

Read this manual carefully before installing, operating, servicing or repairing.

Working environment:

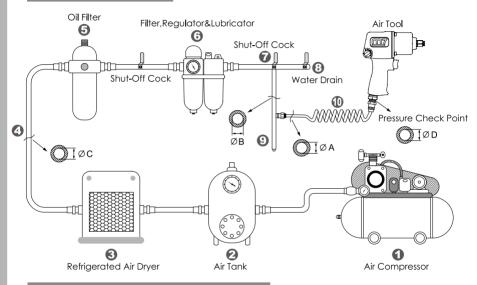
- 1. Using these tools in any potentially explosive environment is strictly prohibited.
- 2.It is always recommended that these types of tools must be operated when standing on a solid or firm location.
- 3. Always use these tools in a well ventilated area.
- 4.Slipping, stumbling and falling are the major causes of potential serious injury, therefore, a clean and clutter free surface in the working area before operating the tools is strongly recommended.

Air supply and connection requirements:

- 1.The maximum recommended air pressure during operation must not exceed 90 psi (6.3bar). Higher air pressure may create unsafe operating conditions for the tool and the user.
- 2.The compressed air should be cooled and have a water filter installed at the outlet end of the compressor. Even with a water filter installed, some water may still condense in the piping or hose and will enter the tool mechanism causing premature damage to the tool. Therefore, it is recommended to install an air filter-lubricator device somewhere between the tool and the compressor.
- 3. Always use an air compressor of the proper capacity to operate each tool.
- 4.Clean the hose with a blast of compressed air before connecting the hose to the air tool. This will prevent both moisture and dust inside the hose from entering the tool and causing possible rust or malfunction.



Ideal system connection:



Piping diameters and length requirement:

- ★The diameter ΦA required for the inlet pipe (i) is recommended on the specification table.
- ★The diameter ΦB required for the branch pipe (from to 0) should be 2 times as large as ΦA.

 ΦB = 2 x ΦA
- ★The diameter ΦC required for the primary air supply (from 1 to 3) should be 3 times as large as ΦA. ΦC = 3 x ΦA
- ★The length for the inlet pipe (1) should be less than 15 feet (4.5m).













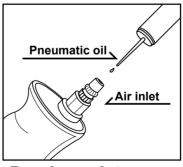


- This tool should only be used as a hand operated tool. It is powered by compressed air and is not insulated against electric shock.
- This tool is specially designed for tightening or loosening bolts or nuts. Any application or use of this tool other than what it is designed for is strictly prohibited.
- 3. Use only pneumatic impact sockets and accessories on this tool. Never use hand sockets or accessories.
- 4. High sound levels may cause hearing damage. Always wear hearing protection when operating this tool.
- Wearing eye/face protection can reduce the danger of high-speed socket being ejected from the tool, due to improper socket insertion during operation.
- User must wear proper clothing. Loose clothing, long hair, stings, straps, belts and jewelry should not be worn when operating this tool.
- 7. Before using these tools, make sure that all couplings and plugs are securely mounted. Air hoses which are under pressure will cause a whipping action when disconnecting, this can lead to serious injury!
- Make certain to stand on a solid or firm location and keep body in well-balanced position while operating this tool
- Test run the tool to confirm the rotation direction before practical use. This will reduce the potential hazard due to unexpected rotating direction.
- 10.In case of tool insert failure, always keep hands away from rotating socket to reduce the risk of being injured, especially when working in confined spaces.
- 11.Always turn off the air supply and disconnect the air hose before changing socket or making adjustments on the tool.
- 12.Release the throttle trigger to avoid danger if there is a failure of energy supply and when connecting or disconnecting the air hose.
- 13. Prolonged use will cause user fatigue. Periodic breaks are recommended for user safety.
- 14.It is recommended to stop operating the tool whenever the user experiences discomfort, tingling or pain during use.
- 15.Beware if the compressed air hose breaks unexpectedly, or is being connected or disconnected improperly. This whipping action may cause injury.
- 16. Always use caution when operating this tool to prevent injury.
- 17. Avoid storing this tool where it is subject to high humidity.



Maintenance:

- Before connecting the air hose to this tool or after operating, apply 4 or 5 drops of pneumatic oil into the air inlet and run it for several seconds, referring this operation to the attached illustration
- 2. Maintain this tool regularly by performing the same oiling application every 3 to 4 hours of operation.
- 3. Do not lubricate tools with flammable or volatile liquids. Use only the lubricant recommended by Mighty-Seven or authorized dealers. Any other lubricant will lead to reduce performance of the tool and permanent damage. Whenever any unauthorized lubricant is used by accident, flush it immediately with recommended pneumatic oil.
- 4. Follow all the recycling laws of waste disposal once this tool is no longer usable.



Regular maintenance

Item No.	Square Drive	Bolt Capacity	Torque Range	Torque	Free Speed		Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure (Power) EN ISO 15744	Vibration level
	inch	inch	FT-LB	FT-LB	R.P.M	CFM	PSI	inch	LBS	inch	dBA	m/s²
Illustrator	@		•	©	№	■ Þ {	(- L	(b/kg)	<u>†</u>	<pre> ②)) </pre>	(((O))
NC-8219	1"	1-7/16"	200-1600	1800	4000	11.0	90	12-13/32"	21.69	1/2"	103.4	16.71

Uncertainty K=0.5a if a ≤ 5 m/s² or K=0.4a if a>5 m/s²

Référence	Carré cond inch	Cap. Boulon	Couple recommandé Nm	Couple maxi	Vitesse à vide	Cons. D'air moyenne	Pression bar	Longueur	Poids	Tuyau d'air	Niveau sonore DBA EN ISO 15744 dBA	Niveau de vibration
		mm I	•	O	R.P.M N₀	■⊫	(i)		(lb/kg)	mm	<i>?</i>))	(((O))
NC-8219	1"	36	271-2170	2441	4000	311	6.3	315	9.84	13	103.4	16.71

Incertitude K=0.5a si a ≤ 5m/s² ou K=0.4a si a>5m/s²

Artikel-Nr.	Vierecke Antrieb inch■	Bolzen Größe	Drehmoment	Max. Drehmoment bei Lösen Nm	Leerlauf Drehzahl	Luftverbrauch	Arbeitsdruck bar	Gesamtlänge	Nettogewicht	Empf. Luftschlauch mm	Schalldruckpegel EN ISO 15744 dBA	Vibrationsniveau <i>m/s</i> ²
	P		•	O	№	■Þ	(i)	+ L +	(b/kg)	□ <u></u>	₹:))	(((O))
NC-8219	1"	36	271-2170	2441	4000	311	6.3	315	9.84	13	103.4	16.71

Unsicherheit K = 0,5, wenn ein ≤ 5 m/s² oder K = 0.4a, wenn a> 5 m / s²

Modelo	Matriz Cuadrada	Capacidad de Perno	Rango de Torque	Máximo	libre	Aire Promedio	Presión de Aire	Longitud Total	Peso Neto	Manguera de Aire	l .	de vibración
	inch	mm	Nm	Nm	R.P.M	L/min	bar	mm	kg	mm	dBA	m/s²
	•		•	©	₽º	■ •÷	②	+ 	(lb/kg)	□ □	?»)	(((O))
NC-8219	1"	36	271-2170	2441	4000	311	6.3	315	9.84	13	103.4	16.71

variable K=0.5a si a ≤ 5 m/s² ó K=0.4a si a>5 m/s²

Código	Encaixe Quadrado	Capacidade do parafuso		Torque Máximo	Velocidade Livre	de Ar	operação	Comprimento Total		Diâmetro interno da mangueira	Nível de ruído EN ISO 15744	Nível de vibração
	polegada	polegada	kgfm	kgfm	R.P.M	L/min	PSI	mm	kg	polegada	dBA	m/s²
	(P)		•	©	₽	■Þ≑	0	- 	lb/kg	□	<i>}</i> ›))	(((O))
NC-8219	1"	1-7/16"	27.6 a 221.3	3 249	4000	311	90	315	9.84	1/2"	103.4	16.71

Incerteza K=0,05a se a $\le 5 \text{ m/s}^2$ ou K=0,4a se a > 5 m/s²

Арт No.	ПрисоеА. квадрат дюйм	вращательное усилие гайковерта ММ	диапазон вращательного усилия Нм	Макс. Усилие Нм	Скорость свободн. Вращения об/мин	Среднее иотребл. Воздуха л/мин	Рабочее давление воздуха бар	Общая длина <i>мм</i>	Bec K2	Миним. Внутр. Диам. Шланга	Уровень шума	Уровень Уровень вибрации m/s²
	(<u> </u>	②	№	■ Þ 	(- L -	(lb/kg)	- ±	? ;))	(((O))
NC-8219	1"	36	271-2170	2441	4000	311	6.3	315	9.84	13	103.4	16.71

Погрешность K=0.5a, если a ≤ 5 m/s² или K=0.4a если a>5 m/s²



EC DECLARATION OF CONFORMITY

Original Language

Serial Number: Please refer to the tool

Air Impact Wrench Item No.: NC-8219

We declare under our own responsibility that the above machinery fulfils all the relevant provisions of Machinery Directive 2006/42/EC and its amendment and is manufactured and tested according to the following standards:

EN 792-6 / EN ISO 15744 / EN 28662-1 and EN ISO 8662-7

Declared in: Taichung, Taiwan Dated:01/01/2010

Signature

Joune/Chen

Jonney Chen
Declared by: QA Manager

Manufacturer:

Mighty Seven International Co., Ltd.

No. 70-25, Ching Qunag Rd., Wu-Jih Shiang,
Taichung Hsien, 41466 Taiwan

www.mightv-seven.com



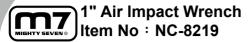
Authorized contact, to compile the technical files :

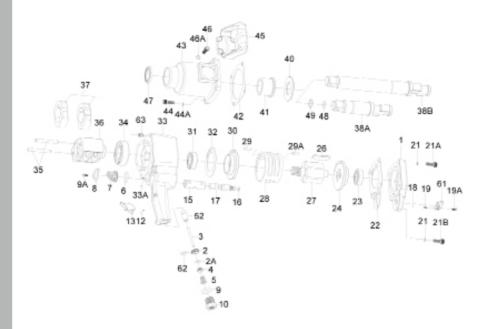
King Tony France

3 Rue des imprimeurs ZI République Nord 1. 86000 POITIERS FRANCE

TEL: (+33) 5-49-30-30-90

E-MAIL: christian.aubineau@kingtony.eu





Part List Twin Hammer Type (6

NO.	INDEX NO.	DESCRIPTION	Q'TY
1	0NC-8219P01	Backhead	1
2	0NC-8219P02	Throttle Valve Seat	1
2A	0NC-8219P02A	O-Ring	1
3	0NC-8219P03	Throttle Valve Plunger	1
4	0NC-8219P04	Throttle Valve	1
5	0NC-8219P05	Spring	1
6	0NC-8219P06	O-Ring	1
7	0NC-8219P07	Exhaust Deflector	1
8	0NC-8219P08	Retainer	1
9	0NC-8219P09	O-Ring	1
9A	0NC-8219T09A	Screw	2
10	0NC-8219P10	Air Inlet	1
12	0NC-8219P12	Trigger Pin	1
13	0NC-8219P13	Trigger	1
15	-	Reverse Valve Bushing	1
16	0NC-8219P16	O-Ring	1
17	0NC-8219P17	Reverse Valve	1
18	0NC-8219P18	Steel Ball	1
19	0NC-8219P19	Spring	1
19A	0NC-8219P19A	Screw	1
21	-	Spring Washer	5
21A	0NC-8219T21A	Screw Assembly 4pcs	1set
21B	0NC-8219T21B	Screw Assembly	1
22	0NC-8219P22	Gasket	1
23	-	Ball Bearing	1
24	0NC-8219T24	Rear End Plate Assembly	1
26	0NC-8219T26	Rotor Blade 6pcs	1set
27	0NC-8219P27	Rotor	1
28	0NC-8219P28	Cylinder	1
29	0NC-8219P29	Spring Pin	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
29A	0NC-8219P29A	Spring Pin	1
30	0NC-8219T30	Front End Plate Assembly	1
31	-	Ball Bearing	1
32	0NC-8219P32	Gasket	1
33	0NC-8219T33	Housing Assembly	1
33A	-	Steel Ball 4pcs	1set
34	0NC-8219P34	Ball Bearing	1
35	0NC-8219T35	Hammer Pin 2pcs	1set
35	0NC-8219P36	Hammer Frame	1
35	0NC-8219T37	Hammer 2pcs	1set
38A	0NC-8219P38A	standard Anvil	1
38B	0NC-8219P38B	6" Anvil	1
40	0NC-8219P40	Washer	1
41	0NC-8219P41	Bushing	1
42	0NC-8219P42	Gasket	1
43	0NC-8219P43	Hammer Case	1
44	0NC-8219T44	Screw Assembly 4pcs	1set
44A	-	Spring Washer 4pcs	1set
45	0NC-8219P45	Side Spade Handle	1
46	0NC-8219T46	Screw 4pcs	1set
46A	-	Spring Washer 4pcs	1set
47	0NC-8219P47	Oil Seal	1
48	0NC-8219P48	O-Ring	1
49	0NC-8219P49	Socket Retainer	1
52	-	Bushing	1
61	0NC-8219P61	Reverse Valve Knob	1
62	0NC-8219P62	O-Ring	1
63	-	Heli-Coil 9pcs	1set

Warranty Card

Manufacturer's limited warranty

Mighty Seven International CO., LTD. offers limited warranty to the products manufactured by Mighty Seven and sold by its worldwide authorized dealers. The limited warranty only applies to products that are defective in material and workmanship and does not apply to products which have been abused, misused, modified, or repaired by someone other than Mighty Seven or its authorized service representatives. If there is a defective product of Mighty Seven, please send it prepaid to the dealer where it was purchased from along with address and contact information. Repairs or replacements are warranted as described above; otherwise, the service of repairs or replacements will be charged.

Please Keep This card For Warranty

Date of Purchase :	Model No. :
Warranty Expiration Date :	Serial No. :

Distributor Stamp





Date of Purchase :	Model No. :
Warranty Expiration Date :	Serial No. :
Name :	
Company Name :	
Address :	
Tel.: Fax.:	
E-mail:	
Type of Business :	
☐ Agriculture	Paint & Body Repair
General Auto Repair	Public Work/Gav, Utilities
☐ Tire	Factory
□ Truck Maintenance/Repair	☐ Hame Use
☐ Car Maker	Other
Specification of compressor used :	
Horsepower:	Tank Size (liter/gal) :
5 7.5 10 15+	75,7(20) 227,1 60) 302,8 80) 454,2(120)
other	other

Formulaire de garantie

Garantie fabricant

Mighty Seven International CO., LTD offre la garantie fabricant aux produits fabriqués par Mighty Seven et vendus par ses distributeurs agréés dans le monde entier. La garantie limitée s'applique seulement aux produits qui sont défectueux et ne s'applique pas aux produits qui ont été mal utilisés, perdus, modifiés ou réparés par quelqu'un d'autre que Mighty Seven ou ses services techniques. S'il y a un produit défectueux de Mighty Seven, envoyez-le au distributeur où il a été acheté, avec l'adresse et les coordonnées du propriétaire. La réparation ou les remplacements de pièces sont garantis comme décrit ci-dessus; sinon, le service technique factura la réparation au propriétaire du produit.

Remplir le formulaire de garantie

Date d'achat du produit:	Modéle N°:
Date d'expiration de la garantie:	N° de série:

Tampon du distributeur





Date d'achat du produit:	Modéle N°:
Date d'expiration de la garantie:	N° de série:
Nom:	
Nom de la société:	
Adresse:	
Tel.: Fax:	
E-mail:	
Type d'activité:	
Agricole	☐ Carroserie
Réparations automobile	☐ Travaux publics
☐ Pneumatiques	☐ Inclustrie
Maintenances et réparations poids lourd	☐ Particuler
☐ Fabricant automobile	Autre
Compresseur utilisé: Puissance CV:	Taille de la cuve (Litre):
☐5 ☐7,5 ☐10 ☐15+	75,7 227,1 302,8 454,2
Autre	Autre

Garantiekarte

Herstellergarantie

Mighty Seven International CO., LTD. bietet Kunden die Garantie mit gewisser Beschränkung für alle Produkte, die aus eigener Herstellung stammen und von Mighty Sevens weltweit autorisierten Fachhändlern gekauft worden sind. Garantieansprüche können nur gewährt werden, wenn der Mangel oder Schaden nachweislich auf unsachgemäße Herstellung oder die Verwendung fehlerhafter Materialien zurückzuführen ist. Mighty Seven haftet nicht für Beanstandungen der Werkzeuge, die auf unsachgemäße Handhabung, sowie zu hohen Betriebsdruck, oder der Verwendung von falschen Zubehörterlen zurückzuführen sind. Mighty Seven schuldet auch nicht für Ausfälle, die die mangelhafte Wartung und Überbeanspruchung der Werkzeuge nachweisen.

Garantieansprüche können nur dem Hersteller oder den autorisierten Fachhändlem gegenüber schriftlich geltend gemacht werden. Im Fall einer Reklamation sollen die defekten Teile mit der Kontaktanschrift des Absenders zurück an die Verkaufsstelle gesendet werden. Für die Werkzeuge, an denen eigenhändige Reparaturversuche bereits vorgenommen wurde, entfällt jeglicher Garantieanspruch.

Bitte diese Garantiekarte aufbewahren!

Einkaufsdatum:	Model-Nr.:
Garantieablaufdatum:	Serien-Nr.:

Ihre Mighty Seven Fachhändler





Einkaufsdatum:	Model-Nr.:	
Garantieablaufdatum:	Serien-Nr.:	
Name:		
Firmenname:		
Adresse:		
Tel.: Fax:		
Email:		
Branche:		
Agrarindustrie:	Auto-Karosserie und Lackierer	
Alig. KFZ-Reparaturdienst	☐ 10r Öffentlichkeitorbeit	
☐ Reifeservice	☐ Produktion	
■ Nufzfahrzeug-USW-Service	☐ Helmwerk	
Autohersteller	Sonstiges	
Spezifikation des verwendeten Kompressors:		
Psi (bar):	Luftbehälter (Liter):	
5 7,5 10 15+	75.7 227.1 302.8 454.2	
Sonstiges	Sonstiges	

Tarjeta de Garantía

Garantía Limitada del Fabricante

Mighty Seven International CO., LTD. ofrece una garantia limitada a los productos fabricados por Mighty Seven y vendidos por sus agentes autorizados a nivel internacional. La garantia limitada sólo aplica a defectos de material o manufactura y no aplica a productos que hayan sido abusados, malusados, modificados o reparados por terceros ajenos a Mighty Seven o sus representantes de servicio autorizados. Si hubiera un defecto en un producto de Mighty Seven , por favor enviarlo prepagado al lugar donde fue comprado adjuntando su dirección e información de contacto. Las reparaciones o reemplazos son garantizados en los casos arriba explicados; de lo contrario las reparaciones o reemplazos tendrán un costo que deberá ser pagado por el cliente.

Por favor conservar esta tarjeta para Garantía

Fecha de Compra :	Modelo No. :
Fecha de fin de Garantia :	No. de Serie :

Sello del Distribuidor





Fecha de Compra :	Modelo No. :	
Fecha de fin de Garantia :	No. de Serie :	
Nombre :		
Nombre de la Empresa :		
Dirección :		
Tel: Fax.:		
Email:		
Tipo de Negocio :		
Agricultura	Pintura y reparación carrocería	
Reparación Gral. Autos	☐ Trabaja público / Gablemo	
Llantas	☐ Fábrica	
Reparación/mant,camiones	Uso Casero	
☐Fabricante de Autos	Otros	
Especificaciones de la compresora usada:		
Potencia (HP) : 5	Tamaño de tanque (litro) : 75,7 227,1 302,8 454,2	
	Otros	

Cartão de garantia

Garantia limitada de fabribante

A Mighty Mighty Seven International CO., LTD oferece garantia limitada aos produtos por ela fabricados e vendidos globalmente por seus distribuidorers autorizados. A garantia limitada aplica-se somente aos produtos que apresentarem defeitos de material ou manufatura, não cobrindo, portanto, produtos que forem usados incorretamente, danificados, modificados ou reparados por outros que não a própria Mighty Seven International ou seus distribuidores autorizados. Se houver um produto Mighty Seven defeituoso, por favor, envie-o com frete pago para o distribuidor onde ele foi comprado, incluindo no pacote informações para contato e endereço para devolução. Reparos ou trocas em garantia serão oferecidos conforme condições acima descritas. Nos demais casos peças e mão-de-obra serão cobrados.

Por favor, guarde este cartão para fins de garantia.

ı	Data da compra:	Modelo:
ı	Garantia válida até:	Nº de série:
Carimbo do distribuidor		





Data da compra:	Modelo:	
Garantia válida até:	Nº de série:	
Nome:		
Nome da empresa:		
Endereço:		
Tel.: Fax.:		
E-mail:		
Ramo de negócio:		
☐ Agricultura	Funitaria e pintura	
Reparação automotiva	☐ Órgão público	
☐ Traca de pneus	☐ Indústria	
Reparação diesel	Usa daméstica	
☐ Montadoras	Outras	
Especificações do compressor usado:		
Potência (hp): □ 5 □ 7.5 □ 10 □ 15+	Volume do Reservatório (litros): ☐ 75.7 ☐ 227.1 ☐ 302.8 ☐ 454.2	
Outras	Outras	

Гарантийный талон

Компания-производитель

- «Mighty Seven International CO., LTD.» предоставляет ограниченную гарантию на свою продукцию «Mighty Seven» сроком 12 месяцея с далы ее продажи потребутелю через своих дистрибьюторов по всему мися.
- Гарактия предполагает бесплатный режинт или, в опучае невозжинности ремонта, замену неиогравного инструмента «Milotry Sevien» в состветствие с настоящими условиями:
- Предоставление правильно заполненного данного Гарантийного Талона.
- Решонт или замена производится компенией-продведом после технической экспертизы продукции. Экспертиза и ремонт производится в разумения сроки уполномоченными представителями компении.
- При невозможности замены или режонта компании-продавец оставляет за собой право возместить стоимость, продикции, попадающей год действие настоящих условий, при налични долимента, подтверждающего ее приобретение.

Гарантия не распространяется на инструмент, имеющий следующие признаки.

- 1. выработка, естественный изнас.
- 2. несенеционированные поиструктувные изменения.
- 3. отсутствие торговой марки «М7» или «Mighty Seven»
- меканические или технические повреждения, вызванные использованием не по назначению или с нарушением правил и нерм эксплуатации и кренения.
- В случае, если инструмент подлежит гарантии, производится бесплатный ремонт, а в случае его невозискности бесплатные замина.

В случае, если инструмент не подлежит гарантии, может быть осуществлен ревоит на средствя потребителя.

Компания-продавец не дает никаких гарантий, за исключением указанных выше. Все споры и разнотпасия, возначающие между покупателем и компанией-продавцом, должны решаться в рамках законодалельство РФ.

Пожалуйста, сохраняйте гарантийный талон и товарный/кассовый чек в течение всего периода пользования инструментом.

Дата покупки:	Модель №:
Дата истечения гарантии:	Серийный Nr:

Дистрибьютор





Для дистрибьютора

Пожалуйста, сохраняйте гарантийный талон и товарный/кассовый чек в течение всего периода пользовани я инструментом.

Дата покупки:	Модель Nr:	
Дата истечения гарантии:	Серийный №:	
ФИО покупателя:		
Название компании:		
Адрес:		
Теп: Факс:		
e-mail;		
Сфера деятельности:		
Сольское хозяйство	 Авто покраска и кузовной ремант 	
Авторемонтное предприятие	Автосервис	
Шиномантож	Пранзводства автомобимей	
Ремонт грузового транспорта	"Частное помысвание	
□ Торгавия автомобилями	Другое	
Мощность компрессора, необходимого для данного оборудования:		
кВт (лошадиные силы): Объем компрессора: литров (галлонов):		
	5,7 227,1 302,8 454,2	
	ругое	

保固卡

镁迪企业股份有限公司提供有限的产品保固,范围仅限定由镁迪公司所生产制造,并透过其全球各大合格经销商推廣销售,若因材质因素或制程瑕疵而导致缺陷之产品。反之,若因不当使用用、误用、自行拆卸、修改,或非经由镁迪所授权之服务人员维修,而造成产品故障或损伤,则不在保固范围之列。

如果发现镁迪公司产品在保固范围内有上述缺陷,请将产品连同地址、联络信息、購買發票及运费等,送回原购买的经销商处进行维修。保固范围以外的所有维修或零件更换等需求,经销商或服务据点得依实际维修内容收取相关费用。

请妥善保存此保固卡。

to the object	
保固有效期:	产品序号:
购买日:	产品型号:

经销商章





保固卡

销售日:	产品型号:
保固有效期:	产品序号:
姓名:	
公司名称:	
地址:	
电话: 传真:	
电邮:	
通路別: □ 农业机械 □ 一般汽车维修 □ 轮胎 □ 卡车维修 □ 汽车制造	□ 车体烤漆&维修 □ 公共工程/政府公共事业 □ 工厂 □ 居家修缮 □ 其它————
所使用的空压机规格: 马力 5	贮气槽 (gal): □ 20 □ 60 □ 80 □ 120 □ 其它