



**Casting (Sand, Investment), Machining,
Hot Forging, Enamel Coating**





SCM 글로벌 Global SCM

회사 소개 Company Brief Introduction



SCM Vietnam

- Established in 2014
- Green sand casting, Investment casting, Forging, Machining and Heat treatment



SCM Thailand

- Established in 2023
- Enamel and Ceramic coating



SCM Korea (HQ)

- Established in 1960



SCM China

- Established in 2006
- Investment casting and Machining

연혁 About SCM History



1960
SCM was established in Korea



2006~2007
In Dalian China started a new sand casting factory. The company passed IATF16949 certification.

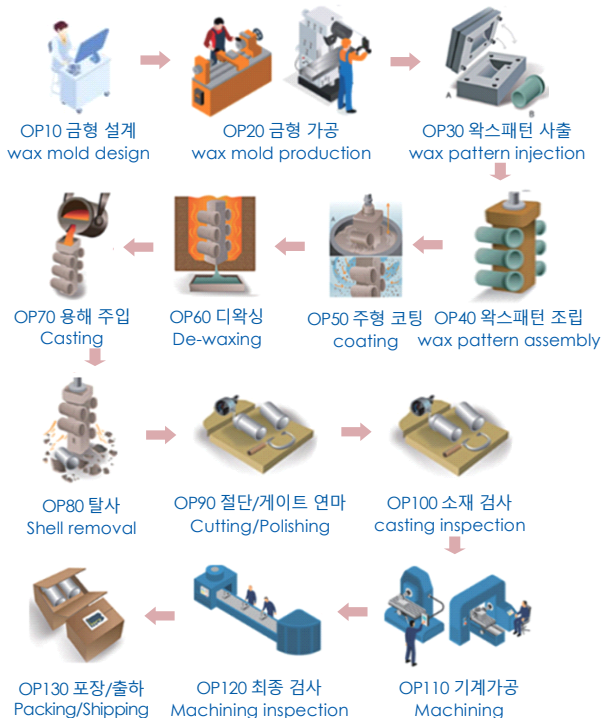
2014~2018
SCM Vietnam was established for sand casting. SCM Dalian set up investment casting line. Business division of the head office was completed.



2019~ Present
SCM Dalian obtained the National High-tech Enterprise certificate and has obtained 36 patents, meanwhile applications of 7 more patents are ongoing. SCM Dalian obtained the Integration of Informatization and Industrialization Management System Certificate. Investment casting lines are established in SCM Vietnam plant.

정밀주조 사업부 Department of Investment Casting

프로세스 Investment casting process

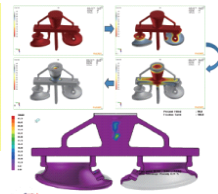
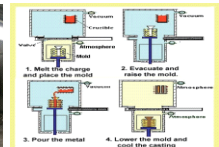


설비 현황 Equipment & Capacity

					
Electric Furnace		Wax injection		Machining	
Facilities	Standard	Facilities	Standard	Facilities	Standard
Electric Furnace	6	Injecting machine	26	MCT	54
Monthly Capacity	1,050 Tons			CNC Lathe	12



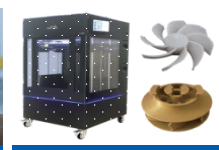
· Casting system :
2-Chamber(2-Zone)system
(Casting chamber, mold chamber)
· Material :
Inconel 713C, Inconel 713LC,
Inconel 718



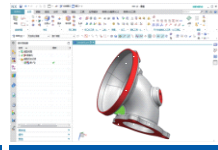
Procast simulation



3D Scan



3D Print



3D Design, Tooling Design

주요 제품 구성
Main products constitution

자동차 부품
Automotive parts



펌프 / 밸브 부품
Pump/Valve parts



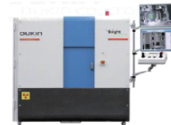
변속기 부품
Transmission parts



품질 관리
Quality Control



Spectrometer



Industrial CT



CMM



Magnetic particle testing



Porosity detection



Universal testing machine

품질 인증 현황
Quality certificate



SQ MARK Certificate



DUNS Certificate



IATF16949 Certificate



High-tech Enterprise Certificate



Integration of informatization and industrialization Management System Certificate



Excellent Supplier Certificate

사형주조 사업부 Department of Sand Casting

프로세스 Sand casting process



설비 현황 Equipment & Capacity



Facilities	Standard
Electric Furnace	2
Monthly Capacity	3,600 Tons



Facilities	Standard
Disamatic Line	2



Facilities	Standard
MCT	4
CNC Lathe	1



Facilities	Standard
Core press	10



Facilities	Standard
Shot blast machines	6
Dust collector	14

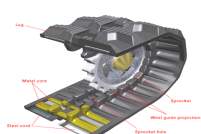


주요 제품 구성 Main products constitution

자동차 부품 Automotive parts



크롤러 부품 Crawler parts



품질 관리 Quality Control



Spectrometer



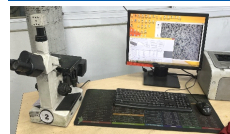
Multi-functional handheld 3D scanner



CMM



Nodularity Tester



Metallographic microscope



X-RAY

품질 인증 현황 Quality certificate



IATF CERTIFICATE



ISO 14001



Trusted Product Service 2024



Top 10 Vietnam Brand 2024



열간단조 사업부 Department of Hot Forging

프로세스 Hot forging process



설비 현황 Equipment & Capacity



Facilities	Standard
CAPA Machine	1,600 Tons
Monthly Capacity	250 Tons



Facilities	Standard
CAPA Machine	3,000 Ton
Monthly Capacity	500 Tons

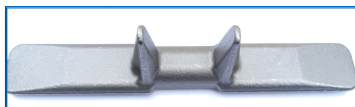
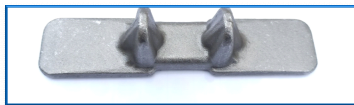
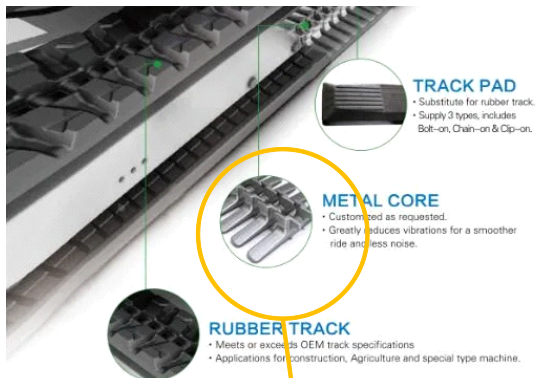


Facilities	Standard
Machine Q'ty	1 Line
Monthly Capacity	350 Tons



Facilities	Standard
Machine Q'ty	2 Line
Monthly Capacity	700 Tons

주요 제품 구성 Main products constitution



품질 관리 Quality Control



X-RAY



Multi-functional handheld 3DScanner



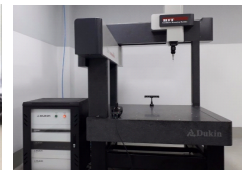
Bending Test



Brinell & Rockwell hardness



Porosity Detection



CMM

코팅 사업부 Department of Coating

프로세스 Enamel coating process



설비 현황 Equipment & Capacity



Dry Oven

Equipment	Q'ty	Specification		
		Temperature	Speed	Other
Dry Oven #1	1	200°C ~ 300°C	7 m/min	Lenth 20 m
Dry Oven #2	1	700°C ~ 750°C	1.6 m/min	Lenth 25 m



Spray Booth

Equipment	Q'ty	Specification	
		Pressure	Other
Spray Booth	10	0.5MPa	Nozzle 1.5mm



Drilling Machine

Equipment	Q'ty	Size of Drill Bit
Drilling Machine	4	12 mm



Shot Blast



Dust Collector

Equipment	Q'ty	Specification	
		Pressure	Other
Shot Blast	2	-	3/12HP
Dust Collector	3	0.6MPa	10,000m ³ /h

주요 제품 구성 Main products constitution

가전 제품 Home appliance



품질 관리 Quality Control



Salt Spray



Vernier Caliper



Gloss Meter



Coating Thickness Gauge



Height Gauge



Color Meter

품질 인증 현황 Quality certificate



GERMAN CERT
Quality Management System Certificate



GERMAN CERT
Environmental Management System Certificate



GERMAN CERT
OHS& Management System Certificate



연구 & 개발 R & D

연구소 Research Institute



Research Institute

- Established in 2023
- Project : Develop of vacuum investment casting, Design of vacuum investment casting induction furnace, Research & casting method (Investment casting, sand casting) Standardized design, Research & SCM's own brand development (Pump, etc.)
- 진공정밀주조[Vacuum Investment Casting] 제품 개발 및 진공주조유도로 설계, 연구 & 주조공법(정밀주조, 사형주조)표준화 설계, 연구 & SCM 자체 브랜드 개발(Pump류 등)



연구 개발 장비 Research and Development equipment



Equipment	Qty	Purpose
Vertical NC machining center (MCT)	5 SETS	Mold / JIG Manufacturing
Surface Grinder	1 SETS	1,050 Tons



Equipment	Qty	Purpose
Electric spark machine	1 SETS	Mold / JIG Manufacturing
Wire cutting	1 SETS	Mold / JIG Manufacturing
Milling machine	1 SETS	Mold / JIG Manufacturing
Radial drilling machine	1 SETS	Mold / JIG Manufacturing



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