# SCMTTA-075 Operation and Maintenance Manual







Before operating this tool, all operators should study this manual to understand and follow the safety warnings and instructions. Keep these instructions with the tool for future reference. If you have any questions, contact your **Sidchrome** representative or distributor.



3/4" Air Impact Wrench

IAPT-AIP-5-SD.2011

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#### INTRODUCTION

The **Sidchrome SCMTTA-075** is a precision-built tool, designed for high torque assembly and disassembly of threaded fasteners. This tool will deliver efficient, dependable service when used correctly and with care. As with any fine power tool, for best performance the manufacturer's instructions must be followed. Please study this manual before operating the tool and understand the safety warnings and cautions. The instructions on installation, operation and maintenance should be read carefully, and the manuals kept for reference. NOTE: Additional safety measures may be required because of your particular application of the tool. Contact your **Sidchrome** representative or distributor with any questions concerning the tool and its use.

Sidchrome 82 Taryn Drive Epping Victoria 3076 Australia

Customer Service Phone Number 1800 338 002

### SPECIFICATIONS



			SF	PECIF	ICAT	IONS					
Model #	Square Drive	Blow Rate	Breakaway Torque			Noise	Level			Vib	ration 2vel
	in	bpm	ft-lbs / Nm	Pressu	re dB(A)	Power	dB(A)	Pressu	re dB(C)	п	n/s²
SCMTTA-075	3/4	950	1560 / 2115	97.8	3.0*	108.8	3.0*	<130	3.0*	4.91	0.79**

Model #	Free Speed	Average Air Consumption	Working Pressure	Weight	Dimensions	3/8* NPT
	rpm	cfm / I/min	psi/bar	lbs / kg	in / mm	FITTING
SCMTTA-075	5300	7.1/200	90/6.2	8.4/3.8	8.9 x 3.8 x 8.9 / 227 x 97 x 227	AIR HOSE
		(abolin do/a)	**		and the terms for	I.D. MIN

= measurement uncertainty in dB(A)

\* = measurement uncertainty in m/s<sup>2</sup>

## WARNING

#### IMPORTANT SAFETY INFORMATION ENCLOSED. READ THIS MANUAL BEFORE OPERATING THE MACHINE.

#### FAILURE TO OBSERVE THE FOLLOWING WARNINGS COULD RESULT IN INJURY.



Do not use damaged, frayed or deteriorated air hoses and fittings.



Air powered tools can vibrate in use. Vibration, repetitive motions or uncomfortable positions may be harmful to your hands and arms. Stop using any

tool if discomfort, tingling feeling or pain occurs. See



Do not carry the tool by the hose.

medical advice before resuming use.



Always wear hearing protection when operating this tool.





Always wear eye protection when operating or performing maintenance on this tool.



Keep body stance balanced and firm. Do not overreach when operating this too.



Operate at 90 psig (6.2 bar / 620 kPa) Maximum air pressure.

#### SAFE OPERATION

- Always wear eye protection when operating or performing maintenance on this tool.
- Always wear hearing protection when operating this tool.
- Keep hands, loose clothing and long hair away from rotating end of tool.
- Anticipate and be alert for sudden changes in motion during start up and operation of any power tool.
- Keep body stance balanced and firm. Do not overreach when operating this tool.
- Air powered tools can vibrate in use. Vibration, repetitive motions or uncomfortable positions may be harmful to your hands and arms. Stop using any tool if discomfort, tingling feeling or pain occurs. Seek medical advice before resuming use.
- Use impact rated accessories recommended by Sidchrome
- This tool is not designed for working in explosive atmospheres.
- This tool is not insulated against electric shock.

#### PLACING TOOL IN SERVICE





Always use of an air line lubricator with these machine.

Every eight hours' operation, if a lubricator is not used on the compressed air network, inject 1/2 to 1cm3 approved air tool oil through the machine's inlet connection ..



#### GETTING STARTED

- Always operate, inspect and maintain this tool in accordance with all regulations (local, state, federal and country) that may apply to hand-held / hand-operated pneumatic tools.
- For maximum performance, the air coupler on the wall should be the next size larger than the air coupler used on the tool. The coupler closest to the tool should not be smaller than the proper air supply hose size.
- For safety, top performance, and maximum durability of parts, operate this tool at 90 psig (6.2 bar / 620 kPa) maximum air pressure at the inlet with 3/8" (10mm) inside diameter air supply hose. Adequate air supply volume is required for full power. Restrictions in the supply and volume will cause a drop in air pressure when the trigger is pulled resulting in lower power.
- Always turn off the air supply and disconnect the air supply hose before installing, removing or adjusting any accessory on this tool, or before performing any maintenance on this tool.
- Do not use damaged, frayed or deteriorated air hoses and fittings.
- Be sure all hoses and fittings are the correct size and are tightly secured.
- Always use clean, dry air at 90 psig maximum air pressure. Dust, corrosive fumes and/or excessive moisture can ruin the motor of an air tool.
- Inject the tool every 100-200 cycles with 3-5 grams of grease. Applications vary and grease may need applied more in colder climates/conditions and less in hotter climates/conditions. The grease that should be used should be Petroleum or Synthetic, NLGI Grade 2, -4/230°F(-20/110°C). The tool has a 1/8" Flush type grease fitting. If lower performance is observed immediately after adding grease, service is indicated to remove the build-up within the clutch housing.
- Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel.
- Do not remove any labels. Replace any damaged label.
- The use of a hose whip is recommended. A coupler connected directly to the air inlet increases tool bulk and decreases tool maneuverability.
- The regulator has 3 power positions represented by dots on the dial. Position 1 is the lowest and 3 is full power. To set the tool power with the regulator, turn the dial until the power setting represented by 1, 2 or 3 dots is under the lever in the forward position as shown in Figure A. To assure maximum power in reverse, place the power setting in power setting 3. The triangle arrows on the handle represent forward and reverse.
- The Forward / Reverse Lever must be fully engaged in either the forward or reverse position to ensure the tool works with maximum performance. If the Forward / Reverse Lever is positioned in the middle (see example below, bottom left picture) between forward and reverse, the tool will not be as efficient and powerful.

### Forward/Reverse Lever

Forward Position

Power Setting —

Reverse Position —





Power Setting 2

Power Setting 3 (Max)









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#### CUSTOMER SERVICE

We at Sidchrome are committed to our customers, please reference the following phone number for a direct contact to one of our customer technicians. They will be more than happy to help with any service or warranty questions you may have about your power tool.

Sidchrome 82 Taryn Drive Epping Victoria 3076 Australia

Customer Service Phone Number 1800 338 002

CE DECLARATION OF CONFORMITY WE, SIDCHROME, DECLARE UNDER OUR OWN RESPONSIBILITY THAT THE PRODUCT SCMTTA-075 3/4" AIR IMPACT WRENCH - IS IN CONFORMITY WITH THE «MACHINERY» DIRECTIVE 2006/42/EC - AND IS IN CONFORMITY WITH THE PROVISIONS OF THE HARMONISED EUROPEAN STANDARD EN 792-6:2000 +A1:2008 BS EN ISO 12100-1:2003+A1:2009 CE BS EN ISO 12100-2:2003+A1:2009 EN ISO 15744:2008 EN 14121-1:2007 & EN ISO 8662-7:1997 E.MIN 07.01.2013

SIDCHROME QUALITY MANAGER