Miscellaneous Tools

A

B

C

D

E

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F

Air Inlet: 1/4" BSP/NPT. D170 Vibration level: 8.7 m/s². CP9361 Vibration level: <2.7 m/s². Others Vibration level: <2.5 m/s².

PICTURE REF	MODEL	PART NUMBER	OSCILLATING FREQUENCY	FREE SPEED	WEIGHT		LENGTH		AIR FLOW		MIN HOSE BORE		SOUND LEVEL
				r/min	lb	kg	in.	mm	cfm	l/s	in.	mm	dB(A)
FIBREGLASS SAW – CAPACITY 1/2" (13mm) DEPTH													
A	D144-T-3300	1273234	–	3300	1.96	0.90	9.01	229	19.9	9.4	3/8	10	76
CIRCULAR SAW – CAPACITY 3/8" (10mm) DEPTH (hard steel 3/64" (1.2mm) depth)													
B	S144-T-3100	936974	–	3100	3.08	1.40	9.65	245	19.9	9.4	3/8	10	80
OSCILATING SAW													
C	D170-L	1261574	19000	–	2.00	0.91	11.30	287	19.7	9.3	3/8	10	76
VACUUM CLEANER													
D	AV101	128534	–	–	1.54	0.70	7.95	202	12.5	5.9	1/4	6	90
AIR SCRIBE													
E	CP9361	T012644	–	–	0.31	0.14	5.00	127	1.1	0.5	3/16	5	79
AIR SCRIBE KIT													
F	CP9361-1	T011970	–	–	0.31	0.14	6.00	127	1.1	0.5	3/16	5	79

Accessories

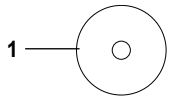
D144-T-.. / S144-T-.. / D170-L / AV101 / CP9361..

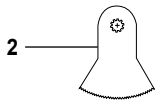
ACCESSORIES INCLUDED

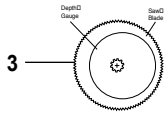
ITEM		Application	PART NUMBER D144-T	S144-T	D170-L	AV101	CP9361	CP9361-1
•	Air Hose – 3/16" bore						P043886	P043886
•	Air Filter Assembly						P056381	P056381
•	Stylus – carbide tipped						P054177	P054177
•	Exhaust hose		222453		222453			
•	Exhaust Hose Clip		235203		235203			
•	Spindle Wrench		164433		15533			
•	Clamp Nut Wrench		29443					
•	Guard Nut Wrench		29653					
•	Hex. Key – 4mm A/F		204903		204903			
1	Saw Blade – diamond coated (2.52" - 64mm dia.)	Fibreglass	32732					
1	Saw Blade – 80 teeth (1.77" - 45mm dia.)	Soft Steel <1.2mm		76362				
1	Saw Blade (3.15" - 80mm dia.)	Plastics			90762			
1	Saw Blade – teflon coated (3.15" - 80mm dia.)	Plastics			90772			
2	Saw Blade (2" radius x 1.97" wide - 50.8mm x 50mm)	Soft Wood			90832			
3	Depth Gauge				27262			
•	Upholstery Nozzle					106443		
•	Crevice Nozzle					106533		
•	Anvils for use with chisels & blanks							P054207
•	Flat Chisel	Scaling & Deburring						P054183
•	Chisel Blank	customise to suit						P054184
•	Round nose Chisel	Cleaning weld beads						P054182
•	Carrying Case							P137979

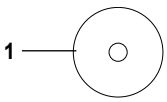
OPTIONAL ACCESSORIES

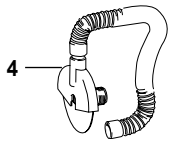
ITEM		Application	PART NUMBER D144-T	S144-T	D170-L
1	Saw Blade (2.52" - 64mm dia.)	Wood	34252		
1	Saw Blade (1.97" - 50mm dia.)	Soft Steel >1.2mm (max depth 7mm)		76372	
1	Saw Blade (1.97" - 50mm dia.)	Hard Steel <1.2mm (max depth 10mm)		76382	
1	Saw Blade (1.97" - 50mm dia.)	Aluminium (max depth 10mm)		76392	
4	Dust Extraction Hood (includes 3m hose – 1.26" (32mm) ID)				78472
1	Saw Blade – diamond tipped (2.52" - 64mm dia.)	Fibreglass			16962
1	Saw Blade – diamond tipped 1.2mm tooth pitch (2.52" - 64mm dia.)	Fibreglass			90722
1	Saw Blade – diamond tipped 1.2mm tooth pitch (3" - 80mm dia.)	Fibreglass			90732
1	Saw Blade – 1.5mm tooth pitch (2.01" - 51mm dia.)	Soft Wood			90782
1	Saw Blade – 1.8mm tooth pitch (2.52" - 64mm dia.)	Soft Wood			90792
1	Saw Blade – 1.5mm tooth pitch (2.99" - 76mm dia.)	Soft Wood			90802
5	Saw Blade (0.87" radius x 0.59" wide - 22mm radius x 15mm wide)	Soft Wood			90822
6	Saw Blade (2.36" + 0.63" dia - 60mm + 16mm segments)	Soft Wood			90842

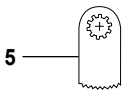


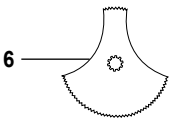












Chicago Pneumatic™

Safety Information

General Safety Instructions for the Operation of Power Tools

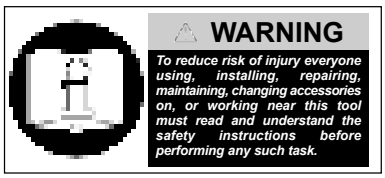
The goal of Chicago Pneumatic and Desoutter is to produce tools that help the operator work safely and efficiently.

The most important safety device for this or any other tool is the operator. Care and good judgement are the best protection against injury.

All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.

Individuals should look for and obey Caution, Warning and Danger signs placed on tools, and displayed in the workplace. Operators should read and follow safety instructions packed with each tool. For a copy of these instructions, contact your local Desoutter representative.

Learn how each tool works. Even if you have previously used similar tools, carefully check out each tool before you use it. Get the 'feel' of it and know its capabilities, limitations, potential hazards, how it operates and how it stops.



All tools are designed to operate at a line pressure of 6.3 bar +/- 0.15bar in accordance with ISO2787.

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

*These declared values were obtained by laboratory testing in compliance with stated standards and are not adequate for risk assessments. Values measured in individual work places may be higher than the declared values. The actual exposure values and risk of harm experienced by an individual are unique and depend upon the way the user works, the workplace and the work station design, as well as upon the exposure time and the physical condition of the user. We Desoutter cannot be held liable for the consequences of using declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

Tools are CE marked to comply with European Machinery Directive.

Specifications subject to change without prior notice.

Further occupational health and safety information can be obtained from the following web sites
http://www.osha.gov (USA)
http://europe.osha.eu.int (Europe).

Compressed Air Hazards

- Air under pressure can cause injury. Never point an air hose at yourself or anyone else. Never blow your clothes free of dust with compressed air. Always direct exhaust air away from yourself and others in the work area.
- Always check for damaged or loose hoses and fittings before using an air tool, and replace if necessary. Whipping hoses can cause serious injury.
- Disconnect the tool from the air supply when not in use, before changing accessories, setting the torque, or when making repairs.
- Do not exceed rated air pressure to increase the output of the tool. This could cause injury and shorten tool life.
- Do not assemble quick coupler on the tool. Vibration can cause breakage resulting in a whipping air hose. Instead, use quick couplers on the end of a short leader hose.
- When universal twist couplings are used, lock pins must be installed to prevent accidental hose disconnection.
- Air tools are not intended for use in explosive atmospheres and are not insulated for contact with electric power sources.

Projectile Hazards

- Always wear impact resistant eye and face protection when involved with or near the operation or repair of tools.

Breathing Hazards

- Proper breathing protection must be worn when working with materials, which produce airborne particles.

Noise Hazards

- Hearing loss can result from prolonged exposure to excessive sound levels.
- Use hearing protection as recommended by your employer or Occupational Health and Safety Regulations.

Vibration Hazards

- Repetitive work motions, awkward positions, and exposure to vibration may be harmful to your hands and arms.
- If numbness, tingling, pain or whitening of the skin occurs, stop using tool and consult a physician.

Entanglement Hazards

- To reduce the risk of injury from entanglement, do not wear loose clothing when using rotating accessories.

Additional Hazards

- Slip/Trip/Fall is a major cause of serious injury or death. Beware of excessive hose/cord left on the walking or work surface.
- Operators and maintenance personnel must be physically fit to perform job tasks, and handle the bulk, weight and power of the tool.
- Deburring tools should be used to reduce the risk of cuts and abrasions due to burrs.
- Wear gloves to protect hands from sharp edges.

Specific Safety Instructions for Power Tool Groups

In addition to the General Safety Instructions, the following are safety instructions and warnings that apply to the safe operation of specific power tool groups.

Compression Tools

- To reduce the risk of injury always keep hands and fingers away from yoke and moving jaws, sets or dies. If possible, hold the tool body with both hands.
- Inspect the yoke daily for cracks. Injury may result if a cracked yoke fails during use.
- All yokes have a life limitation based on cycles and riveting force. This tool and its accessories must not be modified.
- The operator must always read and understand the safety instructions supplied with the tool.

Drills & Tappers

- Keep away from rotating bit and chuck. You can become cut or burned if you come into contact with the drill bit or tap, chips/swarf, or work surface.
- Use intermittent drill feed pressure to avoid long shaved chips/swarf.
- The drill bit or tap can suddenly bind and cause the workpiece or tool to rotate, causing arm and shoulder injuries.
- ANSI recommends use of a support handle on drills with a chuck larger than 3/8" (10mm).

Percussive Tools (Riveting Hammers, Air Scribe)

- All chisels, rivet sets and other associated accessories should be checked for cracks, excessive wear, or other physical damage before each use. Accessories that show signs of damage should be replaced immediately.
- Never use a tool without the proper accessory retainer.

Other Tools (Saws, Deburring, Rivet Milling/ Shaving, Vacuum Cleaner)

- Specific instructions/warnings affecting this group of tools are contained in product specific documents accompanying each product.

Accessories

- Always use accessories of correct size and design for the tool. Tool and accessories must not be modified in any way.
- Never use a tool without the proper accessory retainer.
- Do not use a tool or attachment for a purpose not intended by the manufacturer.

For further information on Ergonomics and Work-place Design ask for Desoutter publication LT198

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