

천일금형사

Mold Division & Technical Center

대구광역시 달서구 성서공단로21길 2 (갈산동)

Tel : 053-381-1001 Fax : 053-383-0055

2, Seongseo gongdan-ro 21gil, Dalseo-gu, Daegu, Korea

Tel : 82-53-381-1001 Fax : 82-53-383-0055

(주)엔씨아이

Injection Molding Division & Technical Center

대구광역시 달서구 성서서로15길 30 (월암동)

Tel : 053-751-1001 Fax : 053-583-4104

30, Seongseo seo-ro 15gil, Dalseo-gu, Daegu, Korea

Tel : 82-53-751-1001 Fax : 82-53-583-4104

www.ci1001.net
nci.bizdaegu.kr

Mold Division, Technical Center & Inject Molding Division, Technical Center





세계적인 기술을 위한 **천일금형사 · (주)엔씨아이**의
새로운 도약이 시작됩니다.



History



1977.07	1995. 04	1996.05	2001. 12	2003. 01
천일금형사 창립 Establishment of CI tech	경창산업(주) 1등급 공장선정 Kyung chang Industrial Corporation was selected as first class factory	천일금형사 (금형사업부, 사출사업부)분리 CI tech was divided into molding division and injection division	SQ인증 (사출사업부) SQ certification (Plastic Injection)	금형기술연구소 설립 Establishment of Mold Technology R&D Lab
1980.05	1995. 12	1996.05	2002. 11	2004. 05
LG전자(주) 거래개설 경창산업(주) 거래개설 Business relationship with LG Electronics Co., Ltd and Kyung chang Industrial Corp.	LG전자(주) 우수협력업체 선정 Selected as the best outsourcing vendor of LG Electronics	사출사업부 확장이전 Expansion and relocation of injection division	선도중소기업 - 대구광역시 Leading S&M business award	SQ인증 (금형사업부) SQ certification (Mold)

CEO MESSAGE



대표 이사 **김 현 수**

천일금형사 · (주)엔씨아이에 관심을 가져주신 모든 분들께 감사드립니다.

1977년 창립 이래 철저한 품질관리, 기술개발 및 보다 많은 재투자로 인하여 중, 소형 전자 제품 금형 및 자동차 금형등의 정밀금형, 플라스틱 사출업체로서 동종업체 중 일류기업으로 성장해 해왔습니다. 우리기업이 지금과 같이 성장한 것은 모두 고객 여러분의 힘이었습니다. 이에 천일금형사 · (주)엔씨아이는 고객의 성공이 곧 천일금형사가 초일류기업으로 가는 바탕이라 생각하고, 고객님의 요구충족과 향상된 제품을 위하여 항상 최선을 다하여 매진 할 것입니다.

또한 천일금형사의 임직원 모두 우리제품에 대한 대단한 자부심을 가지고 있지만, 지금에 자만하거나 안주하지 않고 보다 나은 제품을 만들기 위해 지속적으로 노력하고 있습니다.

천일금형사 · (주)엔씨아이는 고객님들의 성공에 기여할 준비가 되어있습니다.

천일금형사 · (주)엔씨아이는 21C를 이끌어 나가는 초일류 글로벌 기업이 되기 위하여 만전을 기할것을 약속드립니다.

CI tech Co., is making a new challeng aiming at the world - class level of technology

Thank you for your interest in our company, CI tech · NCI Co., Ltd. Since its establishment in 1977, our company has put a lot of effort to ensure strict quality control, technology development and place a significant reinvestment on technology, and as a result, we have grown into a leading company in the field of metallic molding of mid to small size electronic products, vehicles and plastic injection mold. We know that this is possible only because of our customer's support. CI tech · NCI Co., Ltd understand that our customer's success is what will make us to become one of the most prominent companies, therefore we are committed to meet customer's needs and provide the highest quality products.

Also, all employees of CI tech are very proud of the quality of our products but we won't get our pride get in the way and settle for what we can offer for now. We continuously devote ourselves to provide state- of -the- art with the highest quality products.

CI tech · NCI Co., Ltd are ready to contribute to customer's success.

CI tech · NCI Co., Ltd will be strived to become the most leading and prominent mold manufacturer in 21st century.



2004. 07

금형사업부
확장이전

Expansion and relocation
of Molding Division

2007. 12

모범중소기업상
-대구중소기업청

Received exemplary small
and medium business award
by Daegu Small and Medium
Business Administration

2007. 07

우수기술인상(이사:김상수)
-대구중소기업청

Best of Technology Award
(Director: Sang-soo Kim) by
Daegu Small and Medium
Business Administration

2008. 12

중소기업대상 최우수상
- 대구광역시

Selected as a winner of small
and medium business of the
year by Daegu

2009. 03

모범납세자 표창
- 기획재정부 장관

Awarded as Best and
Exemplary Compliant Tax
Payer by Ministry of Strategy
and Finance

2011. 09

사출사업부 법인전환
- "(주)엔씨아이"로 변경

Plastic injection division converted
into a corporation-changed name
to NCI Co., Ltd

2012. 12

천일금형사 · (주)엔씨아이
확장이전

Expansion and relocation of
CI tech and NCI Co., Ltd

2013. 10

착한기업(공정일터)선정

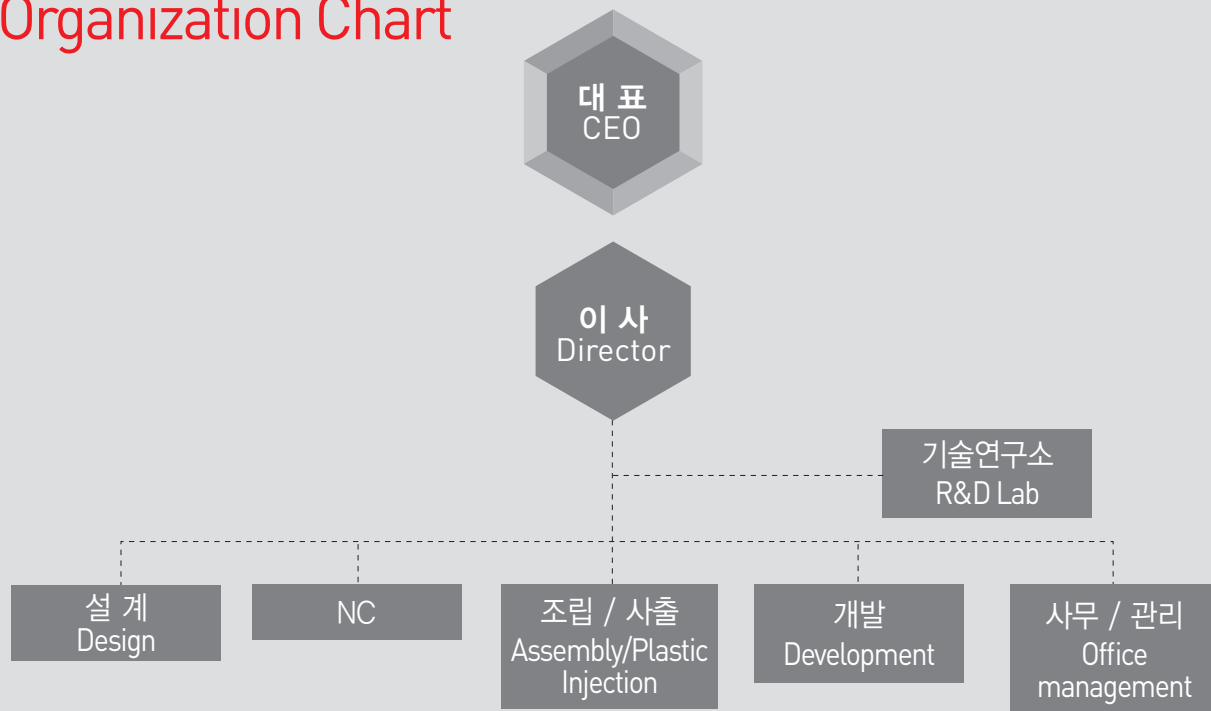
Selected as "Good Company"-
one of the best places to work
for.

managing innovation

천일금형사 조직도

CI tech

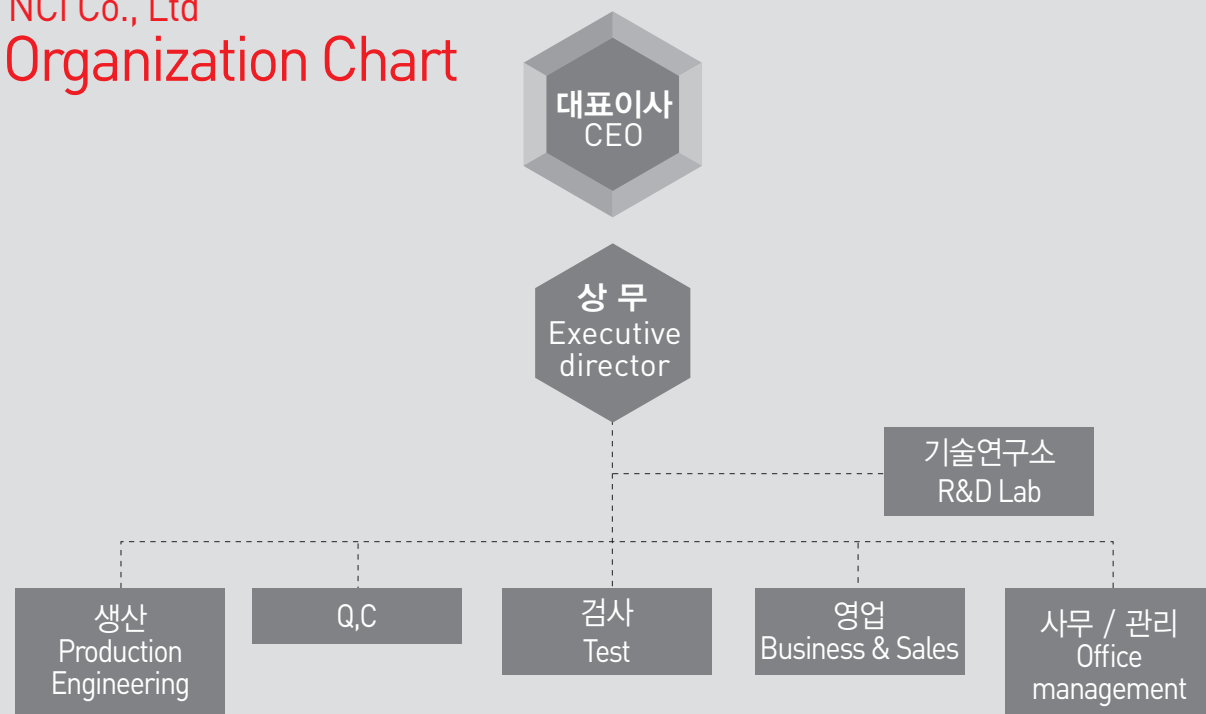
Organization Chart



(주)엔씨아이 조직도

NCI Co., Ltd

Organization Chart



Certificates

열정과 끊임없는 연구개발로 다수의 인증과 특허 등록을 보유하고 있으며,
이에 만족하지않고 앞으로 계속 노력해 나갈 것입니다.

We are proud to present numerous certificates and patents obtained through passion and continuous research and development activities, and promise to continue to put forth our best effort.



ISO 9001
ISO 9001 certification



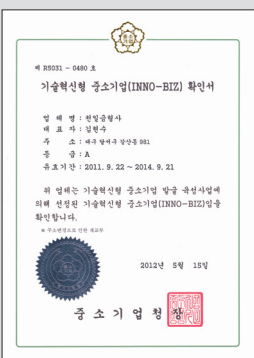
ISO 14001
ISO 14001 certification



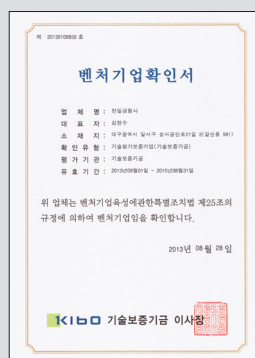
SQ인증(사출)
SQ certification
(Plastic Injection)



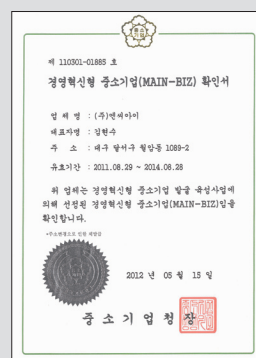
SQ인증(금형)
SQ certification
(Mold)



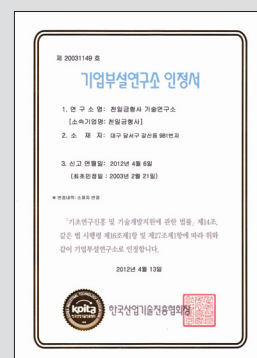
INNO - BIZ(기술혁신 중소기업)
INNO-BIZ(Innovative
technology small and medium
business)



벤처기업확인서
Venture company confirmation



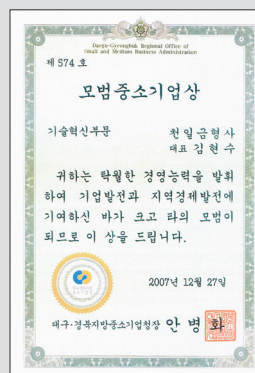
경영혁신 중소기업
Innovative management
S&M business



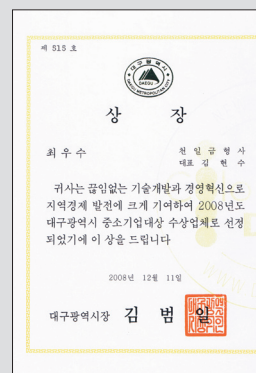
기업부설연구소인증
Affiliated research institute
certificate



선도중소기업상
Leading S&M
business award



모범중소기업상
Exemplary S&M
business award



중소기업대상
S&M business of the
year award



착한기업(공정일터)인증
Good business certificate
(fair workplace)

TOWARD ONE VISION

The new technology *R&D Center*

천일금형사 · (주)엔씨아이는 시작부터 완성품까지
품질에 대한 모든 책임을 보장하겠습니다.

CI tech and NCI Co., Ltd
guarantee the quality of products
from the start to the end product.

High Technology

제품제작전 컴퓨터를
통한 자체 부품설계,
비용절감, 품질개선을
시행합니다.

Analysis

실제작시 발생하는
예상문제점을 확인,
보완하여 설계에
적용

Design

3D설계 3차원
부품설계 금형설계로
문제점 점검

Test

3D스캐너, 고성능장비
등을 이용하여 성능
시험



연구 장비

제품 제작 전 컴퓨터에 의한 설계, 해석 및 시험을 통해 자체 부품설계, 비용절감,
품질개선, 생산성 향상 및 신뢰도 향상에 기여

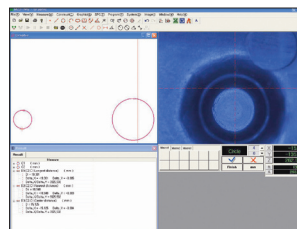
측정 장비
Measuring
Equipment

측정
프로그램
Measuring
Program

CAE
equipment



3D 측정기 (3D Measuring Instruments)



M2D-IMG

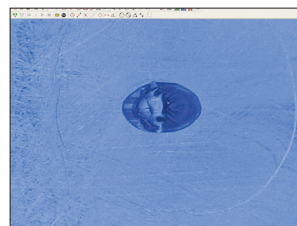
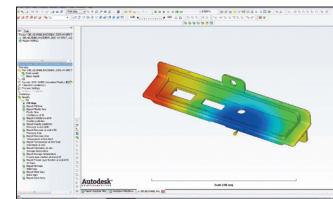
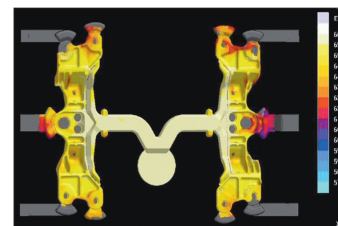


IMAGE WARE



MOLD FLOW



CAST FLOW



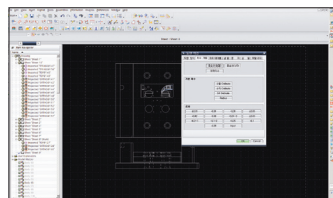
2002	가스사출 성형용 금형 및 성형기술 Gas assisted injection molding and injection molding technology
2005	엔지니어링 플라스틱 선루프용 프레임 금형개발 Development of molding for engineering plastic sunroof frame
2007	금형성형부 코팅을 통한 유리섬유 함유 엔지니어링 플라스틱 금형의 품질개선 Quality improvement of engineering plastic molding containing glass fibers by coating the injection molding section
2007	질소 Gas 성형을 이용한 자동차 선루프 일체형 디플렉터 금형 개발 Development of the integrated vehicle sunroof deflector mold by nitrogen gas assisted molding
2007	자동차용 엘라스트머 내구성 향상 기술 개발 Development of elastomer durability improvement technology for motor vehicles
2009	자동차 파노라마 선루프 일체형 생산을 위한 Glass-in Mold Type IMA 성형 기술개발 Development of Glass-in Mold Type IMA molding technology for integrated panoramic sunroof production for motor vehicles.
2010	충돌 상해 방지를 위한 지능형 조정식 페달시스템 개발 Development of adjustable pedal system with intellectual property for injuring collision prevention
2011	지능형 자동차 상용화 기반구축사업 Infrastructure project for commercialization of intelligent motor vehicles
2011	3차원 냉각을 사용한 Heat & Cool 고중량, 고광택 일체형 One - shot 금형 개발 Development of integrated heat&cool heavy weight and high polish One-shot mold using 3dimention cooling
2013	비정상 급가속 방지시스템을 전자식 가속페달 모듈 개발 Development of electric accelerator pedal module for abnormal brake throttle override



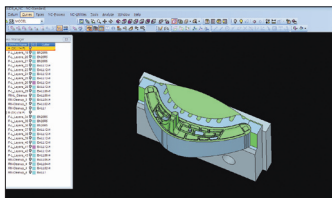
Lab equipment

Design, analysis and tests of a product conducted by a computer before manufacturing contribute to internal component designing, reducing costs, and improvement of quality improvement , enchantment of productivity and reliability.

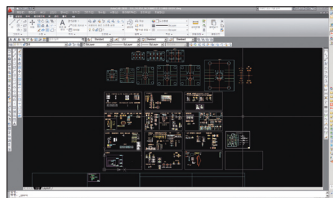
CAD/CAM equipment



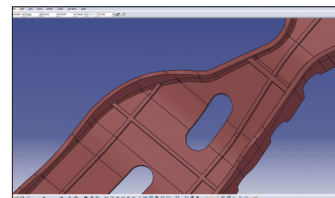
ART MOLD



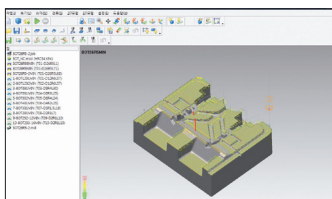
CIMATRON



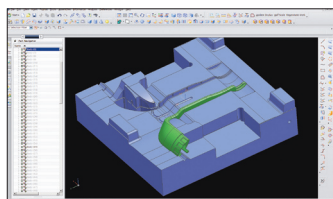
AUTOCAD



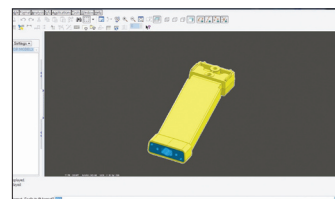
CATIA



NC BRAIN



UNIGRAPHICS NX



PRO / ENGINEER

Manufactured World Class Product
Mold

최첨단 금형제작 업체로서 축적된 기술과 폭넓은 기술력을 바탕으로 지속적인 연구개발과 미래에 대한 투자로 기술최고, 품질최상의 제품을 생산합니다.

5축 가공기

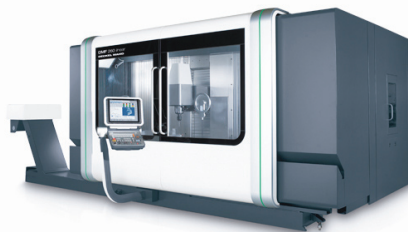


3차원CAD, CAM, CAE, CNC고속밀링 머신, CNC 고속광택방전가공기 등, 최고의 첨단설비와 보다 나은 금형을 만들기 위한 모든 임직원들의 노력이 합쳐져 완벽한 금형생산에 만전을 기하고 있습니다.

- 천일금형사 임직원 일동 -

All staffs and executives are putting their best efforts to insist the aim of mold production for perfection using state of the art machines such as 3Dimension CAD,CAM, CAE, CNC high speed milling machine and CNC high speed polishing electrical discharge machine.

- All mold personnel -



5축가공기
5 axis machining center



머시닝센터
Machining Center



CNC 방전기
CNC Electric Discharge Machine



CNC 와이어
CNC Wire

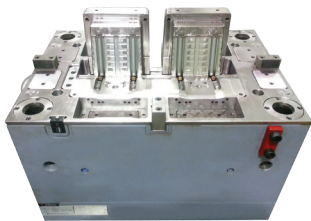
CI tech is a state of the art mold manufacturing company that produces the highest quality products with best technologies in the field, which can be done by consistent research and development activities and investment for the future based on the accumulation of broad- based technological capabilities.



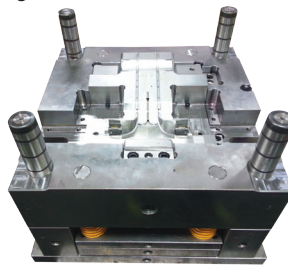
천일금형사 현장 Inside of CI tech plant

생산금형
Production of components

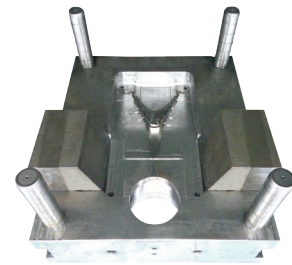
전자 / 자동차 / 다이캐스팅
Electronics, motor vehicles, diecasting



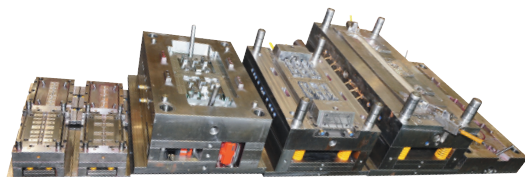
전자금형
Electronic mold



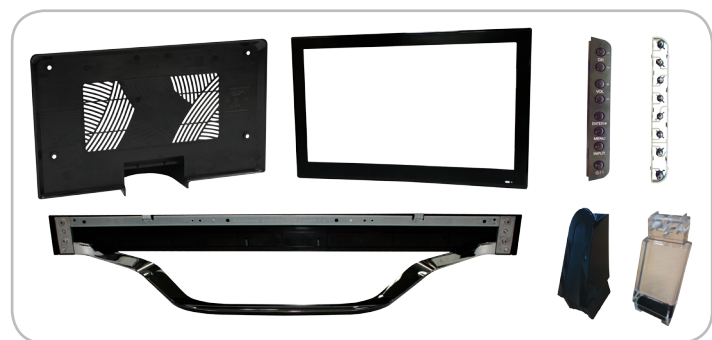
자동차금형
Motor vehicle mold



Diecasting 금형
Diecasting mold



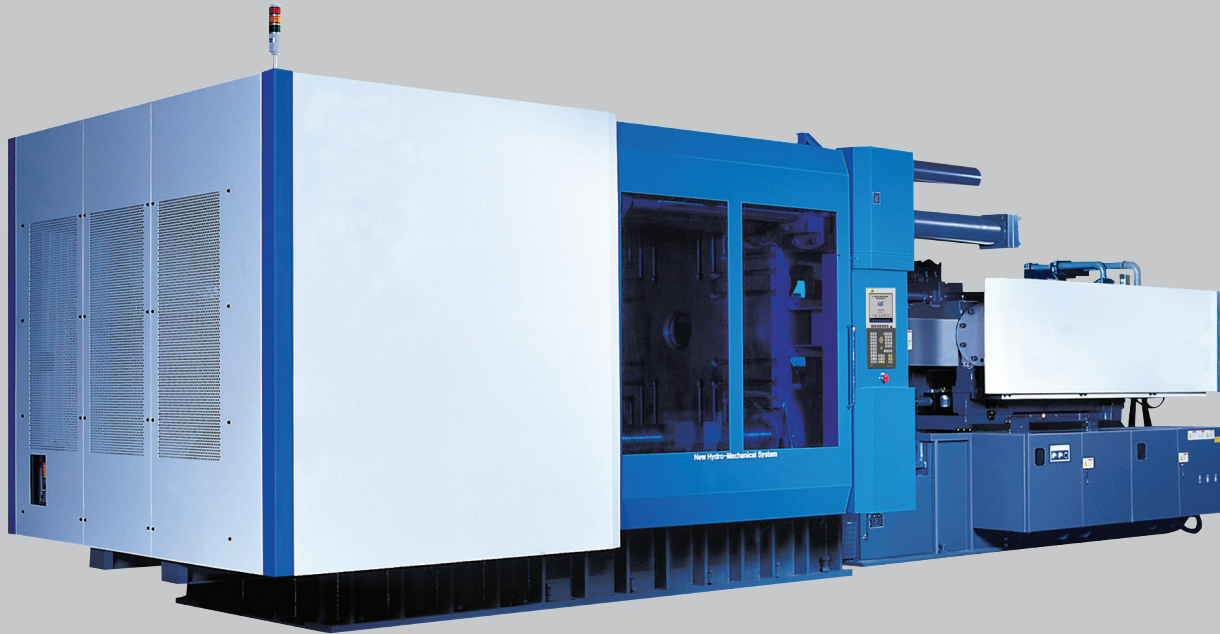
전자제품 금형 및 자동차 부품 금형
Electronic product molds and auto parts molds



전자부품 Electronic components

Manufactured World Class Product
injection molding

최고의 기술력과 품질무결점을 향한 (주)NCI의 무한
질주는 21C에 더욱 빨라집니다.



최고의 기술력과 품질무결점을 목표로 전직원이 하나되어 최선을 다하고, 고객이 신뢰하며 사회와 함께 발전하는 진취적인 회사. 사원 모두가 혁신적이고 창조적인 도전의식을 가지고 이를 공지로 삼는 열린회사. 이런 회사를 유지하기 위해 (주)엔씨아이의 모든 임직원은 노력 할 것입니다.

— (주)엔씨아이 임직원 일동 —

All members of our company promise to put our best efforts to accomplish goals, which are to achieve the highest technology capabilities and zero defect of quality, to be a company trusted by customers, to be a progressive company contributing to society and to be a company welcoming innovative, creative and challenging spirits from all employees.

All personnel from NCI Co. Ltd



NCI Co. Ltd's unlimited challenges for the best technology capabilities and zero defect of quality will be accelerated in 21st century.



NCI 현장 Inside of NCI Plastic Injection plant

생산부품
Production of components

자동차 부품류 - Auto parts

