



Kwong Kee

www.auto-muffler.com

www.autocatalyst.cn



Company Profile





Company Profile

History of Kwong Kee

The Hong Kong Kwong Kee Group (KK) boasts more than 40 years of continuous development and growth. Founded in 1970, it now consists of four companies: Hong Kong Kwong Kee Auto Exhaust Systems Company Limited, Catalyst (HK) Environmental Technology Limited, Kwong Kee (Qing Xin) Environmental Exhaust Systems Co., Ltd., and Ping Hu Kwong Kee Auto Parts Company Limited. KK's products include automotive and motorcycle mufflers, catalytic converters and exhaust accessories along with catalytic converter systems for heavy-duty vehicles and off-road applications. The sales network encompasses China, while the foreign markets include the U.S., Belgium, Canada, the UK, Germany, Italy, Russia, New Zealand, Australia, Chile, South Africa, Hong Kong, Singapore, South Korea, Thailand, Taiwan, Turkey, Iran and other countries.

簡介

香港鄭記集團始創於 1970 年，經過四十多年的不斷發展和壯大，如今已擁有四家公司：香港鄭記汽車排氣系統有限公司、嘉得利（香港）環保有限公司、鄭記（清新）環保有限公司和鄭記（平湖）汽車零部件有限公司。其產品包括汽車及摩托車的整套排氣系統，及其相關配套的零部件，消聲器和催化器更是我們的旗艦產品。鄭記的銷售網絡強大，遍布全國各大城市，包括北京、廣州、深圳、成都、昆明和武漢等。於 2005 年開展國際業務，出口至美國、加拿大、英國、德國、意大利、比利時、俄羅斯、新西蘭、澳大利亞、智利、南非、香港、新加坡、韓國、泰國、台灣、土耳其、伊朗等地。



Southern China Manufacturing Facility



Eastern China Manufacturing Facility



Hong Kong Installation & Service Site



Manufacturing Facilities

The Kwong Kee Group has two major production bases. Its Qing Yuan factory is situated on 40,000m² of land. The manufacturing facilities cover an area of 20,000m², where the production of automotive and motorcycle catalytic converters and mufflers is conducted. Moreover, the manufacturing plant in Pinghu City covers an area of approximately 8,000m², and the building of 6,000m² is used as a tier-2 automotive parts supplier for eastern China.

生產基地

鄭記集團在國內擁有兩大生產基地。地處華南的廣東清遠工廠佔地面積 60 畝，建築面積 20,000 平方米的廠房主要生產汽車及摩托車的催化器和消聲器以及相關的零部件。另外，位於浙江平湖的配套零部件工廠，佔地約 12 畝，其廠房面積達 6,000 餘平方米，是華東地區汽車配套廠家的二級供應商之一。

Certifications and Standards

Given KK's highly efficient, streamlined business process, as implemented by a top-notch management team, the Company is in constant pursuit of greater customer satisfaction. Both of its manufacturing plants have obtained certification under the ISO/TS16949:2009 quality-management system, which is the most stringent requirement for any producer of automotive products. Additionally, KK has been certified in accordance with the European emission test standards II, III, IV and V.

認證

鄭記集團一貫堅持以客戶的滿意度為宗旨，業務流程高效精簡，管理系統科學嚴謹。兩個製造廠均通過了 ISO / TS16949:2009 汽車行業質量管理體系驗證。鄭記產品更獲得歐盟 II、III、IV、及 V 期的排放測試標準認證。



ISO/TS16949



ISO9001 : 2008



XRF



Leakage Test



Automotive Chassis
Dynamometer Cell



Aging Test Cell



EST Series Dynamometer
Emission Test System



Engine Dynamometer Test Cell

Laboratories

The KK Group has outstanding product-development capabilities in regard to automotive and motorcycle mufflers, catalysts and accessories. The manufacturing plant in Qingyuan City is equipped with an automotive chassis dynamometer laboratory, a motorcycle chassis dynamometer laboratory, an engine dynamometer exhaust emission laboratory and a “light-off” catalyst laboratory. In order to sustain the highest quality standard, it employs high-precision quality-control equipment such as x-ray fluorescence spectrometry (XRF) and coordinate measuring machinery (CMM) in a comprehensive metrology and testing laboratory.

實驗室及質量控制

鄺記集團在產品開發方面具有強大的優勢。在華南工廠內，配備汽車排放底盤測功機、摩托車排放底盤測功機、台架式排放測功機和催化器實驗室。為了保證良好的產品質量，鄺記繼續完善質檢管理的同時，還在高端質檢設備上增加投入，如 X 射線螢光光譜分析儀，該儀器對貴金屬成份能進行有效監管。



Oven



Light Off
Oven



High Speed Pipe Mill



CNC Milling



Laser Cutting



Hydraulic Press
300 ton



Hydraulic Press
200 ton

Manufacturing Capabilities

KK's manufacturing sites are well equipped with production lines ranging from rough-shape cutting, pipe-making and forming to assembly, welding, cutting, molding, plate-making and coating, and on to packaging. In fact, our self-production capability exceeds 90%. The production equipment invested in recent years comprises laser-cutting machines with robotic arms, robotic welders, plasma cutting machines, large-tonnage punching machines, CNC (Computer Numerical Control) machines, pipe mills and so on. The Group has more than 60 engineers and product-development technical specialists in addition to nearly 400 experienced workers, thus comprising a significant asset of talent and capacity.

生產能力

鄭記集團的清遠基地，設備齊全，生產線從開料、制管、成形、裝配、焊接、切割、模具、製板、塗覆乃至封裝，皆可獨立完成，自製產品能力可達百分之九十以上，能為客戶提供一站式的服務。近年投資的生產設備包括機械臂激光切割機、機械臂焊接機、等離子切割機、大型衝壓機、數控機床和製管機等。人才方面，鄭記擁有超過六十人的工程技術團隊，還有四百多位具有豐富經驗的生產工人，是本集團雄厚的技術資本。



Dies and Tooling Warehouse

Achievements

KK has for decades been active in the servicing, installation and maintenance of exhaust systems for trucks, vans and buses in Hong Kong. In 2013, the Kwong Kee Group was awarded contracts by the Hong Kong SAR Environmental Protection Department for the supply of emission-reduction devices for installation in LPG (Liquefied Petroleum Gas)-powered taxis and light buses, thus garnering positive comments from the industry and users by effectively reducing emissions of the vehicles with KK-engineered catalytic converters. Additionally, a newly developed type of DPF cleaning equipment is providing added value and excellent services to meet the demands of customers for the improvement of air quality internationally.

成就

在過去的幾十年間，香港鄭記汽車排氣系統有限公司致力於向香港貨車、客貨車及公共車輛（包括的士、小巴和巴士）的排氣系統提供安裝、維修和保養等服務。2013 年度，香港鄭記獲香港特別行政區政府發出合約，參與特區環境保護署的《更換石油氣的士、小巴催化器及含氧感知器資助計劃》，得到了業界及用戶的高度評價，鄭記產品有效地降低了汽車的尾氣排放，大大提高了空氣的質量，並達到了環保節能的目的。此外，香港鄭記還配備香港首套柴油過濾器的清潔系統，可以滿足市場和客戶對空氣質量不斷提升的需求。

Missions

Our mission is to strive with top-notch management and innovative technology in the production of high-quality automotive exhaust systems. Embracing both variety and quality in products, Kwong Kee continues to build its market share.

承諾

鄭記集管理求新、技術創新、設施更新，品種多元化和高質量於一體，擁有科技、質量和市場的優勢，我們將會不斷成長，繼續為國內外客戶提供更優良的產品和更優質的服務。





Flagship Products

Stamped Box Mufflers

1.01.AD.A400.021B



Audi 2011

A4L 2.0T Front Muffler
奧迪 A4L 2.0T 前段消聲器

1.01.AD.A400.030A



Audi 2011

A4L 2.0T Mid & Rear Muffler
奧迪 A4L 2.0T 中後段消聲器

1.01.AD.0000.025B



Audi

Q7 3.6 Rear Muffler
奧迪 Q7 3.6 後段消聲器

1.01.MG.0000.039B



Audi 1998-2001

A6 Quattro Center Muffler
奧迪 A6 (全時四驅) 中段消聲器

Audi 2002-2005

A4 Quattro Center Muffler
奧迪 A4 (全時四驅) 中段消聲器

1.01.FK.XT00.033B



Citroen

C5 2.0/2.3 Rear Muffler
雪鐵龍 C5 2.0 / 2.3 後段消聲器

1.01.OB.WD00.040A



Changan

Zhixiang 1.6 Center Muffler
長安志翔 1.6 中段消聲器

SAAB 1999-2008

9-5 Center Muffler
薩博 9-5 中段消聲器

1.01.FT.0000.020B



Faw Pentium 1998-2001

B50 Rear Muffler
一汽奔騰 B50 後段消聲器

1.01.FT.0000.022B



Ford 2000-2004

Focus Rear Muffler
福特福克斯後段消聲器

1.01.BK.JR00.033A



GM 2009-2012

Buick Lacrosse 2.4
Rear Muffler
別克君越 2.4 後段消聲器



Flagship Products

Stamped Box Mufflers

1.01.AZ.BS00.117A
1.01.BK.JW00.023A



GM 2009-2012 (Left & Right)
Buick Regal 2.4
Rear Muffler
别克君威 2.4 後段消聲器 (左、右)

1.01.BK.GL00.033B



GM
Buick GL8 Rear Muffler
别克新 GL8 後段消聲器

1.01.MG.0000.048B



Hyundai Truck 2001-2006
Santa Fe Rear Muffler
現代貨車聖達菲後段消聲器

1.01.FT.0000.021A



Mazda Truck 2001-2006
Tribute Center Muffler
馬自達貨車丘比特中段消聲器

1.01.BC.3000.050A



Mercedes Benz 1990-1992
300E Center Muffler
奔馳 300E 中段消聲器

Mercedes Benz 1987-1989

260E Rear Muffler
奔馳 260E 後段消聲器

1.01.BM.0000.034A



Mini Cooper 2005-2008
Rear Muffler
迷你庫巴後段消聲器

1.01.MG.0000.056B



Mini Cooper 2004-2008
Rear Muffler
迷你庫巴後段消聲器

1.01.MG.B000.404A



SAAB
9-3 Turbo 16V Rear Muffler
薩博 9-3 Turbo 16V 後段消聲器

1.01.OB.WD00.050A



SAAB 1999-2000
9-5 Rear Muffler
薩博 9-5 後段消聲器

SAAB 1999-2003

9-5 Rear Muffler
薩博 9-5 後段消聲器



Flagship Products

Stamped Box Mufflers

1.01.BS.0000.080A



Skoda

Octavia 2.0 Rear Muffler
斯柯達明銳 2.0 後段消聲器

1.01.MG.0000.013B



Saturn 2000

LS Rear Muffler
土星汽車後段消聲器

1.01.MG.0000.011B



Subaru 2006-2008

Impreza Center Muffler
斯巴魯翼虎中段消聲器

Subaru 2005,2006-2008

Outback Center Muffler
斯巴魯傲虎中段消聲器

1.01.MG.0000.050A



Volkswagen 2000-2003

Jetta Rear Muffler
大眾捷達後段消聲器

1.01.DZ.GR00.030A



Volkswagen 1998-2004

Beetle Rear Muffler
大眾甲殼蟲後段消聲器

Volkswagen 2001-2005

Jetta Rear Muffler
大眾捷達後段消聲器

1.01.MG.0000.025B



Volvo 1993-1997

850 Rear Muffler
沃爾沃 850 後段消聲器

Volvo 1994-1997

850 Rear Muffler
沃爾沃 850 後段消聲器

1.01.AE.0000.010B



Volvo 2001

V70 Rear Muffler
沃爾沃 V70 後段消聲器

Volvo 2001-2004

S60 Rear Muffler
沃爾沃 S60 後段消聲器

1.01.MG.0000.055B



Volvo Truck 2003-2005

XC90 Rear Muffler
沃爾沃貨車 XC90 後段消聲器



Flagship Products

Manifold Catalytic Converters

1.03.DF.0000.037A



Ford 2005

Focus
Manifold Catalytic Converter
福特福克斯歧管催化器

1.03.DF.0000.038A



Ford

Fiesta
Manifold Catalytic Converter
福特嘉年华歧管催化器

1.03.FT.0000.101A



Ford 2005-2010

Focus 1.8/2.0
Manifold Catalytic Converter
福特福克斯 1.8/2.0 歧管催化器

1.03.DF.0000.102A



Ford

Mondeo 2.3
Manifold Catalytic Converter
福特蒙迪欧致胜 2.3 歧管催化器

1.03.GB.CV00.060A



Honda

Civic
Manifold Catalytic Converter
本田思域歧管催化器

1.03.DF.0000.031A

1.03.DF.0000.032A



Lexus 2006-2009 (Left & Right)

IS250
Manifold Catalytic Converter
雷克萨斯 IS250 歧管催化器 (左, 右)

1.03.DF.0000.045A



Mazda 2003-2005 (Left)

6
Manifold Catalytic Converter
马自达 6 歧管催化器 (左)

1.03.DF.0000.046A



Mazda 2003-2005 (Right)

6
Manifold Catalytic Converter
马自达 6 歧管催化器 (右)

1.03.DF.0000.017A



Nissan 2005 (Front-Left)

Teana 2.3
Manifold Catalytic Converter
日产天籁 2.3 歧管催化器 (前左)



Flagship Products

Manifold Catalytic Converters

1.03.FK.0000.070A



Peugeot 2006

307 2.0
Manifold Catalytic Converter
標緻 307 2.0 歧管催化器

Citoren 2006

C-qatre
Manifold Catalytic Converter
雪鐵龍世嘉歧管催化器

Triumph 2.0
Manifold Catalytic Converter
雪鐵龍凱旋 2.0 歧管催化器

1.03.MG.DF00.113A

1.03.FT.0000.020A

1.03.MG.DF00.114A

1.03.FT.0000.030A



Toyota 2009-2010 (Left & Right)

Highlander
Manifold Catalytic Converter
豐田漢蘭達歧管催化器 (左、右)

Toyota 2009-2010 (Left & Right)

Highlander 2.7
Manifold Catalytic Converter
豐田漢蘭達 2.7 歧管催化器 (左、右)

1.03.MG.DF00.146A

1.03.MG.DF00.147A



Toyota 2004-2009 (Left & Right)

4 Runner GX470
Manifold Catalytic Converter
豐田超霸 GX470 歧管催化器 (左、右)

1.03.FT.0000.011A



Toyota

Corolla
Manifold Catalytic Converter
豐田花冠歧管催化器

1.03.FT.0000.103A



Toyota 2011

Camry 2.0/2.5
Manifold Catalytic Converter
豐田凱美瑞 2.0/2.5 歧管催化器

1.03.MG.DF00.153A



Manifold Catalytic Converter
歧管催化器

1.03.MG.DF00.152A



Manifold Catalytic Converter
歧管催化器

1.03.DF.0000.070A



Manifold Catalytic Converter
歧管催化器

1.03.DF.0000.039A



Manifold Catalytic Converter
歧管催化器



Heat Shield 隔熱蓋



Flanges 法蘭



Cone Head 端蓋



Environmental Pollution Control

Research & Development, Quality Control in Catalytic Converters

The KK laboratory conditions diesel and gasoline engines through the use of an engine dynamometer under varying degrees of load and resistance—but with all other conditions constant—and thus produce specific emission gases. Moreover, by installing various catalytic converters on the test engines, KK's engineers are able to monitor the changes in emission performance as they occur. Consequently, certain assumptions regarding emission output aren't affected by the change of engine capacity because an engine functions in a manner consistent with its design. However, the latest engine technologies, along with the use of low-sulfur diesel fuel, effectively improve the results of emission testing.

KK maintains a quality-control process using an automotive chassis dynamometer to carry out inspections, as intended for the monitoring of product consistency. Accordingly, they ensure that each individual product will perform as intended under the given manufacturing conditions.

催化器技術研發以及質量控制

作為環保企業的一分子，我們深感社會責任重大，因此，鄭記集團秉承質量至上，精益求精的態度，在產品研發領域上不斷投入和創新。不但提高了產品的質量，更提升了社會形象。鄭記實驗室，配備了一系列專業排放測試設備，是專門針對內燃發動機排放控制方面的產品研發。



Diesel Catalytic Muffler System for Double-Decker Buses

KK Pollution Control products in all spectrums

The Three-Way Catalytic Converter (TWCC) is a proven technology that has been used globally to reduce exhaust emissions from modern vehicles by more than 99% relative to what they were before its introduction.

The Diesel Oxidation Catalyst (DOC) is an air-pollution control device that limits the emission of harmful pollutants from a diesel engine. The target gases—which are monitored by governments—generally consist of carbon monoxide (CO), hydrocarbon (HC) and nitrogen oxide (NO_x).

The Diesel Particulate Filter (DPF) is designed to remove the finest soot particulates generated during combustion. Such particulates have been designated as Group 1 carcinogens by the World Health Organization. Given the ability of such soot to penetrate deep into the lungs and blood streams unfiltered, causing permanent DNA mutations, heart attacks and premature death, they are therefore considered the deadliest form of air pollution. However, KK's DPF is able to remove more than 90% of fine particulates from the emission of a diesel engine.

Selective Catalytic Reduction (SCR) is a device that enhances the removal of NO_x from the exhaust output of a diesel engine. It has long been known that NO_x is a great contributor to the formation of smog in the lowest levels of the atmosphere. KK, however, provides a complete system that comprises a urea injection function along with an SCR converter to ensure NO_x removal in stationary as well as transient applications.

鄭記成功研發的產品包括：

汽油車及液化石油氣汽車三元催化器 (TWCC): 該產品歷來被廣範應用，能有效地減少尾氣排放，效能高達 99%。

柴油催化器 (DOC): 空氣污染控制裝置，有助於減少柴油發動機所排出的有害污染物。一般情況下，政府會對以下氣體進行監測：一氧化碳 (CO)、碳氫化合物 (HC) 和氮氧化物 (NO_x)。另外，在柴油機的排放物質中，政府還會對細微粒子 (PM 或俗稱黑煙) 進行監管。

微粒過濾器 (DPF): 減少柴油發動機燃燒後產生的微粒排放量，效能高達 90%。

選擇性還原催化器 (SCR): 配備 DOC 和 DPF 後，再配合尿素系統，能針對性地減少氮氧化合物的排放。該類產品也可被應用在船及非流動設備組淨化系統上。



DPF Cleaning System



Diesel Particulate Filters

Durable Materials with Rugged Construction

All KK catalytic converters are made of either 300- or 400-series stainless steel for outstanding durability and performance under harsh operating conditions. The cellular-monolith substrate is produced from either a special alloy—which can safely withstand operating temperatures of up to 1200°C—or a ceramic material that can tolerate extreme thermal cycling.

產品材質與耐久度

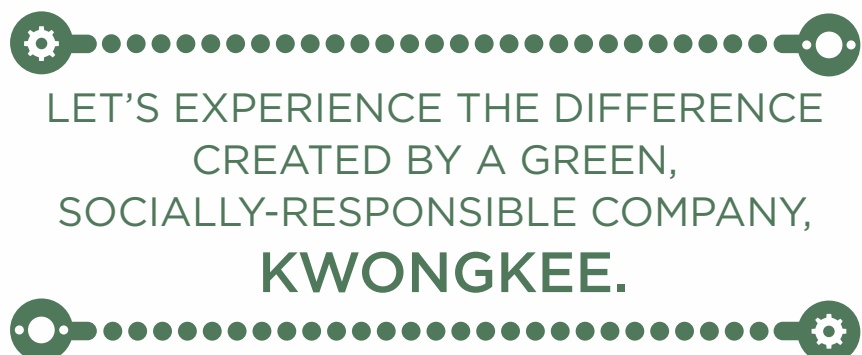
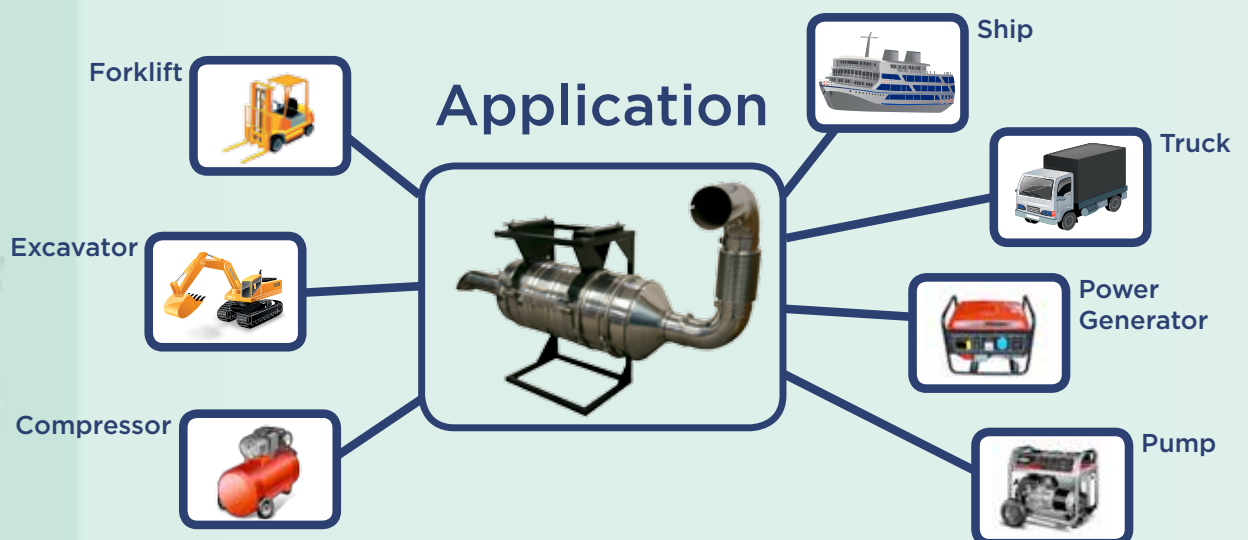
所有裝置均採用 300 或 400 系列的不銹鋼鋼材，內置的壁流式載體由耐高溫合金所製成。此類鋼材即使處於長時間的腐蝕環境及 1200°C 的工作溫度下，也能確保催化器的質量及性能。

Application

KK's catalytic converter is also suitable for emergency power-generator systems, underground mining engines, off-road equipment, forklifts, pumps, vehicles powered by diesel, gasoline (petrol), LPG (Liquefied Propane Gas) and CNG (commonly called city gas), and other systems. The emission requirements, as established by local governments, usually permit a small fraction of pollutants to be emitted into the air. Thanks to comprehensive KK engineering, we're able to provide custom formulations or tailor the existing ones to meet today's most stringent emission standards.

產品應用

鄭記的催化器也適用於緊急發電機組、採礦機、越野設備、叉架起貨機、柴油汽車和泵等。眾所周知，政府對污染空氣的各種排放有嚴格的監控，僅允許少量污染物排放到空氣中，為此，鄭記可根據客戶的不同需求來訂製產品，以配合嚴格排放的要求。





鄭記集團 (Kwong Kee Group)

INSTALLATION SITE

鄭記汽車排氣系統有限公司

Kwong Kee Auto Exhaust Systems Co., Ltd.

香港荃灣德士古道 188-202 號立泰工業中心 1 座地下 A&B 室

Units A & B, G/F., Blk 1, Leader Industrial Centre, 188-202 Texaco Road,

Tsuen Wan, Hong Kong

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Fax: (852) 2409 6708

SALES OFFICE

嘉得利 (香港) 環保有限公司

Catalyst (HK) Environmental Technology Limited

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Tsuen Wan, Hong Kong

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Fax: (852) 2409 6708

HEADQUARTER

鄭記 (清新) 環保排氣系統有限公司

Kwong Kee (Qing Xin) Environmental Exhaust Systems Co., Ltd.

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Qingyuan City, Guangdong Province, P.R.C. 511848

Tel: (86) 763 313 3533

Fax: (86) 763 313 3533 ext.832

OEM MANUFACTURING FACILITY

平湖鄭記汽車零部件有限公司

Ping Hu Kwong Kee Auto Parts Company Limited

中國浙江省平湖市林埭工業園區天成路 368 號

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