

DANIELI GROUP 达涅利集团简介



DANIELI THE RELIABLE INNOVATIVE PARTNER IN THE STEEL INDUSTRY

GROUP FIGURES: turnover >2,800 million €/year, employees ~11,000 around the world

在钢铁行业中，达涅利是一家可信赖并具有持续创新的公司

集团分布年营业额超过 28 亿欧元； 全球总雇员约 11000 人；

DANIELI CENTRO COMBUSTION (DCC&DFO) 达涅利森特罗加热炉公司



The Company of the Danieli Centro Combustion devoted to: HEATING & HEAT TREATMENT OF STEEL AND ALUMINIUM, Engineering, Services, Proprietary, Burners, Turnkey Projects

达涅利森特罗加热炉致力于： 各种钢材和铝材的加热及热处理。工程服务， 专利烧嘴， 交钥匙工程。

DANIELI CENTRO COMBUSTION COMPANY MILESTONES 达涅利森特罗加热炉公司发展纪事

1990- Company Establishment: Walking Hearth & Walking Beam Furnaces 公司建立： 步进辊底&步进梁炉

1997- First Roller Hearth Furnaces applied to Thin Slab Rolling 应用于薄板坯轧制的第一个辊底炉

1999- First Continuous Annealing Furnaces for strip processing 第一台用于带钢处理线的连续退火炉

2004- Turnkey Rotary Hearth Furnace in Brazil 巴西交钥匙的环形炉

2007- Start-up of a Walking Beam Furnace 180 tph for Beam Blanks on a Heavy Section Mill 重型型钢轧机配套--180 吨/小时的步进梁炉

2008- DANIELI CENTRO COMBUSTION INDIA (Pune, India) the gate to SAARC market 森特罗加热炉印度公司成立

2012- A brand new COMBUSTION RESEARCH CENTER inaugurated at Engineering campus of Italian University 全新的森特罗燃烧技术研发中心在意大利热那亚大学成立

2012- Acquisition of OLIVOTTO FERRÈ (DFO). 80-years experience in Heat Treatment of Steel, Aluminium, Copper & Brass 收购 OLIVOTTO FERRE (DFO)， 一家在钢铁， 铝材， 铜材热处理 拥有 80 年经验的公司（简称 DFO）。

2013- DANIELI CENTRO COMBUSTION CHINA 达涅利森特罗加热炉中国公司在北京成立。

DANIELI CENTRO COMBUSTION WORLDWIDE OFFICES 达涅利森特罗加热炉公司世界范围内机构

HEAD OFFICE Genoa, Italy 意大利热那亚总部

OLIVOTTO FERRE' Turin, Italy 意大利都灵 OLIVOTTO FERRE' 分部

CORPORATE OFFICE Milan, Italy 意大利米兰办公室

RESEARCH CENTER Savona, Italy 意大利萨沃那研究中心

CENTRO COMBUSTION INDIA 达涅利森特罗加热炉印度

CENTRO COMBUSTION CHINA (DCC2H) Beijing, Jinan, Changshu, Shanghai P.R. of China

达涅利森特罗加热炉中国， 北京， 济南， 常熟， 上海

The out bursting market of China required the establishment of a local branch. It is taking advantage of Danieli China organization, with its workshops, productive offices and marketing network. The Chinese branch takes care of the local market as well as support DCC/DFO in specific services.

为了迎合中国市场的需求，在中国设立了专门的加热炉事业部。充分利用了达涅利中国的有效益优势，例如其在国内的设备加工厂、事业部及其市场网络等。中国事业部主要进行国内市场的开发、并协助 DCC/DFO 针对客户的需求进行特定的服务。

Danieli China Plant (Workshop) 达涅利集团中国工厂

DANIELI Metallurgical Equipment (Beijing) Co., Ltd. 达涅利冶金设备（北京）有限公司

Start of operation: October 2005 开始运营时间: 二零零五年十月

Employee: over 700 员工: 七百多人

Assembly workshop: 15,000 m² 装配车间: 一万五千多平米

Technical and adm office: 8,000 m² 技术及总务办公室: 八千多平米

Total Surface: 25,000m² 占地总面积: 二万五千多平米

DANIELI Changshu Metallurgical Equipment and Service Co., Ltd. 常熟达涅利冶金设备有限公司

Start of operation: October 2007 开始运营时间: 二零零七年十月

Employee: over 1400 员工: 一千四百余人

Carpentry workshop 焊接车间: 10,000 m²

Machining workshop: 机加工车间: 20,000 m²

Assembly workshop: 装配车间: 55,000 m²

Technical and adm office: 技术及行政管理部门: 12,000 m²

DCC Combustion Research center DCC 燃烧研究中心

2 COMBUSTION RESEARCH CENTER

COMBUSTION RESEARCH CENTER
燃烧研究中心



Experimental tests and fine-tuning @ CRC Combustion Research Center inside Engineering Campus of Genoa University
位于热那亚大学工程学院达涅利索特罗加热炉研究中心-用于实验测试与精调--

Facoltà di Ingegneria
Università degli Studi di Genova

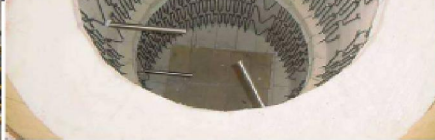
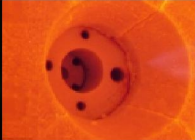
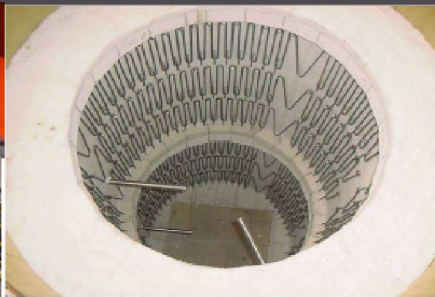
Different furnaces, fuel tanks, WTP and relevant automation system (gas fired or electrical)
测试分析各种加热炉、燃料罐、WTP及自动化控制系统(气炉或电炉)

CRC is equipped to fire a wide range of burners (from 30 to 3000 kw) to:
研究中心对不同功率的烧嘴进行试验调试 (30KW-3000KW) .
-Reproduce flame patterns and emissions
-优化再造烧嘴火焰模式, 改善降低污染排放
-Testing fuels with different HHV(BFG, COG, NG, FO)
测试各种不同燃烧介质热值(高炉煤气、炉前煤气、天然气、燃油)
Testing high performance resistors in tubular or modular arrangement
测试管式或模块式布置电阻性能

DCC/DFO HEATING EQUIPMENGT AND BURNERS DCC/DFO 加热设备和烧嘴

4 PROPRIETARY BURNERS

DCC HEATING EQUIPMENGT AND BURNERS
加热设备和烧嘴



OPEN FLAME BURNERS: 明火烧嘴

- MAB - Multi Air Burner LowN₂Ox
- 多阶进气系统-低氮氧化物排放
- MAB-FL Flameless (patented)
- 专利无焰烧嘴
- RAD-VG
- RAD-FL (patent pending)
- FXB & FXB-FL
- LATHG & RAD HG

HIGH SPEED BURNERS: 高速烧嘴

- MAB-SIK LowN₂Ox (patent pending)
- TFB-SIK LowN₂Ox (patent pending)
- TFB-SIK-FL
- TFB-RE K
- TFB-RE K-FL (patented)
- RAD-MIX

ELECTRIC RESISTORS 电加热:

- Heating modules 加热模块
- Air heating cassettes 空气加热器
- Tubular resistors 管式电阻器

PRODUCTS PORTFOLIO 产品系列

PRODUCTS PORTFOLIO ON STEEL (DCC&DFO) 钢铁工业炉型产品 (DCC&DFO 炉型)

REHEATING TECHNOLOGY 加热技术



Walking Beam Furnaces 步进梁炉
Walking Hearth Furnaces 步进炉
Pusher Type Furnaces 推进式炉
Rotary Hearth Furnaces 环形炉
Roller Hearth Furnaces 辊底炉
Heated Transfer Tables 热转台装置

HEAT TREATMENT TECHNOLOGY 热处理技术



Annealing Furnaces for Galvanising Lines (CGL)
Ovens for Colour Coating Lines (CCL) 喷涂线加热炉
Roller Hearth Furnaces 辊底炉
Quenching & Tempering systems 淬火&退火系统
Bell Annealing Furnaces 罩式退火炉
Chamber Annealing & Homogenizing Furnaces
Pit Furnaces 井式退火炉&均匀退火井式炉

PRODUCTS PORTFOLIO ON ALUMINIUM AND AEROSPACE 铝工业及航天业产品

REHEATING TECHNOLOGY 加热技术



Slab reheating and homogenizing Pusher Furnaces
Slab reheating and homogenizing Pit Furnaces
板坯加热均化推式炉
板坯加热均化井式炉

HEAT TREATMENT TECHNOLOGY 热处理技术



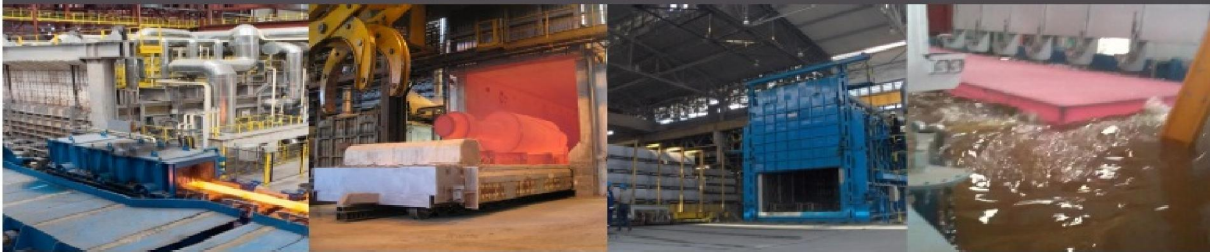
Multi coil Annealing Furnaces (*) 多用卷材退火炉
Mono coil annealing Furnaces (*) 单用卷材退火炉
Billet homogenizing Furnaces 方坯均化退火炉
Slab homogenizing Furnaces (*) 板坯均化退火炉
Forged components solubilization Furnaces 锻件固溶炉
Solubilization & aging line for Automotive components 汽车零部件固溶和时效

SCORECARDS 业绩

DANIELI OLIVOTTO FERRESCORECARDS(DFO reference) DFO 炉子业绩

6 SCORECARDS

DANIELI OLIVOTTO
FERRESCORECARDS(DFO reference)
达涅利 DFO 炉子业绩



865 Furnaces supplied worldwide for metals heating and heat treating 在全世界范围内提供了865台炉子，用于金属加热和热处理	330 Batch furnaces for iron, aluminium, titanium and special alloys forging and heat treating 330台用于钢铁、铝、钛合金和特殊合金锻造及热处理炉	34 Furnaces for Aerospace market complying with AMS 2750 standards and TUS testing for certification 34台航空航天产业炉子，符合AMS2750标准和TUS测试合格的炉子	71 Quenching systems provided together to the batch furnace supply 随同批次炉一起供货了71座淬火系统
268 Combustion heated 228台燃气炉	62 Electrically heated 62台电炉	6 Combustion heated 6台燃气炉	28 Electrically heated 28台电炉

DANIELI CENTRO COMBUSTION SCORECARDS (DCC reference) DCC 炉子业绩



DCC&DFO KEY CUSTOMER DCC 和 DFO 的重要客户

6 SCORECARDS	DCC&DFO KEY CUSTOMER DCC和DFO重要客户	
- Thales Alenia (*) - Alcoa - Alro Vimetco (*) - Arcelor Mittal - Arvedi - Ascometal - Aubert & Duval (*) - Autovaz (Renault Group) - Avesta - Baosteel - Benteler - Bhushan Power & Steel - Borusan - Celsa - CMC (*) Customer in Aerospace market 航空产业市场客户	- Duferco - Emirates Steel Industries - Gerdau - Hadeed (Sabic Group) - Handan - Hydro Aluminium (*) - Jesco (Taqa Group) - JSW Steel - Laminazione Sottile - Maxi Group - MMK Group - Marcegaglia - Mechel - Nanshan (*) - Nucor Steel	- Ori Martin - Posco - Rajhi Steel - Riva Group - Scaw Metals - Severstal - SAIL Steel Authority of India - Tata Corus Steel - Tangshan - Timken - TMK Group - Tyssenkrupp - Vallourec & Mannesman - Votorantim

DANIELI Central Combustion (China) contact information

达涅利森特罗加热炉中国联系方式

DANIELI Changshu Metallurgical Equipment

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