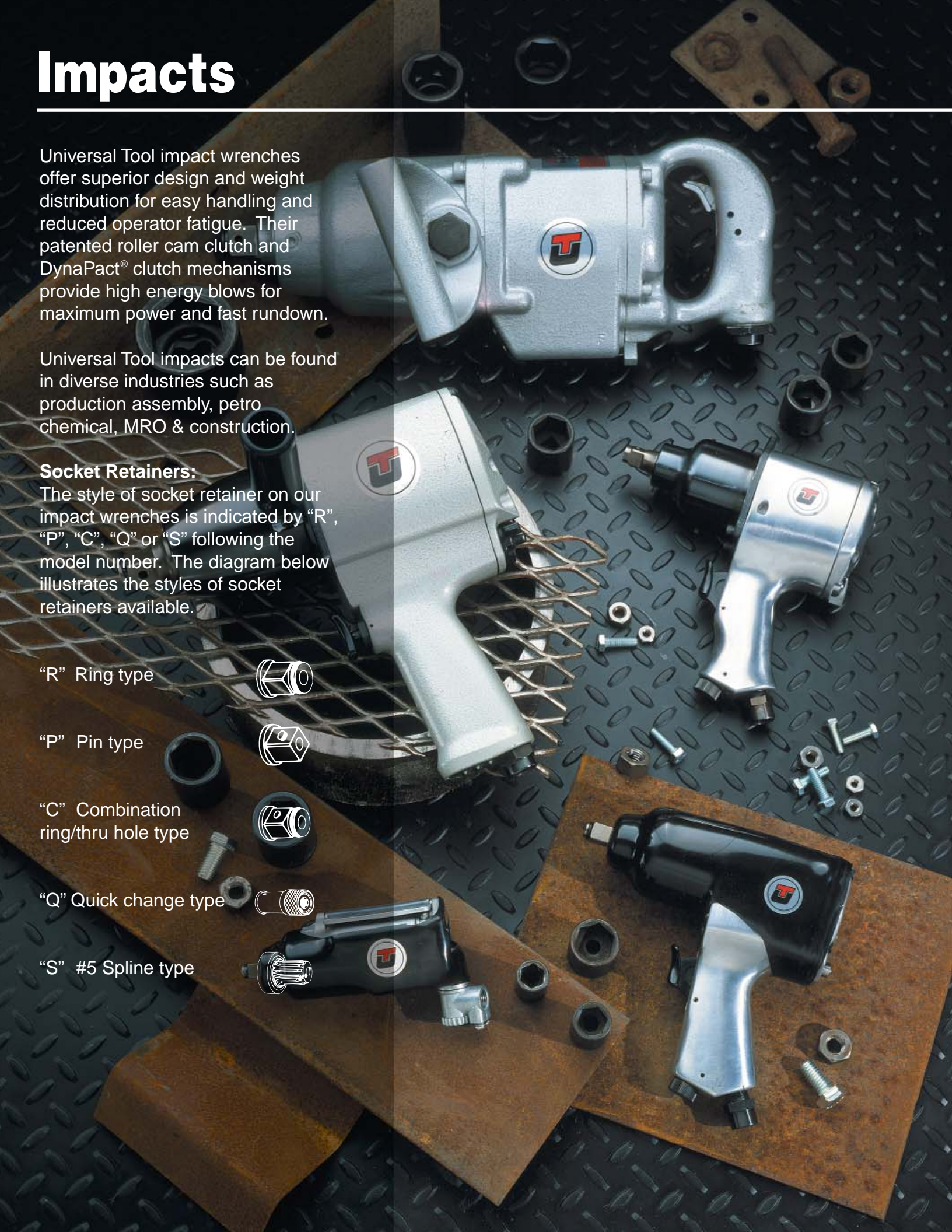
“C” Combination ring/thru hole type



“Q” Quick change type



“S” #5 Spline type





Impact Wrenches

1/4–3/8 Inch



UT8022B

UT8022B 1/4" Impact Wrench

- Patented roller clutch for fast rundown
- Compact for use in tight areas
- Excellent for small fasteners or self tapping screws



UT8050P



UT8050Q

UT8050Q/8050P Impact Wrench

- 1/4" Hex QC anvil or 3/8" square drive
- Lever throttle for variable speed control
- Push-pin forward/reverse with built-in regulator



UT8025R

UT8025R 3/8" Impact Wrench

- Butterfly impact has a paddle throttle for instant direction changes
- 360° Swivel inlet
- Multi-position power regulator



UT8030R

UT8030R 3/8" Impact Wrench

- Push-pin forward/reverse
- Rubber scuff guard protects housing and work piece
- Oil bath clutch lubrication

SPECIFICATIONS

Model No.	Free Speed (RPM)	Drive (in.)	Max. Torque (ft.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Hose Size (in.)	Rec. Air Pressure (PSI)
UT8022B	10,000	1/4	25	2-1/4	4-3/4	1/4	3/8	90
UT8050P	11,000	3/8	75	2-1/4	7-1/4	1/4	3/8	90
UT8050Q	11,000	1/4 QC	60	2-1/4	7-3/4	1/4	3/8	90
UT8025R	11,000	3/8	75	2-3/8	6-1/4	1/4	3/8	90
UT8030R	10,000	3/8	75	2-7/8	5-1/4	1/4	3/8	90



Impact Wrenches

3/8 Inch



UT8035R

UT8035R 3/8" Impact Wrench

- Ring type retainer for quick socket changes
- Push-pin forward/reverse
- Built-in power regulator



UT8045R

UT8045R 3/8" Impact Wrench

- Variable speed lever throttle
- Ergonomic offset design
- Built-in power regulator



UT8070R/P

UT8070R/P 3/8" Impact Wrench

- 3 Step power regulator
- Oil bath clutch lubrication
- Steel anvil housing protects internals
- Ring or pin type anvil



UT8075P

UT8075P 3/8" Impact Wrench

- Hard-hitting DynaPact® clutch delivers 150 ft. lbs. maximum torque
- Contoured polyurethane grip
- Patented Silent-X exhaust
- Steel anvil housing protects internals

SPECIFICATIONS

Model No.	Free Speed (RPM)	Drive (in.)	Max. Torque (ft.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Hose Size (in.)	Rec. Air Pressure (PSI)
UT8035R	11,000	3/8	60	2-1/2	5-1/2	1/4"	3/8	90
UT8045R	9,000	3/8	90	2-5/8	5-1/2	1/4"	3/8	90
UT8070R/P	9,000	3/8	150	3	6	1/4"	3/8	90
UT8075P	8,500	3/8	150	3-1/2	6-1/4	1/4"	3/8	90

**UT8110R****UT8110R 1/2" Impact Wrench**

- Multi-torque power regulator
- Push-pin forward/reverse
- Oil bath clutch mechanism

**UT8130R****UT8130R 1/2" Impact Wrench**

- Steel hammer case
- 3 Piece housing for easy maintenance
- Multi-position power regulator

**UT8140P****UT8140P 1/2" Impact Wrench**

- DynaPact® clutch for high torque output (500 ft. lbs.)
- Steel hammer case
- Pin-type retainer for secure socket retention

**UT8150P****UT8150P 1/2" Impact Wrench**

- Contoured polyurethane grip
- Steel hammer case
- Patented Silent-X exhaust

SPECIFICATIONS

Model No.	Free Speed (RPM)	Drive (in.)	Max. Torque (ft.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T)	Hose Size (in.)	Rec. Air Pressure (PSI)
UT8110R	8,000	1/2	250	4-1/2	7-1/2	1/4"	3/8	90
UT8130R	7,500	1/2	400	5-1/2	7-1/4	1/4"	3/8	90
UT8140P	8,000	1/2	500	5-3/4	7-1/2	1/4"	3/8	90
UT8150P	7,500	1/2	500	6-1/4	7-1/2	1/4"	3/8	90



Impact Wrenches

3/4 Inch



UT8310R

UT8310R 3/4" Impact Wrench

- Multi-position power regulator
- PVC housing boot protects work piece
- Oil bath lubrication of hammer clutch



UT8320R

UT8320R 3/4" Impact Wrench

- Steel hammer case
- Oil bath clutch lubrication
- Multi-position power regulator



UT8340C

UT8340C 3/4" Impact Wrench

- Combination retainer for industrial applications
- 3 Piece housing for easy maintenance
- Steel hammer case



UT8355C

UT8355C 3/4" Impact Wrench

- DynaPact® clutch for high torque (950 ft. lbs.)
- Through handle exhaust
- Adjustable dead handle for operator control

SPECIFICATIONS

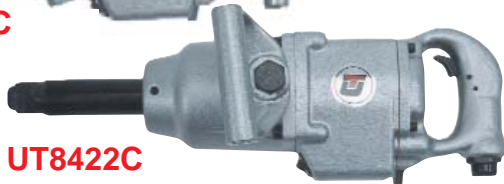
Model No.	Free Speed (RPM)	Drive (in.)	Max. Torque (ft.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T)	Hose Size (in.)	Rec. Air Pressure (PSI)
UT8310R	5,000	3/4	750	10-1/2	10	1/4"	3/8	90
UT8320R	4,500	3/4	750	12-1/2	10	3/8"	1/2	90
UT8340C	5,500	3/4	825	12-1/4	10	3/8"	1/2	90
UT8355C	5,000	3/4	950	14-3/4	10	3/8"	1/2	90

**UT8410C****UT8410C 1" Impact Wrench**

- Steel hammer case
- 3 Piece housing for easy maintenance
- Combination retainer

**UT8413C****UT8413C 1" Impact Wrench**

- DynaPact® clutch with oil bath lubrication
- Through handle exhaust
- 3 Step power regulator

**UT8420C****UT8422C****UT8420C/8422C 1" Impact Wrench**

- 3 Piece housing for easy maintenance
- Dead handle for operator control
- Available with 6" extension for recessed fasteners

**UT8440C/S****UT8440C/8440S 1" Impact Wrench**

- Maximum torque of 1600 ft. lbs.
- Through hole anvil for industrial use
- Available with No. 5 spline drive

SPECIFICATIONS

Model No.	Free Speed (RPM)	Drive (in.)	Max. Torque (ft.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T)	Hose Size (in.)	Rec. Air Pressure (PSI)
UT8410C	5,500	1	825	12-1/3	10	3/8"	1/2	90
UT8413C	5,000	1	950	14-2/3	10-1/4	3/8"	1/2	90
UT8420C	4,000	1	1,200	27	16	1/2"	1/2	90
UT8422C	4,000	1	1,200	30	22	1/2"	1/2	90
UT8440C/S	2,600	1	1,600	20-3/4	14-1/2	1/2"	1/2	90

Ratchet Wrenches

Universal Tool ratchet wrenches are available in 1/4", 3/8" and 1/2" drive sizes with torque capacities from 18 to 95 ft. lbs. Their compact head design provides maximum maneuverability when working in tight areas. Initial loosening and final tightening of fasteners should be done manually with the ratchet used as a hand tool.





Ratchets

1/4
3/8
1/2 Inch



UT8000

UT8000 1/4" Ratchet

- Unique 1/4" drive for use on small fasteners
- Button throttle
- Triple idler gear design for smooth operation



UT8003

UT8003 1/4" Ratchet

- Compact design for access in tight areas
- Lever throttle for variable speed control
- Ball type retainer for quick socket changes



UT8005

UT8005 3/8" Ratchet

- Low profile head design
- Steel ratchet housing and yoke
- Front exhaust



UT8007P

UT8007P 3/8" Ratchet

- Maximum torque of 50 ft. lbs.
- Rear exhaust
- Rubber boot protects work piece
- Comfort grip reduces vibration



UT8010

UT8010 1/2" Ratchet

- Most powerful 1/2" ratchet available (95 ft. lbs.)
- Extended tool length for increased leverage
- Ball and needle bearing construction

SPECIFICATIONS

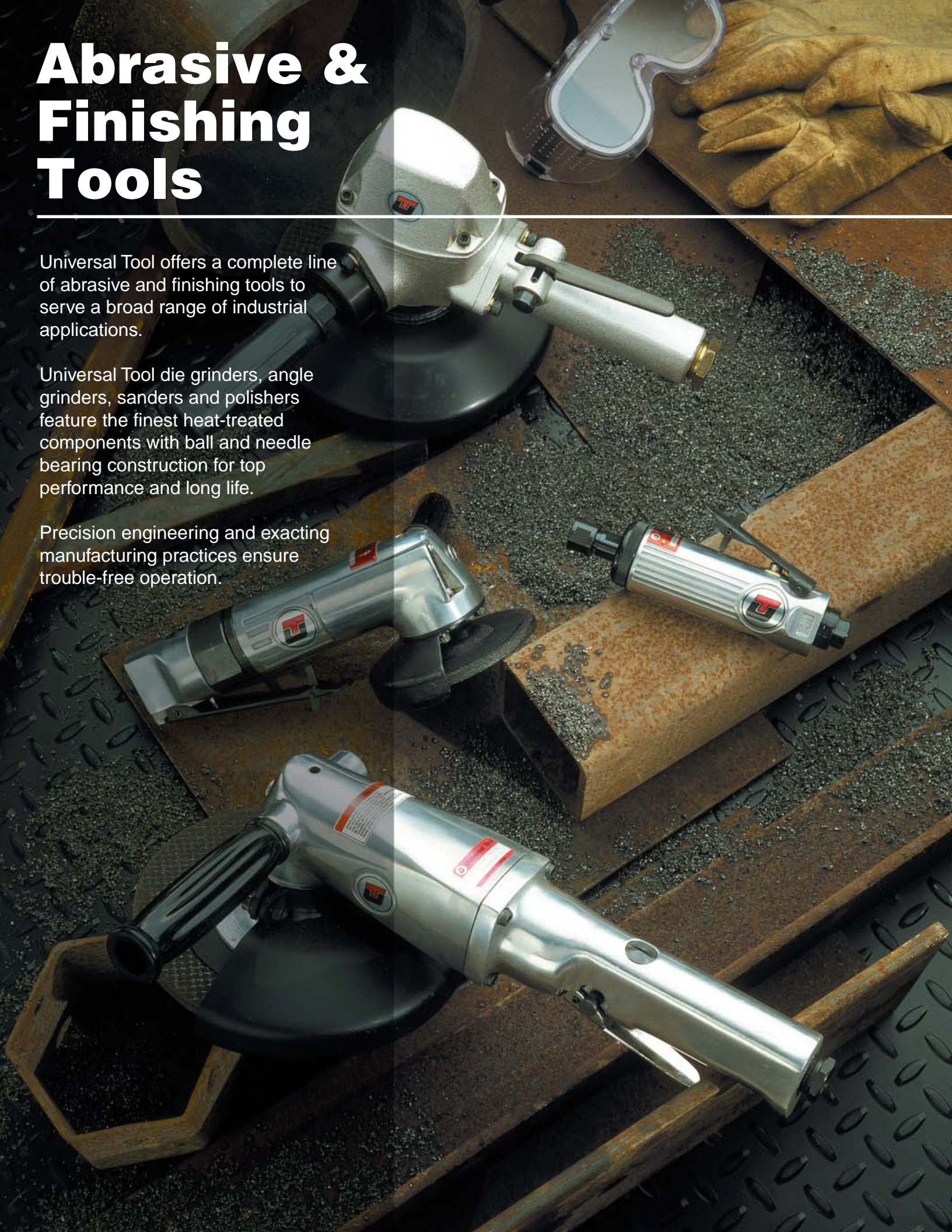
Model No.	Free Speed (RPM)	Drive (in.)	Max. Torque (ft.-lbs.)	Weight (lbs.)	Length (in.)	Head Height (in.)	Diameter (in.)	Rec. Air Pressure (PSI)
UT8000	150	1/4	18	1-1/4	8-3/4	13/16	1-3/8	90
UT8003	150	1/4	18	1-3/16	7-3/4	13/16	1-3/8	90
UT8005	160	3/8	45	2-1/2	10	1-1/8	1-1/2	90
UT8007P	160	3/8	50	2-1/2	10-7/8	1-1/8	1-1/2	90
UT8010	150	1/2	95	4-3/8	14-1/2	1-5/16	1-7/8	90

Abrasive & Finishing Tools

Universal Tool offers a complete line of abrasive and finishing tools to serve a broad range of industrial applications.

Universal Tool die grinders, angle grinders, sanders and polishers feature the finest heat-treated components with ball and needle bearing construction for top performance and long life.

Precision engineering and exacting manufacturing practices ensure trouble-free operation.





Die Grinders



UT8705

UT8706

UT8705 / UT8706 1/8" Pencil Grinder

- Roll throttle for constant speed control
- Small diameter for operator control
- Supplied with inlet hose and exhaust over hose



UT8707

UT8711

UT8707 / UT8711 1/4" Mini Die Grinder

- Compact design for work with limited access
- Lever throttle for variable speed control
- Lightweight aluminum housing



UT8709

UT8709 Mini Grinder

- Designed for die and mold maintenance
- Roll throttle for constant speed control
- Supplied with inlet hose and exhaust over hose
- Uses 1-1/4" depressed center grinding wheel



UT8710

UT8710CG

UT8710 / UT8710CG Die Grinder

- Small diameter for operator comfort
- Rear exhaust
- "CG" style has polyurethane housing cover to reduce vibration

SPECIFICATIONS

Model No.	Spindle Collet Size (in.)	Max. Free Speed RPM	Maximum Horsepower	Weight (lbs.)	Length (in.)	Rec. Hose Size (in.)	Exhaust	Rec. Air Pressure (PSI)
UT8705	1/8	55,000	1/4	1/2	6-3/4	1/4	Rear	90
UT8706	1/8	54,000	1/4	1/2	5-1/4	1/4	Rear	90
UT8707	1/4	20,000	1/3	1	5	3/8	Front	90
UT8711	1/4	25,000	1/3	3/4	4-7/8	3/8	Front	90
UT8709	1/8	25,000	1/4	1/2	4-5/8	1/4	Rear	90
UT8710/CG	1/4	25,000	1/3	3/4	5-1/2	3/8	Rear	90



Die Grinders



UT8715 / UT8715CG Die Grinder

- Angle head design for use in tight areas
- Built-in regulator
- “CG” design has polyurethane housing cover to reduce vibration



UT8720T/ UT8720CG Die Grinder

- 25,000 RPM for fast material removal
- Lock-off lever prevents accidental start
- “CG” design has polyurethane housing cover to reduce vibration



UT8722 / UT8730 Die Grinder

- Impact resistant nylon handle
- 2 Piece collet for low spindle run-out
- Made in U.S.A.



UT8725 Die Grinder

- Powerful 2/3 horsepower motor
- Rear exhaust
- Polyurethane housing cover to reduce vibration
- Made in U.S.A



UT8735 Extended Die Grinder

- Extended length for hard to reach applications
- Pre-loaded shaft bearings
- Built-in power regulator

SPECIFICATIONS

Model No.	Spindle or Collet Size (in.)	Max. Free Speed (RPM)	Maximum Horsepower	Wheel Capacity	Weight (lbs.)	Length (in.)	Rec. Hose Size (in.)	Exhaust	Rec. Air Pressure (PSI)
UT8715/CG	1/4	25,000	1/3	1-1/4	1-1/4	5-1/2	3/8	Rear	90
UT8720/CG	1/4	25,000	1/2	1-1/4	1-1/4	5-3/4	3/8	Rear	90
UT8720T	1/4	25,000	1/2	1-1/4	1-1/4	5-3/4	3/8	Rear	90
UT8722	1/4	12,400	1/3	1-1/4	1-1/2	5-1/2	3/8	Front	90
UT8730	1/4	20,000	1/2	1-1/4	1-1/2	5-1/2	3/8	Front	90
UT8725	1/4	23,000	2/3	1-1/4	1-1/2	6-1/2	3/8	Rear	90
UT8735	1/4	22,000	1/2	1-1/4	2-3/4	13-1/8	3/8	Rear	90



Angle Grinders



UT8740

UT8740 4" Angle Grinder

- Governor control maintains wheel rpm under load
- Lock-off lever throttle for added safety
- Spiral bevel gears for smooth operation



UT8750

UT8750 4-1/2" Angle Grinder

- Designed for users making the switch from electric to air powered tools
- 5/8-11 Spindle for use with threaded or 7/8 bore wheels



UT8757

UT8757 7" Angle Grinder

- Lock-off lever for safety
- Built-in regulator
- Dead handle for increased operator control



UT8763

UT8763 7" Angle Grinder

- 7,000 RPM for fast material removal
- Governor control maintains wheel RPM under load
- Spiral bevel gears for smooth operation

SPECIFICATIONS

Model No.	Spindle/Collet Size (in.)	Max. Free Speed RPM	Maximum Horsepower	Wheel Dia. (in.)	Weight (lbs.)	Length (in.)	Rec. Hose Size (in.)	Air Inlet (N.P.T.)	Rec. Air Pressure (PSI)
UT8740	3/8-24	12,000	3/4	4	4	8	3/8	1/4"	90
UT8750	5/8-11	12,000	3/4	4-1/2	4	8	3/8	1/4"	90
UT8757	5/8-11	4,500	1	7	5-3/4	12-1/2	3/8	1/4"	90
UT8763	5/8-11	7,000	1-1/2	7	7	13-1/2	1/2	3/8"	90



Vertical Grinders



UT8758

UT8758 2 HP Vertical Grinder

- Direct drive motor - no gears
- Governor control prevents over speed
- Muffled exhaust



UT8760

UT8760 3 HP Vertical Grinder

- Available with 7" or 9" guard
- Padded dead handle
- Lock-off lever for safety
- Governor control prevents overspeed



UT8759

UT8759 4 HP Vertical Grinder

- 6" Cup guard available
- Direct drive motor - no gears
- Governor control maintains wheel RPM under load

SPECIFICATIONS

Model No.	Spindle/Collet Size (in.)	Max. Free Speed RPM	Maximum Horsepower	Wheel Dia. (in.)	Weight (lbs.)	Height (in.)	Rec. Hose Size (in.)	Air Inlet (N.P.T.)	Rec. Air Pressure (PSI)
UT8758	5/8-11	6,000	2	7	9	9-3/4	1/2	3/8"	90
UT8760	5/8-11	6,000	3	7 or 9	11-1/2	10-3/4	1/2	3/8"	90
UT8759	5/8-11	6,000	4	9	13	11	3/4	1/2"	90



Sanders



UT8702/03/04

UT8702/3/4 Belt Sanders

- Sanding head rotates 180° and locks into position
- Variable speed throttle control
- Integral belt tracking adjustment



UT8771

UT8771 High Speed Sander

- Powerful 1/2 HP motor
- Supplied with 3", 4-1/2" and 5-1/2" backing plates
- Lightweight aluminum housing



UT8772

UT8772 High Speed Sander

- Impact resistant nylon handle
- Includes 3", 4-1/2" and 5-1/2" backing plates
- Made in U.S.A.

SPECIFICATIONS

Model No.	Belt Size (in.)	Belt Width		Free Speed (RPM)	Weight (lbs.)	Length (lbs.)	Width (in.)	Rec. Air Pressure (PSI)
		(in.)	(mm)					
UT8702	3/8 x 13	3/8	10	16,000	1-3/4	11	3-1/4	90
UT8703	3/4 x 20-1/2	3/4	20	16,000	3	14-1/2	4	90
UT8704	13/16 x 21-1/4	13/16	30	12,000	5	19-1/2	4	90

Model No.	Spindle or Collet Size (in.)	Free Speed RPM	Maximum Horsepower	Capacity Diameter (in.)	Weight (lbs.)	Length (in.)	Rec. Hose Size (in.)	Air Inlet (N.P.T.)	Rec. Air Pressure (PSI)
UT8771	7/16-20	18,000	1/2	6	2-1/2	6-1/2	3/8	1/4"	90
UT8772	7/16-20	20,000	1/2	6	1-3/4	7-3/4	3/8	1/4"	90



Sanders/Polishers



UT8774

UT8774 6" Palm Sander

- 6" Pad for PSA disc/paper
- Built-in regulator for positive speed control
- Rear exhaust



UT8789

UT8789 6" Dual Action Sander

- Dual action produces swirl free non-repeating surface pattern
- Built-in regulator for positive speed control
- Textured grip handle for operator comfort



UT8792

UT8792 Jitterbug Sander

- 3/16" Orbit for extra fine finishes
- Steel end plates for long life
- Positive locking clamps securely hold abrasive paper



UT8746

UT8746 7" Vertical Sander

- Heavy-duty planetary gearing
- Through handle exhaust
- Powerful 1 HP motor

SPECIFICATIONS

Model No.	Spindle Size (in.)	Free Speed (RPM)	Maximum Horsepower	Pad Size	Weight (lbs.)	Length (in.)	Rec. Hose Size (in.)	Air Inlet (N.P.T.)	Rec. Air Pressure (PSI)
UT8774	N.A.	7,000	1/2	6	3-1/2	7-1/2	3/8	1/4"	90
UT8789	5/16-24	10,000	1/2	6	4	8-1/2	3/8	1/4"	90
UT8792	N.A.	6,500	1/2	3-3/8 x 6-3/4	4-1/2	6-3/4	3/8	1/4"	90
UT8746	5/8-11	6,000	1	7	5-1/4	8	3/8	1/4"	90



UT8756

UT8756 7" Angle Sander

- Spiral bevel gears for smooth operation
- Dead handle can be mounted for right or left hand use
- Built-in regulator for positive speed control



UT8765

UT8765 5" Angle Sander

- Rear exhaust directs air away from work surface
- Compact design weighs only 3.5 lbs.
- Powerful 1 HP motor



UT8797

UT8797 Angle Polisher

- Spiral bevel gears for smooth operation
- Dead handle can be mounted for right or left hand use
- 100% Wool polishing bonnet



UT8799

UT8799 Vertical Polisher

- Powerful 1 HP motor
- Through handle exhaust
- 100% Wool polishing bonnet

SPECIFICATIONS

Model No.	Spindle or Collet Size (in.)	Free Speed (RPM)	Maximum Horsepower	Capacity Diameter (in.)	Weight (lbs.)	Length (in.)	Rec. Hose Size (in.)	Air Inlet (N.P.T.)	Rec. Air Pressure (PSI)
UT8756	5/8-11	4,500	1	7	4-3/4	12-1/2	3/8	1/4"	90
UT8765	5/8-11	7,000	1	5	3-1/2	9-5/8	3/8	1/4"	90

Model No.	Spindle Size (in.)	Free Speed (RPM)	Maximum Horsepower	Wheel Diameter (in.)	Weight (lbs.)	Length (in.)	Rec. Hose Size (in.)	Air Inlet (N.P.T.)	Rec. Air Pressure (PSI)
UT8797	5/8-11	2,400	1	8 (Bonnet)	5-1/8	12-1/2	3/8	1/4"	90
UT8799	5/8-11	2,500	1	8 (Bonnet)	5-1/4	8	3/8	1/4"	90

Cutting Tools

Universal Tool supplies a broad selection of industrial cutting tools, including reciprocating saws, abrasive wheel cut-off tools, and air files designed to serve a variety of applications.

Universal Tool engineers these tools to deliver top performance and long service life, cutting a variety of different materials.

From aluminum to composite, non-ferrous metals, fiberglass, wood, cast iron and stainless steel, Universal Tool cutting tools meet or exceed the needs of industry for fast, efficient operation and durability.





Reciprocating Saws



UT8999



UT8999T

UT8999/UT8999T Air Saw

- Adjustable guard for depth of cut precision
- Lightweight, just over 1 pound
- Lock-off lever throttle for safety
- Built-in regulator for positive speed control



UT9930 Air Saw

- Patented recoilless design
- Low vibration (2m/s²) with high stroke frequency increases production and reduces operator fatigue
- Handle rotates 360°
- Lock-off lever throttle prevents accidental starts

UT9930



UT9950

- Ergonomic rubber grip reduces vibration and provides operator comfort
- Built-in regulator

UT9950

SPECIFICATIONS

Model	Speed	Cutting Depth (in.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT8999/T	9,000 SPM	3/8	1-3/8	9-1/4	1/4"	3/8	90
UT9930	9,900 SPM	1/4	2-1/4	8-1/4	1/4"	3/8	90
UT9950	5,000 SPM	3/8	1-3/4	9-3/8	1/4"	3/8	90



Cut-Off Tools



UT8726

UT8726

- Cuts bolts, sheet metal and up to 3/4" steel rod
- Powerful 2/3 horsepower motor
- Polyurethane housing cover reduces vibration to the operator
- Clear polycarbonate guard provides unobstructed view
- Made in U.S.A



UT8731

UT8731

- Impact resistant nylon handle
- Clear polycarbonate guard for unobstructed view
- Cuts sheet metal, clamps, hangers, bolts and up to 3/4" steel rod
- Made in U.S.A

SPECIFICATIONS

Model	Speed	Cutting Depth (in.)	Weight (lbs.)	Length (in.)	Wheel Size (in.)	Rec. Air Pressure (PSI)
UT8726	23,000 RPM	3/4	1-2/3	6-3/4	2-7/8 x 1/16 x 3/8	90
UT8731	20,000 RPM	3/4	1-3/4	7	2-7/8 x 1/16 x 3/8	90



Air Files



UT8862

UT8862 Air File

- 1/4" Stroke for fast metal removal
- Excellent for use in confined areas
- Accepts standard 1/4" shank files
- For use in foundries, mold/die maintenance and die casting



UT9940

UT9940 Air File

- Patented recoilless design provides only 2m/s² vibration
- 360° rotating throttle locks into any desired position
- Accepts 5/32 to 1/4" round shank files
- Low vibration for precise work

SPECIFICATIONS

Model No.	Speed	Stroke Length or Cutting Depth	Weight (in.)	Length (in.)	Air Inlet (N.P.T)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT8662	3,700 SPM	1/4	2-1/4	7	1/4	3/8	90
UT9940	9,000 SPM	1/4	2-1/4	7-1/4	1/4	3/8	90

Drills

Universal Tool offers a wide selection of air-powered drills to serve practically every job in construction, manufacturing and maintenance.

Designs include pistol grip, straight handle, "D" handle, right angle and screw feed. Universal Tool offers drills with chuck sizes from 1/4" to #2 Morse Taper.





Drills

3/8 Inch



UT8830

UT8830 3/8" Heavy Duty Drill

- Quiet through handle exhaust
- Powerful 1/2 HP motor
- Over 2 ft/lbs of stall torque



UT8833R

UT8833R 3/8" Reversible Drill

- Trigger mounted reverse valve operates easily with either hand
- Triple planetary gears for smooth operation
- Through handle exhaust



UT8836R

UT8836R 3/8" Reversible Drill

- Contoured polyurethane grip provides increased comfort
- Jacobs® Keyless chuck
- Trigger mounted reverse valve



UT8838

UT8838 3/8" Drill

- High power-to-weight ratio
- Variable speed throttle control
- Jacobs® multi-craft chuck

SPECIFICATIONS

Model No.	Spindle Size (in.)	Free Speed (RPM)	Maximum Horsepower	Chuck Cap. (in.)	Torque (in.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT8830	3/8-24	2,200	1/2	3/8	84	2	6	1/4"	3/8	90
UT8833R	3/8-24	1,800	1/2	3/8	72	2-5/8	7	1/4"	3/8	90
UT8836R	3/8-24	2,200	1/2	3/8	72	2-5/8	7	1/4"	3/8	90
UT8838	3/8-24	2,600	1/2	3/8	60	2	6	1/4"	3/8	90



Production Drills



UT8891

UT8893

UT8891 1/4" UT8893 3/8"

- High/low grip design
- Through handle muffled exhaust
- Modular tip valve throttle for variable speed control
- Jacobs® aircraft quality chuck
- Made in USA

Angle Drills



UT8839

UT8839 3/8" Angle Drill

- Compact side-to-center and head dimensions provide increased access
- Muffled rear exhaust
- Machined bevel gears for long life
- Also available with 1/2" chuck



UT8860R

UT8860R 3/8" Reversible Angle Drill

- Angle head design provides access in hard-to-reach applications
- Spiral bevel gears for smooth operation
- Rear exhaust reduces chip blow back

SPECIFICATIONS

Model No.	Spindle Size (in.)	Free Speed (RPM)	Maximum Horsepower	Chuck Cap. (in.)	Torque (in.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT8891	3/8-24	6,000	2/3	1/4	25	2-1/2	8-1/4	1/4"	3/8	90
UT8893	3/8-24	3,200	2/3	3/8	49	2-1/2	8-1/4	1/4"	3/8	90
UT8839	1/2-20	1,200	1	3/8 (or 1/2)	103	5	14-3/4	1/4"	3/8	90
UT8860R	3/8-24	1,800	1/2	3/8	36	2-1/2	7	1/4"	3/8	90

1/2 Drills



UT8840R

UT8840R 1/2" Reversible Drill

- Thumb operated forward/reverse for quick direction changes
- Double reduction gears for high torque output
- Dead handle for added control



UT8850

UT8850 1/2" Heavy Duty Drill

- Powerful .75 HP motor
- Double reduction gears for high torque output
- Muffled through handle exhaust



UT8843

UT8843 1/2" "D" Handle Drill

- Designed for high torque production or maintenance applications
- Unique "D" handle design
- Sand cast housing for added strength and durability

Screw Feed Drills



UT8886R/UT8888R

UT8886R and UT8888R Screw Feed Drill

- Feed screw allows operator to work with less fatigue
- Self-return roll throttle
- Sand cast aluminum housing for strength and durability
- 2-5/8" Feed length

SPECIFICATIONS

Model No.	Spindle Size (in.)	Free Speed (RPM)	Maximum Horsepower	Chuck Cap. (in.)	Torque (in.-lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT8840R	3/8-24	800	3/4	1/2	120	3-1/4	8-1/2	1/4"	3/8	90
UT8850	3/8	500	3/4	1/2	144	3-1/2	9	1/4"	3/8	90
UT8843	1/2	1,200	1	1/2	190	8-7/8	12-1/2	3/8"	1/2	90
				Morse Taper	(ft. lbs.)					
UT8886R	3/4	600	2	#2	47	15-1/2	11-1/8	1/2"	1/2	90
UT8888R	7/8	480	2-1/2	#2	58	16	11-1/8	1/2"	1/2	90

Screwdrivers

Universal Tool screwdrivers meet the needs of a wide range of assembly and manufacturing applications. All Universal Tool screwdrivers feature 1/4" hex quick change retainers and are fully reversible. These tools are available in both straight handle (vertical applications) and pistol grip (horizontal applications) designs.

UT screwdrivers offer three different clutch designs:

- Direct drive clutch has a direct connection between motor and bit that stalls at completion of fastening.

Applications: Wood screws, locknuts, hard slam, soft pull up

- Positive rolling impulse clutch joins the motor and bit through one clutch, separated by a light spring. The bit remains stationary for locating purposes, until operator pressure engages the jaw mechanism.

Applications: Wood screws, sheet metal, self-tapping, lock-nuts

- Adjustable ball clutch employs two clutches with light/heavy springs to combine the convenience of stationary bit locating with precise torque control.

Applications: Sheet metal, locknuts, hard slam, wood screws and soft pull up





Screwdrivers



UT8930A



UT8932

UT8930A/8932 Direct Drive Clutch

- Variable speed throttle control
- Through handle exhaust
- Triple planetary gears for smooth power transfer and long service life



UT8935



UT8940

UT8935/8940 Positive Rolling Impulse Clutch

- High rpm's for fast run down
- Through handle exhaust
- Rolling impulse clutch provides smooth rolling action on seated fasteners



UT8950/8955

UT8950/8955 Adjustable Ball Clutch

- Externally adjustable clutch
- Push button reverse
- Lifting bail for tool balancer
- Muffled rear exhaust



UT8960/8964

UT8960/8964 Adjustable Ball Clutch

- Externally adjustable clutch
- Through handle exhaust
- Thumb operated forward/reverse

SPECIFICATIONS

Model No.	Clutch	Drive (in.)	Torque (in.-lbs.)	RPM	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT8930	Direct Drive	1/4-QC	50	1,800	2-1/2	7-5/8	1/4"	3/8	90
UT8932	Direct Drive	1/4-QC	75	800	2-3/4	8-1/2	1/4"	3/8	90
UT8935	Pos. Rolling Im.	1/4-QC	50	1,800	3-1/4	7-1/2	1/4"	3/8	90
UT8940	Pos. Rolling Im.	1/4-QC	30	3,400	3	7-1/2	1/4"	3/8	90
UT8950	Adjustable Ball	1/4-QC	75	800	3	11-1/4	1/4"	3/8	90
UT8955	Adjustable Ball	1/4-QC	50	1,800	3	10-1/2	1/4"	3/8	90
UT8960	Adjustable Ball	1/4-QC	75	800	3	8	1/4"	3/8	90
UT8964	Adjustable Ball	1/4-QC	50	1,800	3-1/4	8	1/4"	3/8	90

Percussion Tools

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 scalars that provide users with ergonomic benefits unsurpassed in the air tool industry.





Air Hammers/Scalers



UT8610B



UT8620B

UT8610B/8620B Air Hammer

- Heat-treated barrel and piston for long life
- Teasing throttle
- Quick-change retainer



UT8645



UT8646

UT8645/8646 Air Hammer

- Impact resistant nylon handle
- Quick-change retainer
- Made in U.S.A.



UT8602

UT8602 Scaler

- Tungsten carbide piston for durability
- Roll throttle for operator ease
- Single head design allows access to restricted work

SPECIFICATIONS

Model No.	Stroke (in.)	Blows per minute	Shank Size	Weight (lbs.)	Length (in.)	Length (in.)	Width (in.)	Rec. Air Pressure (PSI)
UT8610B	2-5/8	3,000	.401	3-1/4	6-3/4	7	1-1/2	90
UT8620B	3-1/2	2,000	.401	4-1/2	8-3/4	8-1/2	1-5/8	90
UT8645	2-5/8	2,600	.401	3	6	7-1/2	1-5/8	90
UT8646	2-1/2	3,700	.401	2-1/2	6	6-1/4	1-5/8	90

Model No.	Stroke (in.)	Blows per minute	Piston/Shank Type	Weight (lbs.)	Length (in.)	Width (in.)	Rec. Air Pressure (PSI)
UT8602	1-3/8	5,000	1 Short Steel	5-1/4	22-1/8	1-7/8	90



Scalers



UT8603

UT8603 Scaler

- Replaceable tungsten carbide piston heads
- Padded handle grips for operator comfort
- Ergonomic contoured handle design



UT8630

UT8630 Scaler

- Accepts popular 1/2" square B1 shank chisels
- All steel construction
- Front exhaust



UT8650

UT8650 Scaler

- Valveless design reduces maintenance costs
- Quick-change type chisel retainer
- All steel construction



UT9922

UT9922 Recoilless Scaler

- Only 2m/s² vibration
- All steel construction
- 3 Sizes of carbide insert chisel

SPECIFICATIONS

Model No.	Stroke (in.)	Blows per minute	Piston/Shank Type	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T)	Rec Hose Size (in.)	Rec. Air Pressure (PSI)
UT8603	7/8	3,000	3 Short Steel	9	19-1/2	1/4"	3/8	90
UT8630	1-1/8	4,600	1/2" Square	3-1/2	10-1/4	1/4"	3/8	90
UT8650	1/2	12,000	1/2" Octagonal	2	6-7/8	1/4"	3/8	90
UT9922	1/4	9,000	3/8" square	3-1/4	8-1/4	1/4"	3/8	90



Needle Scalers



UT8690 Gasket Scraper

- 2-1/2" x 1" Carbon steel blade with 45° angle
- Supplied with an air regulator
- Removes gaskets, under coatings and other materials from machinery and flanges

UT8690



UT8635 Needle Scaler

- J-Slot adjustment for additional needle exposure
- All steel construction
- Converts to B1 style chisel scaler

UT8635



UT8638



UT8638S

UT8638/UT8638S Needle Scaler

- Excellent for use on irregular or uneven surfaces
- Impact resistant nylon handle
- Made in U.S.A.
- 60 PSI maximum

SPECIFICATIONS

Model No.	Stroke (in.)	Blows per minute	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT8690	2-1/4	4,800	1-1/2	9-3/4	1/4"	3/8	90
UT8635	1-1/8	4,600	6	15	1/4"	3/8	90
UT8638/S	2-1/2	3,700	5	16	1/4"	3/8	60



Needle Scalers



UT9912 Recoilless Needle Scaler

- Only 3m/s² vibration
- All steel construction
- Low air consumption

UT9912



UT9914/9914-2 Recoilless Needle Scaler

- Low vibration 3.5m/s²
- High blow frequency for increased production
- 1/8" or 2mm needle holder

UT9914-2



UT9916/9916-2 Recoilless Needle Scaler

- Low vibration 3.5 m/s²
- Low air consumption
- 1/8" or 2mm needle holder

UT9916-2

SPECIFICATIONS

Model No.	No. of Needle Size	Blows per minute	Weight (lbs.)	Length (in.)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)
UT9912	(18) 1/8" x 7"	9,000	4-1/4	12-1/4	1/4"	3/8	90
UT9914	(19) 1/8" x 7"	3,400	5-3/4	11-7/8	1/4"	3/8	90
UT9914-2	(38) 2mm x 7"	3,400	5-3/4	11-7/8	1/4"	3/8	90
UT9916	(28) 1/8" x 7"	3,400	6-1/2	11-7/8	1/4"	3/8	90
UT9916-2	(58) 2mm x 7"	3,400	6-1/2	11-7/8	1/4"	3/8	90



Chipping Hammers



UT8642/3/4 Chipping Hammer

- Alloy steel piston and barrel for extended life
- Forged handle for durability
- Round or hex models available

UT8642/3/4



UT8651/2/3/4 Chipping Hammer

- Four bolt back head design
- 1", 2", 3" and 4" round or hex models available
- Adjustable exhaust deflector
- 3/8"-24 or 7/8"-24 inlet bushing
- Made in U.S.A.

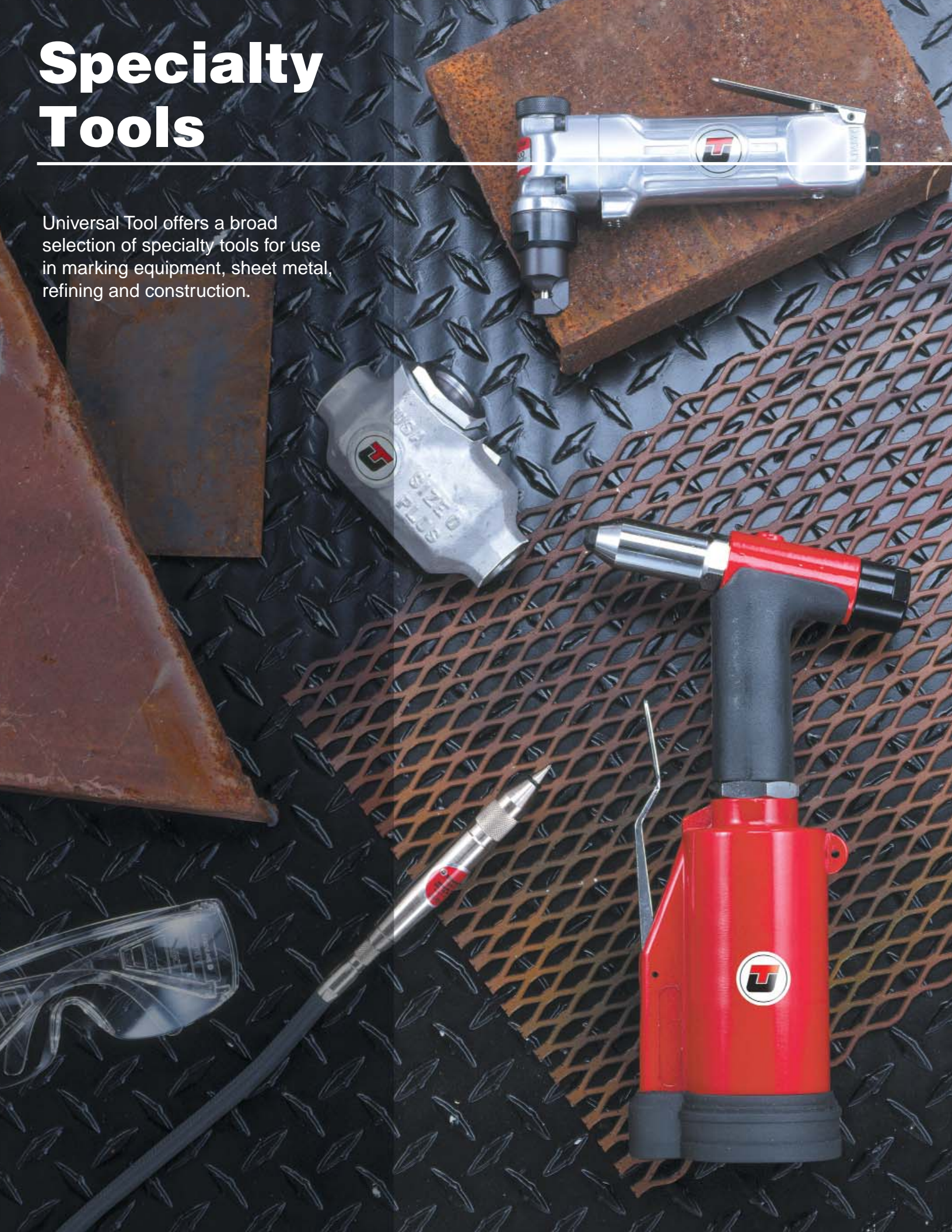
UT8651/2/3/4

SPECIFICATIONS

Model No.	Stroke (in.)	Blows per minute	Shank Size		Weight (in.)	Length (in.)	Rec. Air Pressure (PSI)
			Round	Hex			
UT8642R/H	2	2,150	.680	.580	15-3/4	15-1/2	90
UT8643R/H	3	1,900	.680	.580	16-1/2	16-1/2	90
UT8644R/H	4	1,500	.680	.580	18-1/4	18-1/2	90
UT8651R/H	1	2,450	.680	.580	16	12	90
UT8652R/H	2	2,300	.680	.580	18	14	90
UT8653R/H	3	2,100	.680	.580	19	15-1/4	90
UT8654R/H	4	1,700	.680	.580	20	16-1/2	90

Specialty Tools

Universal Tool offers a broad selection of specialty tools for use in marking equipment, sheet metal, refining and construction.





Marking Pens



UT8615 Marking Pen

- Lightweight polymer housing
- Variable speed roll throttle
- Supplied with carbide stylus to mark steel, glass, ceramic and plastic

UT8615



UT8616 Marking Pen

- Small diameter for operator comfort
- All steel construction for durability
- Supplied with carbide stylus to mark steel, glass, ceramic and plastic

UT8616



UT9935 Recoilless Marking Pen

- Patented recoilless design provides only 1m/s² vibration
- Lubrication free with roll throttle
- Low vibration for precise work
- Carbide stylus to mark the hardest materials

UT9935

SPECIFICATIONS

Model No.	Strokes/Minute	Weight (lbs.)	Length (in.)	Rec. Air Pressure (PSI)	Air Inlet (N.P.T.)	Rec. Hose Size (in.)
UT8615	9,000	1/4	5-1/2	60-90	1/4"	1/4
UT8616	9,000	1/4	6-1/4	60-90	1/4"	1/4
UT9935	21,000	1/4	5-1/2	60-90	1/4"	1/4



Riveter/Nibbler



UT8910

UT8910 Riveter

- Develops 2,000 lbs. of pull to set 1/8", 5/32" and 3/16" diameter aluminum rivets
- Padded grip for comfort
- 360° Swivel inlet prevents hose binding
- Supplied with 3 nosepieces, extra set of jaws and 2 wrenches



UT8920

UT8920 Riveter

- Develops 3,200 lbs. of pull to set 3/16" and 1/4" aluminum rivets
- 360° swivel inlet prevents hose binding
- Rubber base cap protects housing
- Supplied with 2 nosepieces, extra set of jaws and 2 wrenches



UT8600

UT8600 Nibbler

- Cuts through 16 gauge mild steel without deforming or burring metal
- 4.5 mm Adjustable die guide and punch to cut forward, backward, right or left
- Includes spare punch

SPECIFICATIONS

Model No.	Strokes/Minute	Horsepower	Weight (in.)	Length (in.)	Capacity	Rec. Air Pressure (PSI)
UT8910*	2,000**	—	3-1/2	12-1/4	1/8, 5/32, 3/16	90
UT8920*	3,200**	—	5	11-3/4	3/16, 1/4	90
UT8600	2,600	.6	2-1/4	7	16 gauge steel	90

* For aluminum rivets only ** Pulling force



Air Movers/In-Line Oilers



UT9240 UT9230 UT9220 UT9210

UT9210/20/30/40 Air Mover

Universal Tool air movers, disperse fumes, introduce air into confined spaces and cool working areas or machinery. Used in refineries, chemical plants, utilities, fabrication shops, shipyards and other industrial applications.

- Rugged construction
- Cap screw with locking nut used for fastening - no blind rivets
- Easily replaced parts for field maintenance

SPECIFICATIONS

Model No.	Top Cone Dia. (in.)	Base Dia. (in.)	Weight (lbs.)	Length (in.)	Bolt Circle Dia. (in.)	Base Slot Dia. (in.)	Air Flow (CFM)	Air Cons. (SCFM)	Induction Ratio	Air Inlet (N.P.T)
UT9210	6	7-1/3	5-1/2	16-1/2	6-1/2	.4	1400	64	21.9	1/2"
UT9220	8	7-1/3	8-1/2	32-1/2	6-1/2	.4	1540	63	24.4	1/2"
UT9230	12	11-1/4	19	44-1/2	10-1/2	.4	4020	132	30.0	1"
UT9240	14	14-3/8	28-1/2	46	13-1/2	.5	6260	235	26.6	1"

Air Flow and Consumption based on 80 PSI air pressure. Maximum air pressure 150 PSI.



UT9310/20/30/40



UTA85830

UT9310/20/30/40 In-Line Oiler

Universal Tool's in-line oilers will keep your air tools lubricated continuously for longer life and better performance. UT oilers provide 20% more capacity than other models and a 300% larger sight glass, so you can easily see how much oil is in the reservoir.

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.

SPECIFICATIONS

Model No.	Number	Pipe Size NPT (in.)	Weight (lbs.)	Length x Width x Height (in.)	Oil Capacity (oz.)	Air Capacity (SCFM)
UTA85830	—	1/4	.10	2-1/2 x 1-1/8 x 1-1/8	.2	40
UT9310	0+	1/2	1	4-1/2 x 2-3/8 x 2-13/16	2.6	100
UT9320	1+	3/4	1-1/2	6 x 2-7/8 x 3-3/8	5.3	175
UT9330	2+	3/4	2	7 x 3-3/8 x 3-11/16	11	175
UT9340	3+	1	4-1/4	10 x 3-7/8 x 4-3/16	16	350

Air Capacity based on 100 PSI air pressure and single tool application.



Accessories



85615



85618

Mounted Wheel

UTA85615 3/4" Cone (set of 10)

UTA85618 1" Cylinder (set of 10)



85900



85903



85908

UTA85900 1/4" Collet

UTA85903 Collet Nut

UTA85908 1/8" Collet Insert



84028

UTA84028 4" Type 27 Wheel



Sanding Belts

UTA801060 60 GRIT for UT8702 – 50/Pack

UTA801080 80 GRIT for UT8702 – 50/Pack

UTA801120 120 GRIT for UT8702 – 50/Pack

UTA802060 60 GRIT for UT8703 – 50/Pack

UTA802080 80 GRIT for UT8703 – 50/Pack

UTA802120 120 GRIT for UT8703 – 50/Pack

UTA803060 60 GRIT for UT8704 – 50/Pack

UTA803080 80 GRIT for UT8704 – 50/Pack

UTA803120 120 GRIT for UT8704 – 50/Pack



81245



81246



86054



8731184

UTA81245 5" foam-backed dual-action pad

UTA81246 6" foam-backed dual-action pad

UTA86054 7" back-up pad

UTA8731184 7" rubber back-up pad



9729583

Chipping Hammer Retainer

9729583 Retainer

For use with Universal Tool Chipping Hammers
9729584 Spring for Retainer (not shown)



83309



83310



85120



85210

Utility Hammer Accessories

UTA83309 Positive Quick-Change Safety Lock

UTA83310 One-Piece Safety Retainer

UTA85120 Quick-Change Retainer Spring

UTA85210 Beehive Retainer Spring



84004



84006



84007



84008



84009



85960

Chucks and Keys

For Drills with 3/8"-24 Threaded Spindle

UTA84004 Jacobs®, Multi-Craft®, Chuck

1/16" to 3/8" capacity. Uses A84014 key

UTA84006 Jacobs®, Best 31B Bearing Chuck

1/16" to 3/8" capacity. Uses A84016 key

UTA84007 Jacobs®, Heavy Duty Chuck

5/64" to 1/2" capacity. Uses A84017 key

UTA84008 Jacobs®, Best 33B Bearing Chuck

5/64" to 1/2" capacity. Uses A84018 key

UTA84009 Jacobs®, Industrial Chuck (not shown)

Uses A84019 key

UTA85960 3/8" Keyless Jacobs® Chuck



85650

Saw Blades

For use with reciprocating saws

UTA85650 10 assorted H.S.S. Blades

UTA85651 10-pack 18 TPI Scroll Blades

UTA85652 10-pack 24 TPI Scroll Blades

UTA85653 10-pack 32 TPI Scroll Blades

UTA85654 10-pack 18 All-Purpose Blades

UTA85655 10-pack 32 All-Purpose Blades

UTA85656 3-pack TPI Bi-Metal Blades



Accessories



.401 Shank Chisels

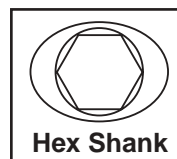
UTA88908 Panel Cutter with two cutting edges
UTA88909 Forked Chisel 7"
UTA88910 Flat Chisel 7"
UTA88910-11 Flat Chisel 11"
UTA88911 Tapered Punch
UTA88912 Rivet Cutter
UTA88913 Blank Chisel
UTA88916 #6 Piercing Punch
UTA88917 #7 Piercing Punch
UTA88918 #8 Piercing Punch



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
UTA88313 Moil Point
UTA88321 Tooth Chisel
UTA88325 Flat Chisel, 1-1/2" wide
UTA88337 Gouge Chisel



Scaler Chisels

For use with UT8630 Series, CLECO, ROTO, ARO, and CP9536 Scalers.

UTA88390 2 1/2" 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.
UTA88399 7" Needles (Set of 19)
For use with UT8632/8633/8635/8639/86409 7" Scalers.
109020 Set of 19 Needles 1/8" x7"
109020-28 Set of 28 Needles 1/8" x7"
109170 Set of 38 Needles 2mm x7"
109170-58 Set of 58 Needles 2mm x7"





Carbide Insert Chisels for UT9922

UTA5340 3/8" Blade

*UTA5350 3/4" Blade

UTA5360 1 1/2" Blade

*1 pc supplied with UT9922



82060/82070

Cut-Off Wheels

UTA82060 Six Standard-Duty Cut-Off Wheels

UTA82070 Six Premium Cut-Off Wheels



91100

91101

91102

91103

91200

Air Files

For use with Universal Tool Air Files

UTA91100 Flat Mill Cut, 3-pack

UTA91101 Round Single Cut, 3-pack

UTA91102 Triangle Single Cut, 3-pack

UTA91103 Flat Bastard Cut, 3-pack

UTA91200 Set of 4 assorted files



UTA85800



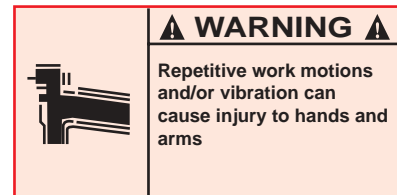
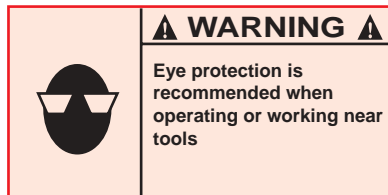
UTA85804

Marvel® Air-Tool Oil

UTA85800 32 Fluid Ounces

UTA85804 4 Fluid Ounces

SAFETY RECOMMENDATIONS



SAFETY INSTRUCTIONS

The following instructions are furnished as general guidelines for the use of your pneumatic tool. They cannot comprehensively cover all possible or conceivable uses of the subject tool. For additional information on the safe use of air tools, we advise you to obtain a copy of ANSI B186.1 Safety Code for Portable Air tools, available from the American National Standards Institute, Inc., 11 West 42nd, Street, New York, 10036. The use of the word "shall" in the following instructions indicates that adherence to the particular requirement is necessary to conform to ANSI B186.1.

ALWAYS WEAR EYE PROTECTION

Eye protection shall be worn at all times while operating power tools, and in areas where power tools are being operated. Impact resistant eye protection should meet or exceed the standards as set forth in ANSI Z87.1 Occupational and Education Eye and Face Protection. Look for marking Z87.1 on your eye protection to ensure that it is an approved style. For further information, ANSI Z87.1 Occupational and Education Eye and Face Protection is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, 10036.

HEARING PROTECTION IS RECOMMENDED

Hearing protection should be worn when noise level exposure equals or exceeds the limits of applicable Federal, State or local statutes, ordinances and/or regulations. Process noise, reflective surfaces, other tools being operated nearby, all add to the noise level in a given work area. In most cases, specialized equipment is necessary to measure the actual noise level present in your work area. If you are unable to determine your noise level exposure, we recommend the use of hearing protection. Statutes, ordinances and regulations are based on criteria designed to minimize the risk of permanent hearing impairment from exposure to excessive levels of noise. Employers shall identify high-risk noise areas and processes where hearing protection shall be worn.

AVOID EXPOSURE TO VIBRATION AND REPETITIVE WORK MOTION

Pneumatic tools can vibrate during use. Prolonged exposure to vibration, or very repetitive hand and arm movements, can cause injury to the hands and arms. Discontinue the use of any tool if you experience tingling, numbness, discomfort, or pain in your hands and arms. You should consult your physician before resuming use of the tool. Employees and operators shall be instructed to:

1. Use a minimum hand grip force consistent with proper control and safe operations.
2. Keep wrists as straight as possible.
3. Avoid repetitive movements of the hands and wrists.
4. Keep body and hands warm and dry.
5. Avoid anything that inhibits blood circulation such as tobacco, cold temperatures, and certain drugs.
6. Avoid continuous vibration exposure by using rest intervals free from vibration.



Impact Wrenches

Roller Clutch Impact Mechanism

One-Touch Forward/Reverse Switch

Large 6 Blade Motor Operates at 8,000 RPM

Feather Touch Trigger

The Right Stuff (What drives Universal Tool Impacts)

DynaPact® Pin Clutch Impact Mechanism

Design provides a hard hitting, smooth hammer operation. Twin hammer pins deliver 180 blows simultaneously. Hammer cam unit ensures an even flow power output while regulating the hammer blows

- High power-to-weight ratio
- Heat treated components provide extended tool life
- Found in Universal Tool, Models 8070, 8075, 8140P, 8150P, 8355C and 8413C

Roller Clutch Impacting Mechanism

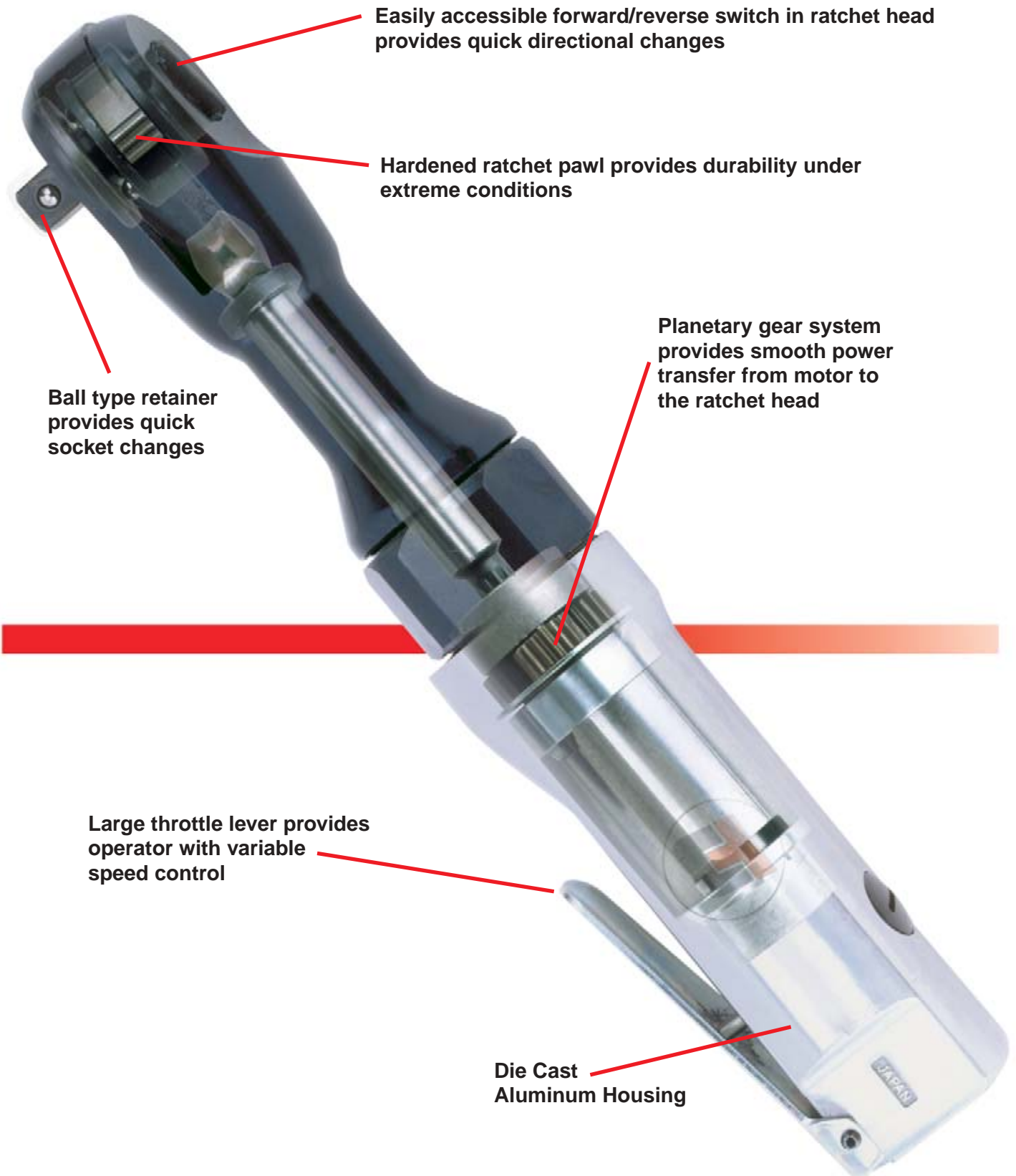
A simple impact mechanism which has proven itself throughout the years. This highly efficient roller clutch design produces 1,300 impact blows per minute.

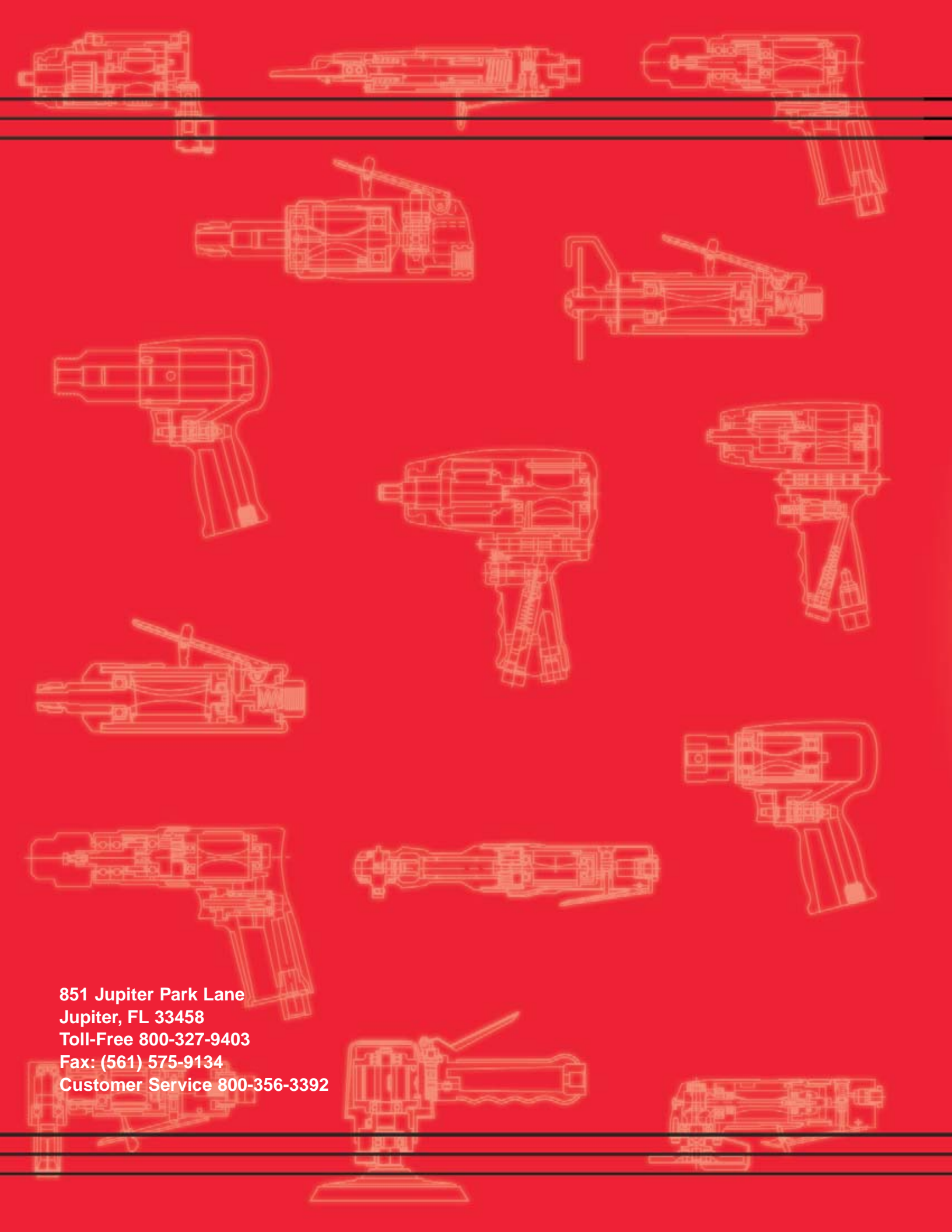
- Rollers work on an in-and-out motion
- Heat treated components provide extended tool life
- Found in Universal Tool, Models 8110R, 8130R, 8310R, 8320R, 8340C and 8410C

External 4 Position Power Regulator



Ratchets





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