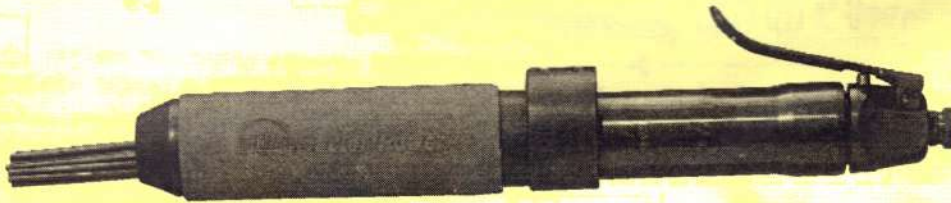




MP5177
Needle Scaler



Model Number	Blows Per Min	Bore		Length	
	RPM	in.	mm	in.	mm
MP5177	4600	1	25	17.2	437

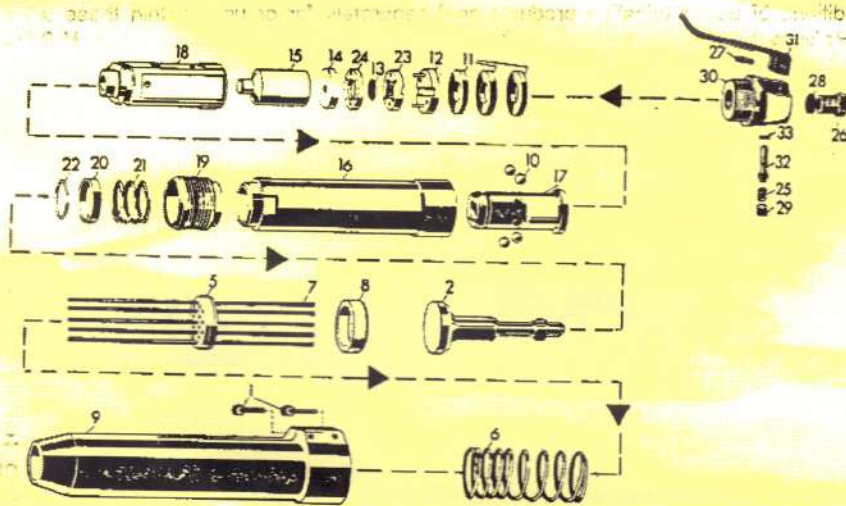
For additional product information visit our website at <http://www.coopertools.com>

CooperTools
P.O. Box 1410
Lexington, SC 29071-1410

MASTER POWER MP5177 Needle Scaler

"A"

(*) Indicates recommended spare part. Order one (1) or one set for every 5 tools or two sets for 6-10 tools. Small, easily lost or low cost parts should also be ordered on the basis of 3-4 per 10 tools.



Item No.	Part No.	Description	Qty.
1	89185-16	5/16-24 x 1 Socket Hd. Screw	2
2	89128-00	Anvil	1
5	89130-00	Needle Holder	1
6	89132-00	Spring	1
7	51700	Needles (Set of 19; Incl. 8) (Acc)	1
8	89129-00	Buffer Ring	1
9	89122-01	Needle Housing (Round Nose)	1
10	4443-00	5/16 Steel Ball	4
11	89112-00	Belleville Washer	3
12	89113-00	Inlet Plate & Pins	1
13	700594-00	Valve	1
14	89117-00	End Plate	1
15	695460-00	Piston	1
16	701759-00	Cylinder (Incl. 17 & 18)	1
17	701758-00	Nose Bushing	1
18	701323-00	Liner	1
19	701757-00	Retaining Sleeve	1
20	89121-00	Retaining Washer	1
21	695447-00	Spring	1
22	695449-00	Retaining Ring	1
23	89115-00	Valve Plate	1
24	89116-00	Valve Spacer	1
25	91441-00	Spring	1
26	54569-00	Inlet Bushing	1
27	56174-00	Pin	1
28	54436-00	Screen	1
29	67107-00	Plug	1
30	88107-00	Inlet Housing	1
31	89108-00	Lever	1
32	89110-00	Valve	1
33	51140-00	O-Ring	1

PARTS NOT SHOWN:	
99056-11	7/8 Hex Wrench
695468-00	Cap Plug
704478-00	Ergo Sleeve
EXTRA EQUIPMENT:	
60538	4 oz. Bottle of Master Guard Oil (Acc)

Important! To assure product SAFETY AND RELIABILITY, repairs, maintenance and adjustment should be performed by CooperTools' Sales & Service Centers or other qualified service organizations, always using MASTER POWER® replacement parts.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAME-PLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

(#) Quantity • Stückzahl • Quantité • Cantidad • Quantität
 (*) Recommended Spare Parts (§) Included in tune-up kit

Lubrication Products for Cooper Tools

CooperTools' products are classified as non-hazardous manufactured items, defined in the OSHA 1910.1200 Hazard Communication Standard as "Articles". These products, under conditions of normal use, do not release or cause exposure to a hazardous chemical.

Under normal conditions of use, lubrication products sold separately for or used within these tools should not cause an exposure hazard. Refer to the Material Safety Data Sheet for Safety and Disposal Information. M.S.D.S. sheets are available upon request from CooperTools.

CooperTools is also aware of, and complies with, the provisions of section 611 amendments to the Clean Air Act of 1990. No ozone depleting chemicals have been used in the manufacture of our products.

If you resell or distribute these products, you have the responsibility for ensuring that the Material Safety Data Sheets are provided to the purchaser.

Proper lubrication is essential to the economical operation of pneumatic tools. Gardner-Denver, Dotco, Doler, DGD, Master Power & Buckeye tools perform better and their life is extended by using the recommended lubricants. The following lubricants have undergone extensive testing and are recommended for use with CooperTools' products.

Part Number	Size	Intended Usage	M.S.D.S. No.
Greases			
A123771	16 oz. Can	Piston Hoist Motor, Piston Motor & Piston Motor Gearing	CPT-142
525430	16 oz. Can	75250AC5, K5, K1, P2 Hoist Gearing	CPT-143
513156	16 oz. Can	Assembly Tool Teflon Grease	CPT-145
540395	2 oz. Tube		
540394	2.8 oz. Tube	Angle & Planetary Molykote Gear Grease	CPT-146
45-0983	2 oz. Tube	Planetary Gear Grease for Grinders & Sanders	CPT-147
45-0992	14.5 fl. oz. Cartridge		
45-0980	2 oz. Tube	Angle Head Gear Grease for Grinders	CPT-148
540450	16 oz. Can	High Temp. Grease for Piston Hoists & Motors	CPT-151
1011473	5.5 oz. Tube	Belt Sander Attachments	CPT-254
875914	5.5 oz.	Saws	CPT-256
Oils			
26185	4 oz. Tube	O-Ring Lubricant	CPT-144
535577	8 oz. Tube	Hoist Chain Oil	CPT-152
540397	1 quart	Air Tool Air Line Oil	CPT-153
533485	1 gallon		
536333	1 gallon	High Film Strength Air Line Oil	CPT-154
45-0918	1 quart	Air Tool Air Line Oil (Dotco products)	CPT-155
45-0919	1 gallon		
535090	1 gallon	MR Motor Gearing	CPT-156
539317	1 quart	Pulse Tool Hydraulic Oil	CPT-157
1021775	1 quart	Hydraulic Fluid	CPT-158
1017712	2 oz. Tube	Belt Sander Attachments & Saws	CPT-255
1011474	6 oz. Tube		
60538	4 oz. Tube		
60539	1 quart	Master Power Products	CPT-317
Miscellaneous			
59-007	1.0 oz.	Loctite Black Max Adhesive	CPT-257
59-013	0.34 fl. oz.	Loctite Removable Threadlocker 242	CPT-258

PL65-LUB

January 3, 2003

Lubrication of Pneumatic Tools, Motors, and Hoists

Air Line Lubrication

Air line filter-lubricators are a necessity for long life of your tools and hoists. Oil injected in the tool and reconnecting to the air line lasts from 3 to 10 minutes of the tool running: the higher the tool speed the faster the blades heat, evaporate the oil, and run dry. Most blades travel a distance equal to 1.2 miles in one minute (*over 100 feet per second*) and centrifugal force gives even a small blade a weight equal to 5 or 6 pounds. The heat that is generated without oil will cause blades to chip and the chips get in bearings and cause failure. Dry blades heat, stick, and break or wear out in 20 hours or less. Properly lubricated blades can last 2,000 hours or more. How much oil is needed per minute of running? See chart below for the average use.

Air Motor Size	Drops per Minute	Air Motor Size	Drops per Minute	Air Motor Size	Drops per Minute
up to 0.2 HP	1 to 3	MR70: 7.0 HP	16 to 21	MM: 15.0 HP	34 to 38
0.2 to 0.5 HP	2 to 5	A2: 0.6 HP	2 to 3	Hoist Series	Drops per Minute
0.5 to 1.0 HP	4 to 6	B4: 0.9 HP	4 to 5	75250CA5	4 to 5
1.0 to 2.0 HP	6 to 10	A6: 1.9 HP	6 to 8	K5 Series	8 to 10
2.0 to 3.0 HP	8 to 12	A8: 2.7 HP	8 to 10	K1 Series	8 to 10
3.0 to 6.0 HP	10 to 15	MA2: 1.5 HP	6 to 8	TA Series	3 to 4
6.0 to 15.0 HP	12 to 20	MA3: 3.0 HP	9 to 11	P1 Series	3 to 4
MR10: 1.0 HP	5 to 6	MB: 5.5 HP	15 to 18	P2 Series	5 to 7
MR30: 3.0 HP	12 to 13	ME: 6.5 HP	16 to 19	P3 Series	8 to 10
MR50: 5.0 HP	13 to 17	MK: 11.0 HP	30 to 34		

These drops per minute rates are for use with CooperTools' Economist lubricators. Use 540397, 533485, or 536333 air line oil.

When using CooperTools' Atomist lubricator use 540397 or 533485 air line oil. Increase the drops per minute shown in the above chart x 32. Only a small portion of the drops in the sight tube actually go into the air stream, the rest of the drops go back into the oil storage bowl. The Atomist should be used for short cycles such as hoists and low CFM usage applications.

The best way to test if you are getting sufficient oil is to hold a piece of hard finish white paper at the exhaust for one (1) minute. If you do not see oil on the paper you are not getting sufficient oil to the unit.

DO NOT FEED AIR LINE OIL TO TURBINE TYPE TOOLS!

Recommended Air Line Oil

If you have a small Dotco grinder and plan to operate at maximum speed use the Dotco brand oil (45-0918 for one quart and 45-0919 for one gallon). Use this oil only in Dotco brand tools. Should speed not be of the utmost importance use Gardner-Denver brand oil (540397 for one quart and 533485 for one gallon) in Dotco brand tools as well as all other tools. Master Power products use Master Guard air motor oil (60539 for one quart).

When you have self feed drills or Airfeeddrills running free much of the time during their stroke, at 80 psi air pressure or higher, use Gardner-Denver oil (536333 for one gallon). The film strength of this oil is such that oil drop lubricators must be used, as the oil will not always break up for mist types.

Should you want commercial equivalents of these lubricants, contact the Technical Service Supervisor at our Lexington plant. Our oils have been selected after much testing. Other oils may not be adequate and may gum up your units causing the loss of factory warranty.

Filters-Lubricators

For best results use 50 micron or better filters. Always mount lubricators as close to the tool as possible. Always mount lubricator higher than the tool or at least the same height. If you use a mist type and it is close to a tool with long run cycles (10 seconds or more) you may get sufficient lubrication with the lubricator lower than the tool. Use a lubricator for each tool as feeding more than one tool usually results in one tool getting oil and the rest running dry and soon failing due to the lack of lubrication.

The lubricators that inject oil right at the inlet of the tool, when each cycle is initiated, are excellent for short cycle applications like screw driving, nut setting, or short hoist lifts. On many fastener applications the tool run is so short that regular lubricators do not get oil to the tool. This type of lubricator makes sure oil is at the tool through the small feed tube inside the air hose. In the case of most hoists, it is often not easy to get a lubricator close to the hoist or on the same level or higher than the hoist. These "one shot" type lubricators will solve the problem.

Lubricators are actuated by air flow so a lubricator that adequately lubricates a .6HP tool may not feed oil at all to a .2 HP pencil grinder. A good lubricator in the air line may not feed oil unless properly sized and properly adjusted.

Standard air line filters do not remove all of the water in an air line. If you see water in your filter at the individual tool you should consider a dryer at your compressor to protect your tool from rust and early failure. Dryers can be refrigeration, coalescing, or desiccant type.

WARRANTY (EN)

CooperTools warrants products and parts sold by it, insofar as they are of its own manufacture, against defects of material and workmanship, under normal use and service in accordance with its written instructions, recommendations, and ratings for installation, operation, maintenance, and service of products, for a period of ONE YEAR FROM THE DATE OF INITIAL USE, BUT IN NO EVENT SHALL THE WARRANTY EXCEED 24 MONTHS FROM DATE OF DELIVERY TO DISTRIBUTOR. Proof of Purchase with shipment date must be furnished by the user to validate the warranty. This warranty applies only to products manufactured by Cooper and specifically excludes products manufactured by others. Products not manufactured by Cooper are warranted only to the extent and in the manner warranted to Cooper by the manufacturer and then only to the extent Cooper is able to enforce such warranty. Cooper's warranty with respect to products manufactured by it is limited to the repair or replacement, as Cooper may elect, of any defective part regarding which the Distributor has given 5 days written notice from the discovery of such defect. Installation and transportation costs are not included. Cooper shall have the option of requiring the return to it of the defective material, transportation prepaid, for inspection. No allowance will be made for repairs without Cooper's approval. COOPER MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, AND HEREBY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

GARANTIE (DE)

CooperTools garantiert von ihr verkaufte Produkte und Teile, soweit sie aus eigener Herstellung stammen, für ein Jahr vom Tag des ersten gebrauches gegen Material- und Verarbeitungsfehler, vorausgesetzt, daß sie gemäß den schriftlichen Anweisungen, Empfehlungen und Nennwerten der Firma für die Montage, Bedienung, Instandhaltung und Wartung betrieben und instandgehalten wurden, JEDOCH BESTEHT KEINE GARANTIE FÜR EINEN ZEITRAUM VON MEHR ALS 24 MONATE NACH DEM TAG DES VERSANDS AN DEN HÄNDLER. Ein Kaufnachweis, auf dem der Tag des Versands angegeben ist, muß vom Käufer bereitgestellt werden, um die Garantie rechtsgültig zu machen. Diese Garantie gilt nur für von Cooper hergestellte Produkte, und von anderen hergestellte Produkte werden ausdrücklich ausgeschlossen. Nicht von Cooper hergestellte Produkte werden nur zu dem Ausmaß und in der Weise garantiert, in der sie vom Hersteller Cooper gegenüber garantiert werden, und dann nur zu dem Ausmaß, in dem Cooper in der Lage ist, solche Garantieansprüche durchzusetzen. Die Garantie von Cooper in bezug auf Teile, die aus ihrer eigenen Herstellung stammen, ist nach der Wahl von Cooper auf die Reparatur oder den Ersatz jeglicher defekter Teile beschränkt, vorausgesetzt, daß der Händler diese Defekte nach der Entdeckung innerhalb von 5 Tagen schriftlich bekannt gibt. Montage- und Transportkosten sind nicht mitbegriffen. Cooper bleibt die Wahl vorbehalten, ob das defekte Material mit vorausbezahlter Fracht zwecks Inspektion an Cooper zurückzusenden ist. COOPER ÜBERNIMMT KEINE WEITEREN GEWÄHRLEISTUNGEN IRGENDWELCHER ART, OB VERTRAGLICHE ODER GESETZLICHE GEWÄHRLEISTUNGEN, UND LEHNT HIERMIT ALLE GARANTIE DER DURCHSCHNITTS-QUALITÄT UND EIGNUNGSGARANTIE AB.

GARANTIE (FR)

CooperTools garantie les produits et pièces qu'elle vend, dans la mesure que ceux-ci soient fabriqués par Cooper, contre défauts de matériel et fabrication qui se manifestent pendant leur usage et service selon les classifications, recommandations et instructions par écrit de Cooper pour l'installation, l'opération, l'entretien et le service des produits pour une période d'UN AN A PARTIR DE LA DATE D'UTILISATION INITIALE, MAIS EN AUCUN CAS LA GARANTIE NE DEVRA EXCÉDER VINGT-QUATRE MOIS DE LA DATE D'EXPÉDITION AU DISTRIBUTEUR. Une preuve d'achat contenant la date d'expédition doit être fournie par l'utilisateur afin de valider la garantie. Cette garantie ne s'applique qu'aux produits fabriqués par Cooper exclusivement et ne tient pas compte de ceux fabriqués par d'autres. Les produits fabriqués en dehors de Cooper ont une garantie limitée à celle qui est offerte à Cooper par le fabricant et seulement dans la mesure que Cooper puisse mettre en application une telle garantie. Cette garantie est limitée à la réparation ou remplacement, tel que choisit Cooper, de toute pièce défectueuse pour laquelle le distributeur doit présenter une déclaration par écrit après cinq jours de la découverte des défauts. Les frais de transport et d'installation ne sont pas inclus. Cooper tient l'option d'exiger le retour du matériel défectueux, avec frais de transport payés, pour son inspection. Cooper ne tiendra pas compte des réparations effectuées sans son autorisation. COOPER N'ASSUME AUCUN TYPE DE GARANTIE SUPPLÉMENTAIRE, EXPRESSE OU IMPLICITE, ET PAR LE PRESENT DOCUMENT DESAVOUE TOUTES GARANTIES DU CARACTÈRE ADEQUAT POUR LA COMMERCIALISATION QU'UN USAGE PARTICULIER.

GARANTIA (ES)

CooperTools garantiza los productos y las piezas que vende, mientras éstos sean de su fabricación, contra defectos de materiales o fabricación, que se manifiesten durante su uso normal y servicio según las calificaciones, las recomendaciones y las instrucciones por escrito para la instalación, la operación, el mantenimiento y el servicio de los productos, por un período de UN AÑO A PARTIR DE LA FECHA DE USO INICIAL, PERO EN NINGÚN CASO EXCEDERÁ LA GARANTÍA 24 MESES A PARTIR DE LA FECHA DE ENTREGA AL DISTRIBUIDOR. El usuario debe proporcionar la prueba de compra con la fecha de transporte para validar la garantía. Esta garantía se aplica sólo a los productos fabricados por Cooper y excluye específicamente los productos fabricados por otros. Los productos no fabricados por Cooper se garantizan sólo hasta el punto y en la manera en que sean garantizados a Cooper por el fabricante, y sólo hasta el punto que Cooper sea capaz de imponer tal garantía. La garantía de Cooper con respecto a los productos que fabrica está limitada a la reparación o reemplazo, según elija Cooper, de toda pieza defectuosa para la cual el distribuidor haya dado aviso por escrito de 5 días a partir del descubrimiento de tal defecto. No se incluyen los gastos de transporte e instalación. Cooper tendrá la opción de exigir la devolución del material defectuoso, con todos los gastos de transporte pagados, para su inspección. No se dará ningún permiso para reparaciones sin la aprobación de Cooper. COOPER NO OTORGA NINGUNA OTRA GARANTÍA DE CUALQUIER TIPO, EXPRESA O IMPLÍCITA, Y POR LA PRESENTE RENUNCIA A TODAS LAS GARANTÍAS DE COMERCIALIZACIÓN Y DE ADECUACIÓN PARA CIERTO PROPÓSITO.

GARANTIA (PT)

CooperTools oferece garantia nos produtos e peças que vende, até o ponto em que tenham sido fabricados por ela própria, contra defeitos de material e mão de obra, em circunstâncias normais de uso e de serviço, de acordo com suas instruções, recomendações e classificações expressas para instalação, operação, manutenção e serviço de produtos, por um período de UM ANO APÓS A DATA INICIAL DE USO, MAS EM NENHUMA CIRCUNSTÂNCIA TAL GARANTIA SE ESTENDERÁ POR MAIS DE 24 MESES DA DATA DE ENTREGA AO DISTRIBUIDOR. Comprovante de Compra, juntamente com a data da remessa, deve ser fornecido pelo usuário para a validação da garantia. Esta garantia aplica-se somente aos produtos fabricados pela Cooper, e especificamente exclui os produtos fabricados por outrem. Os produtos que não tenham sido fabricados pela Cooper são garantidos somente até o ponto onde foi garantido à Cooper e na maneira como foi garantido à Cooper pelo fabricante, e somente até o ponto onde a Cooper seja capaz de fazer vigor tal garantia. A garantia da Cooper com respeito aos produtos por ela fabricados limita-se ao conserto ou substituição, conforme seja da escolha da Cooper, de qualquer peça defeituosa, para qual o Distribuidor tenha dado um aviso por escrito no prazo de 5 dias após o descobrimento de tal defeito. Os custos de instalação e transporte não estão incluídos. A Cooper deverá ter a opção de solicitar o retorno do material defeituoso, com transporte pré-pago, para inspeção. Nenhuma indenização para reparos será concedida sem a aprovação da Cooper. A COOPER NÃO DÁ NENHUMA OUTRA GARANTIA DE NENHUM TIPO, EM NENHUMA CIRCUNSTÂNCIA, EXPRESSA OU IMPLÍCITA, E ATRAVÉS DESTA DOCUMENTO DESCONHECE TODAS AS GARANTIAS DO CARÁTER COMERCIALIZÁVEL E ADEQUAÇÃO PARA UM PROPOSITO EM PARTICULAR.

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Cooper Power Tools GmbH & Co.
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Sales & Service Centers

NOTE: All locations may not service all products. Please contact your nearest Sales & Service Center for the appropriate facility to handle your service requirements. For additional CooperTools' product information, visit our website at <http://www.coopertools.com>.

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(Airetool products only)
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Tel: (877) 739-7263
Fax: (937) 323-6524

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77831 Ozoir-la-Ferrière Cedex
France
Tel: 011 33 1 4 43 22 00
Fax: 011 33 1 64 40 17 17

Material Removal Tools
Spanabhebende Werkzeuge
Herramientas De Corte
Outils de coupe
Utensili per il taglio
Klæde Afsked Værktøj
Scherpe Hulpmiddelen

Aine Erottaminen Koristella
Τέμνοντα εργαλεία
Ferramentas De Corte
Material Flyttande Redskap



EG DECLARATION OF CONFORMITY
EG KONFORMITÄTSEKTLÄRUNG
DECLARACION DE CONFORMIDAD CE
CE DÉCLARATION DE CONFORMITÉ
DICHIARAZIONE DI CONFORMITÀ CE
EF ÖVERENSSTEMMELSESEKTLÄRING
EG KONFORMITEITSVERKLARING
EC VAATIMUSTENMUKAISUUSVAKUUTUS
ΔΗΛΩΣΗ ΣΥΜΦΩΝΙΑΣ ΕΚ
DECLARAÇÃO DE CONFORMIDADE CE
EG-DEKLARATION OM ÖVERENSSTÄMMELSE

Individual machinery and safety components
- einzelner Maschinen und Sicherheitskomponenten
- Maquinaria individual y componentes de seguridad
- machines individuelles et sécurité
- Macchine singole e componenti di sicurezza
- Individuel maskine og sikkerhedsudstyr
- individuelle machines en veiligheidssonderdelen
- yksittäiset koneet ja turvallisuuskomponentit
- μεμονωμένα στοιχεία μηχανών και ασφαλείας
- Maquinaria individual e dispositivos de segurança
- Individuell maskin och säkerhetskomponenter.

EN - We, CooperTools, declare that, to our understanding, the enclosed product complies with the requirements of Machinery Directive 98/37/EC and all applicable provisions.

FI - Me, CooperTools, vakuutamme, että tietämyksemme mukaan, oheinen tuote vastaa konedirektiivin 98/37/EC ja soveltuvien lausekkeiden vaatimuksia.

DE - Wir, CooperTools, erklären, daß nach unseren Erkenntnissen, das beigefügte Produkt den Anforderungen der Maschinen-Richtlinie 98/37/EC und allen anwendbaren Vorschriften entspricht.

EL - Εμείς, η CooperTools, δηλώνουμε ότι, χάρα την αντίληψη, μας, το εσολχλειοτο προιον πληροι τις απαιτησεις της Οηηιας Μηξάνηματον 98/37/EC χαι ολους τους εσαρμοσσιμους ορους

ES - Nosotros, CooperTools, declaramos que, según nuestro criterio, el producto adjunto cumple con las condiciones de Machinery Directive 98/37/EC y todas las cláusulas pertinentes.

PT - Nós, CooperTools, declaramos que, em nosso entender, o produto incluso obedece às exigências da Directiva sobre Maquinaria 98/37/EC – Anexo IIA e a todas as disposições aplicáveis.

FR - Nous, CooperTools, déclarons que, d'après notre compréhension, le produit joint est conforme aux exigences de la directive de machines 98/37/EC et à toutes les prescriptions applicables.

SV - Vi, CooperTools, deklarerar att, enligt vår kännedom, bifogade produkt motsvarar kraven in maskindirektiv 98/37/EC och alla tillämpliga föreskrifter.

IT - Noi, CooperTools, dichiariamo che secondo il nostro giudizio, il prodotto allegato è conforme alle esigenze delle direttive per macchinario 98/37/EC e a tutte le prescrizioni applicabili.

DK - CooperTools erklærer hermed, at det vedlagte produkt efter vores bedste overbevisning efterkommer de krav, der er beskrevet i Maskindirektiv 98/37/EC og alle gældende bestemmelser.

NL - Wij, CooperTools, verklaren dat volgens ons inzicht de bijgevoegde goederen voldoen aan de eisen zoals gesteld in de machin richtlijn 98/37/EC en alle van toepassing zijnde voorschriften.

John Stewart, Product Engineering Manager

Type / Type / Tipo / Type / Tipo / Type / Type / Τυπρι / Τυπος / Typ / Typ

Name and title of issuer / Name und Titel des Herstellers / Nombre y título del expedidor / Nom et titre du fabricant / Nome e titolo del costruttore / Udsteder, navn og stilling / Naam en titel fabrikant / Julkaisijan nimi ja asema / Ονομα και τίτλος τον εχδοτη / Nome e titolo do emissor / Tillverkarens namn och titel

Dotco: 15Z series
Master Power: 4734, 5160 series, 5193, 5197
Buckeye: 61N Series

Signature of issuer / Unterschrift des Herstellers / Firma del expedidor / Signature du fabricant / Firma del costruttore / Udsteder, underskrift / handtkaning fabrikant / Julkaisijan allokirjoitus / Υπογραψη τον εχδοτη / Assinatura do emissor / Underskrift tillverkare

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TEST DATA

CE-1013
01/04

Noise dB(A) - Vibration m/s²
Geräusch dB(A) - Vibration m/s²
Ruido dB(A) - Vibracion m/s²
Bruit dB(A) - Vibration m/s²
Rumorosita dB(A) - Vibrazioni m/s²
Støj dB(A) - Vibrationer m/s²
Geluid dB(A) - Trillingen m/s²

Melu dB(A) - Värinä m/s²
Θόρυβος dB(A) - Δόνηση
Ruído dB(A) - Vibraçãoes m/s²
Ljud dB(A) - Vibrationer m/s²

Dotco

Master Power

4734	87 dB(A)	< 2.5 m/s ²
5160 series	99 dB(A)	10.50 m/s ²
5193/5197	107.14 dB(A)	9.84 m/s ²

Buckeye

Cleco

SAFETY FIRST!

PL16-5177
March 25, 2002

ALWAYS COMPLY WITH:

1. General Industry Safety & Health Regulations, Part 1910, OSHA 2206, available from: Sup't of Documents; Government Printing Office; Washington DC 20402
2. Safety Code for Portable Air Tools, ANSI B186.1 available from: American National Standards Institute, Inc.; 1430 Broadway; New York, NY 10018
3. State and Local regulations.

Portions of the above codes and regulations are listed below for quick reference.

THESE EXCERPTS ARE NOT INTENDED TO BE ALL INCLUSIVE – STUDY AND COMPLY WITH ALL REGULATIONS!



WARNING FAILURE TO COMPLY WITH ALL SAFETY REGULATIONS MAY RESULT IN SERIOUS INJURY.

1. **TOOL INTENT** – Tools shall be used only for purposes intended in their design (refer to product catalog).
2. **AIR SUPPLY** – Test and operate tools at 90 PSIG maximum unless tool is marked otherwise. Use recommended airline filters–regulators–lubricators.
3. **UNUSUAL SOUND or VIBRATION** – If tool vibrates or produces an unusual sound, repair immediately for correction.
4. **OPERATOR PROTECTIVE EQUIPMENT** – Wear goggles or face shield at all times tool is in operation. Other protective clothing shall be worn, if necessary. SEE REGULATIONS.
5. **SAFETY MAINTENANCE PROGRAM** – Employ a safety program to provide inspection and maintenance of all phases of tool operation and air supply equipment in accordance with "Safety Code for Portable Air Tools."

Safe Work Practices Symbol



WARNING The signal word "Warning" identifies all notes on safe work practices in this operating instruction, alerting to hazards for life and health of people. Observe these notes and proceed with special care in the cases described. Pass all safety instructions on to other operators. In addition to the safety instructions in this operating instruction, the general local safety and accident prevention rules must be observed.

Important Notes



CAUTION The signal word "Caution" identifies all portions of this operation instruction meriting special attention to ensure that guidelines, rules, hints and the correct work procedures are observed; and, to prevent damage to and destruction of the machine and/or parts.

(*) Indicates recommended spare part (or set) for every five (5) tools. Small, low cost or easily lost parts should be stocked as 3-4 per 10 tools.



Disconnect the air supply hose before servicing the tool.

OPERATION

Models covered by this parts list...

The MP5177 model is a Needle Scaler. The operator actuates and releases the trigger, which starts and stops the air motor.

For best performance, a maximum working air pressure of 90 pounds per square inch, *measured at the tool while running*, is recommended.

LUBRICATION

Lubricate the motor with an air line lubricator, using a high grade SAE #5 light spindle oil. Adjust the lubricator to dispense one drop per cycle or three drops per minute. Use CooperTools' "MasterGuard" oil, available in four-ounce containers (#60538) or a one quart container (#60539).

The impact mechanism should be greased every 90 days under normal use or every 150 hours of operation, whichever comes first using a thin coating of Lubriplate #504395 Grease.



CAUTION Do not use substitutes for recommended lubricants. This could result in damage to the tool.

SERVICE INSTRUCTIONS

The parts of this tool are small and require careful handling. DO NOT squeeze tool or parts in a vise except as specified. Bearings are the shielded type. Care must be taken in their assembly and disassembly. Push only on the inner race of the bearings except where specified. NOTE: Bearings are lubricated by the bearing manufacturer for the life of the bearings. Do not clean with a solvent.

COOPER Tools

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