

卡特彼勒技术研发(中国)有限公司

卡特彼勒技术研发(中国)有限公司(“卡特彼勒中国研发中心”)成立于2005年,总部位于江苏省无锡市,在无锡、青岛、天津和南通设有分支机构。其中,总部占地面积为31,290m²,建筑面积25,000m²。

卡特彼勒中国研发中心使命是提供具有成本竞争力的世界水平的产品研发和知识产权管理,支持卡特彼勒在中国和其它成长市场中实施其战略。卡特彼勒中国研发中心服务于卡特彼勒在中国的生产设施和供应基地,使卡特彼勒更接近客户,充分利用区域工程技术人才,开发超越客户期望的市场领先产品。

卡特彼勒中国研发中心是一个多功能的技术研发中心,也是卡特彼勒在中国研发资源的中枢。作为卡特彼勒全球研发网络的重要组成部分,卡特彼勒中国研发中心利用自身及全球研发资源,遵循卡特彼勒的研发过程和产品开发的标准,并考虑中国和其它成长市场的特殊要求,为在中国及其它成长市场的卡特彼勒各分部提供产品和工艺开发、产品验证、本地化和技术培训。卡特彼勒中国研发中心还为在中国及其它成长市场提供知识产权管理、人力资源和IT支持等共享服务。



自2009年12月以来,通过四期的建设,卡特彼勒中国研发中心已经成为卡特彼勒全球第二大综合性研发中心,拥有超过30个各类先进实验室和培训设施。设计和研发范围包括中、大型轮式装载机、平地机、履带式推土机、液压挖掘机等整机设计;几十匹马力到3,500匹马力的柴油机以及燃油系统、传动系统、液压系统、电子电气零部件和系统、材料、冷却和后处理等系统的设计、测试和验证;并拥有驾驶舱翻滚保护实验以及系统集成验证能力。此外,卡特彼勒中国研发中心拥有全国最先进、也是工程机械行业首个虚拟仿真实验室。目前,卡特彼勒中国研发中心的工程技术和支持人员近900名。

人才是卡特彼勒非常重要的财富,更是研发中心的核心竞争力。为此,卡特彼勒中国研发中心每年设计和开发大量工程技术类课程用于员工培训,注重员工的技术素质能力的发展,并帮其实现职业目标。

卡特彼勒中国研发中心还专设“领导力和技术发展项目”,给本科以及硕士研究生以上的应届毕业生设计了一至三年的轮岗学习培训计划,其中包含业务培训、轮岗培训、领导力培训、企业文化培训以及海外培训等。该项目旨在为培养制造和工程领域将来的领导者和专家奠定基础。至今已经有近100名学员顺利从这个项目毕业,在各研发团队的岗位上发挥重要作用。

卡特彼勒技术研发(中国)有限公司

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卡特彼勒中国研发中心还积极投身于公益事业。

卡特彼勒中国研发中心于 2012 年起连续三年在无锡市的江南大学设立“卡特彼勒奖助学金”，至今已有 40 位青年才俊为此受益；同时，卡特彼勒中国研发中心赞助多家中学参加由全球知名的非盈利性机构 FIRST 发起的系列科技挑战赛，并为参赛学生提供技术指导。

在汶川和雅安地震发生后，卡特彼勒中国研发中心的员工纷纷慷慨解囊，奉献爱心；除此之外，卡特彼勒中国研发中心还成立志愿者机构，员工们积极参与众多公益项目，包括长期对口帮助无锡洛社民工子弟学校、每年卡特彼勒基金会公益林的建设、福利院孤老送温暖活动以及支持中学生青少年科技节、环境保护活动和校园讲座。

大事记



2005.1

| 卡特彼勒技术研发（中国）有限公司成立。

2005.6

| 卡特彼勒技术研发（中国）有限公司青岛分公司成立。

2007.8

| 卡特彼勒技术研发（中国）有限公司天津分公司成立。

2008.6

| 卡特彼勒技术研发（中国）有限公司无锡分公司成立。

2009.12

| 无锡研发中心一期项目投入使用。

2010

| 获得美国绿色建筑协会对节能环保领先设计评估体系新建筑类别金牌认证 (LEED-NC)。

2011.5

| 无锡研发中心二期项目投入使用。

2011.11

| 卡特彼勒技术研发（中国）有限公司总部迁至无锡。

2012

| 被认定为“技术先进型服务企业”。

| 获得无锡新区管委会颁发的“无锡新区创新创业奖”。

| 被江苏省政府评为“跨国公司在江苏省功能性机构”。

| 被江苏省政府评为“江苏省省级外资研发机构”。

2012.6

| 无锡研发中心三期项目投入使用。

2013

| 获得无锡市政府颁发的“无锡市外包发展贡献奖”。

| 获得卡特彼勒“可持续发展董事会主席奖”。

| 荣获《环球科学》颁发的“中国十大最具影响力研发中心”称号。

2013.11

| 无锡研发中心四期项目投入使用。

2014

| 荣获无锡新区管委会授予的“无锡新区优秀企业”称号。

| 荣获中国国际投资促进协会颁发的“中国服务外包领军企业 20 强”称号。

| 再次被认定为“技术先进型服务企业”。

| 多个实验室获中国合格评定国家认可委员会 (CNAS) 认证 (ISO 17025)。

Caterpillar R&D Center (China) Co., Ltd

Established in 2005, Caterpillar R&D Center (China) Co., Ltd. (Caterpillar China R&D Center) is headquartered in Wuxi, Jiangsu Province and has branches in Wuxi, Qingdao, Tianjin and Nantong. The headquarters has a land area of 31,290 square meters and a construction area of 25,000 square meters.

The Caterpillar China R&D Center aims to provide cost-competitive, world-class research and development and intellectual property management services to support the implementation and execution of Caterpillar's strategies in China and other growth markets. It supports Caterpillar's manufacturing facilities and supplier bases in the region, allowing Caterpillar to get closer to customers and take advantage of regional engineering talents to develop market-leading products beyond customers' expectations.

Caterpillar China R&D Center is a multifunctional research and design (R&D) center and the hub of Caterpillar's R&D resources in China. As an integral part of Caterpillar's global R&D network, Caterpillar China R&D Center leverages its own and Caterpillar's global R&D resources and follows Caterpillar's R&D processes and product development standards to provide product and process development, product validation, localization and technological training based on the unique requirements of China and other growth markets. The center also offers shared services such as intellectual property management, human resource functions and IT support to Caterpillar facilities in China and other growth markets.



Since December 2009, after building of four phases, Caterpillar China R&D has become the second largest comprehensive R&D center of Caterpillar worldwide, which boasts more than 30 various state-of-the-art laboratories and training facilities. Caterpillar China R&D center designs middle and large wheel loaders, motor graders, track-type tractors and hydraulic excavators, it designs, tests and validates diesel engines ranging from a few dozen horse power to 3,500 horse power, fuel systems, drivetrains, transmission systems, hydraulic systems, electrical components, systems and materials as well as cooling and after-treatment systems. It is also able to conduct operation station protection tests and machine integration validation. Caterpillar China R&D Center owns China's most advanced virtual reality lab, which is also the first in China's construction machinery industry. The R&D center has around 900 employees, including engineering technicians and support staff.

Talent is a very important asset to Caterpillar and one of the core competitive advantages of the R&D center. Caterpillar China R&D Center designs and develops various engineering and technical training programs to help young talents grow their technical capabilities and strive for their career excellence every year.

Caterpillar China R&D Center has introduced a Leadership & Technical Development Program to provide one to three years of rotational training for new graduates, including business training, on-job training, leadership training, cultural training and overseas training. The program aims to lay the foundation for cultivating future leaders and technical experts in the manufacturing and engineering sectors. So far, around 100 trainees have graduated from this program to play important roles in their R&D positions.

Caterpillar R&D Center (China) Co., Ltd

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Corporate social responsibility

Caterpillar China R&D Center also actively engages in social responsibility activities.

Caterpillar China R&D Center has established a Caterpillar scholarship at Jiangnan University, Wuxi for three consecutive years since 2012, and 40 outstanding students have benefited from the scholarship. The R&D Center also sponsors and provides technical guidance to students from local middle schools who participate in science and technology championships initiated by the world-renowned non-profit organization FIRST.

The employees of Caterpillar China R&D Center have donated to Wenchuan and Ya'an earthquake relief efforts after these two earthquakes. The R&D Center has set up volunteer organizations and employees have been actively participating in many charity projects, such as helping students from Wuxi Luoshe Migrant School, the annual tree-planting for the Caterpillar Foundation Charity Forest, spending time with the elderly in charity houses and supporting middle school students in youth science festivals, environmental protection initiatives and campus lectures.

Milestones



2005.1

- | The Caterpillar China R&D Center was founded.

2005.6

- | The Qingdao Branch was established.

2007.8

- | The Tianjin Branch was established.

2008.6

- | The Wuxi Branch was established.

2009.12

- | Wuxi R&D Center phase I in operation.

2010

- | Obtained the Leadership in Energy and Environmental Design (LEED) New Construction Gold Certification given by the U.S. Green Building Council.

2011.5

- | Wuxi R&D Center phase II in operation.

2011.11

- | The headquarters of Caterpillar China R&D Center moved to Wuxi.

2012

- | Certified as Technical Advanced Service Enterprise.

Awarded the Innovation and

- | Entrepreneurship Award by Wuxi New District.

Named Functional Institution of

- | International Companies in Jiangsu Province by Jiangsu Provincial Government.

Named Certificated Foreign Invested

- | R&D Center in Jiangsu Province by Jiangsu Provincial Government.

2012.6

- | Wuxi R&D Center phase III in operation.

2013

- | Named Wuxi Outstanding Outsourcing Service Provider by Wuxi Municipal Government.

- | Won Caterpillar Chairman's Award for Sustainability.

- | Named one of Top 10 Most Influential R&D Centers in China by the Chinese version of *Scientific American*.

2013.11

- | Wuxi R&D Center phase IV in operation.

2014

- | Selected as a Model Enterprise in Wuxi New District by Wuxi New District.

- | Named one of China's Top 20 Leading Outsourcing Service Provider by China Council for International Investment Promotion.

- | Certified as Technical Advanced Service Enterprise again.

- | Multiple laboratories obtained the China National Accreditation Service for Conformity Assessment (CNAS) Certificate (ISO 17025)17025).