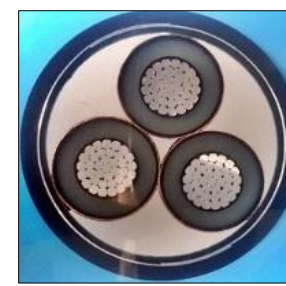
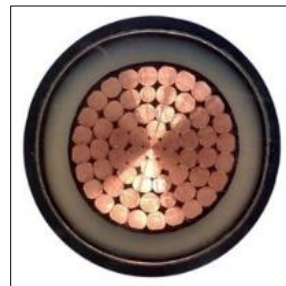


MV / HV

Cable Solution Provider

-Adding value through solution-



CONTENTS

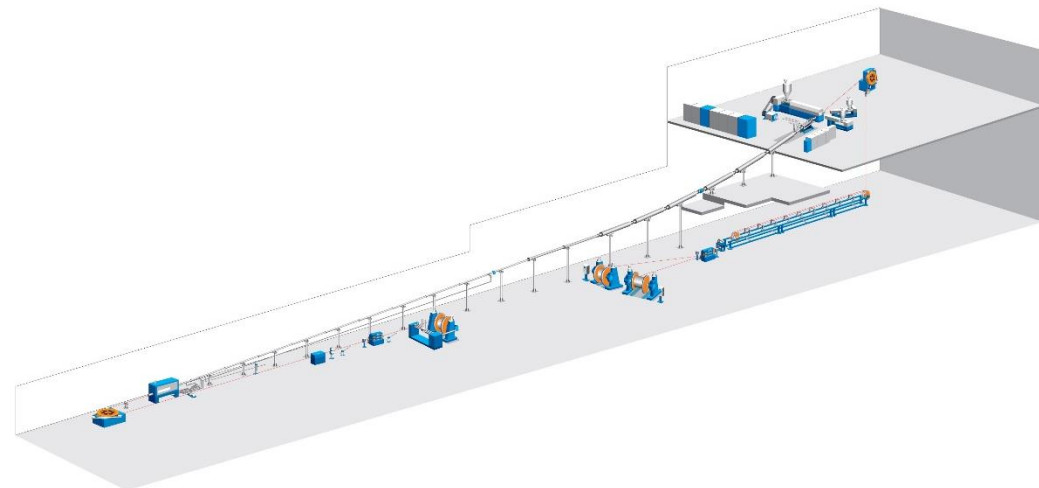
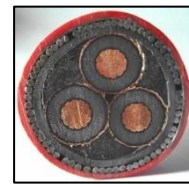
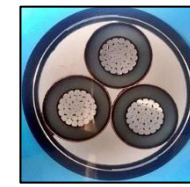
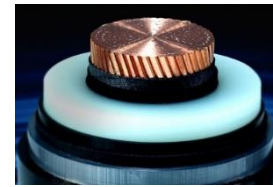
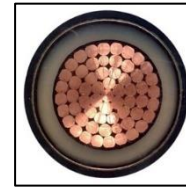
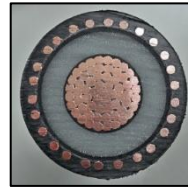
1. Company Introduction

- Introduction
- Location
- Business Model
- Business Field
- Business Scope

2. Products & CCV line

- Cross-Head & Accessories
- Clean room solutions
- Cabling Tools
- Cable Test Equipment
- Materials

3. Customers



COMPANY INTRODUCTION

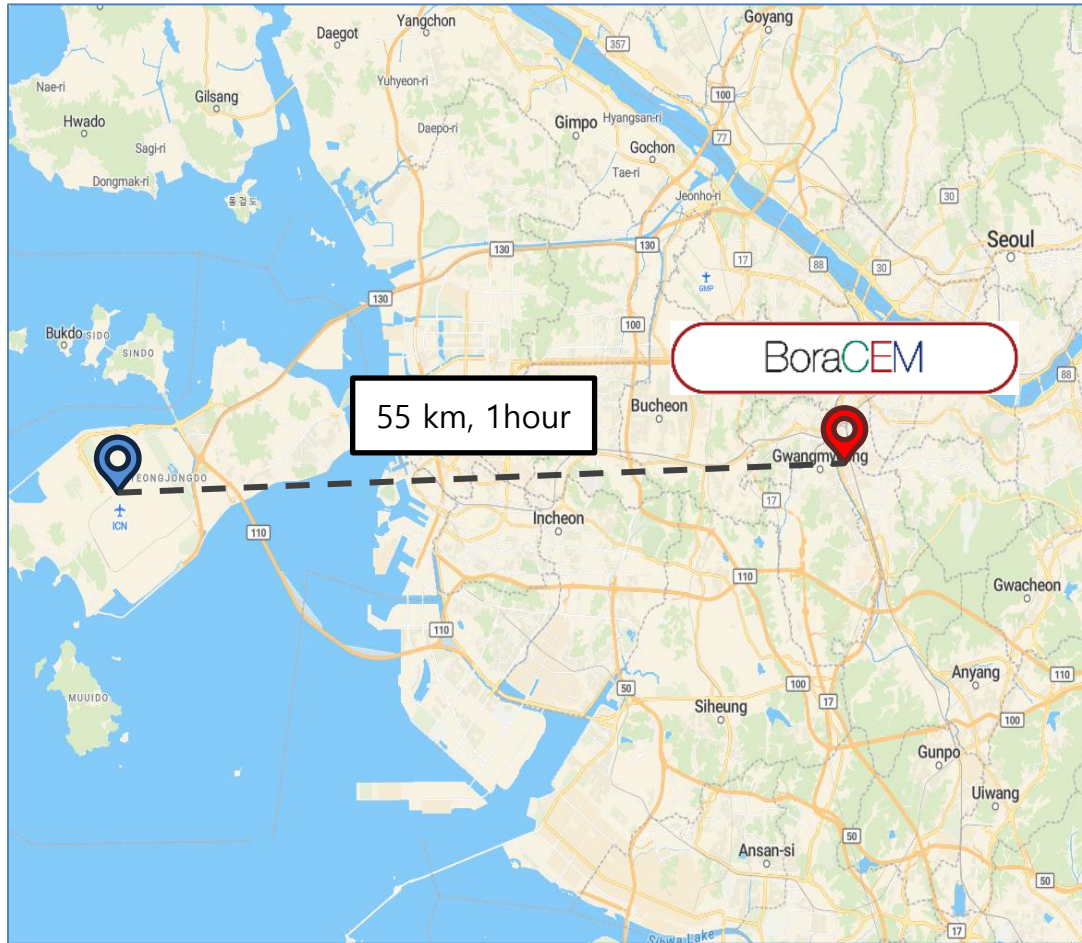
BoraCEM



*BoraCEM office building

- **Employees**
 - 5 partners 8 members
- **Established**
 - 1. Aug. 2003
- **Business field**
 - Power cable production machinery, tester, material
 - Cable consulting & Provide Solution, Know-hows
- **Philosophy**
 - Create and Expand the market
 - Customer Satisfaction by Partnership
 - Credibility through our Technology & Activities
- **Activity**
 - Value create by difference
 - Competitive products
 - SVC Focus on highest priorities

LOCATION



■ Address

Headquarter Office

A-504, 101, Gasan digital 2-ro,
Geumcheon-gu, Seoul, Korea, 08505

Tel.: +82-2-807-5791

Fax.: +82-2-807-2946

Factory

141-1, Wondang-ro, Wongok-myon,
Ansung-si, Gyung-gi do, Korea, 17555

Tel.: +82-70-5057-5599

Branch

No.203 EOS Building, 61, Daehak-ro, Gumi-
si, Gyeongsangbuk-do, Korea, 39177

Tel.: +82-70-5057-5596

Customer Satisfaction - Product & Service

Solution Provider

01

Customer-
Focused
Service

02

Network with
Asia & Korea
manufacture

03

Engineering
& Rich
Experience

Employee
background

LS Cable

LG

SAMSUNG

HYUNDAI

Engineering

(Cable Solution Provider)

1. CCV line
 - MV, HV cable production
2. Over-haul
 - CCV line Crosshead,
3. Trouble Shooting & Consulting

Marketing

(Products, Material & Solution)

1. Compound
2. Spare parts, Tools, Jig, ...
3. Quality Assurance
 - Lab, Test equipment, ...

BoraCEM & Partners
Strategic alliance : Technology & Quality

Specialist

President

Business Scope

BoraCEM

BoraCEM

R&D Center Head - James Jeon

Customer

MV,HV Cable production
management
(TFT : Engineer & Operator)
1. Technology transfer
2. Training
3. Support

Engineering Team

Specialist
Advisor
Partner  SIMEC

Branch

Malaysia
Philippines
Türkiye

Cooperator

Japan
UK
Türkiye

R&D Support (Advisor)



Customers (Advisor)



Marketing (Power Cable)

- 1)CCV line : SIMEC (www.simec.co.kr) & MV, HV Turn-key project
- 2)Process line and quality test equipment
- 3)Clean room for supply system
- 4)Compound : Korea manufactured

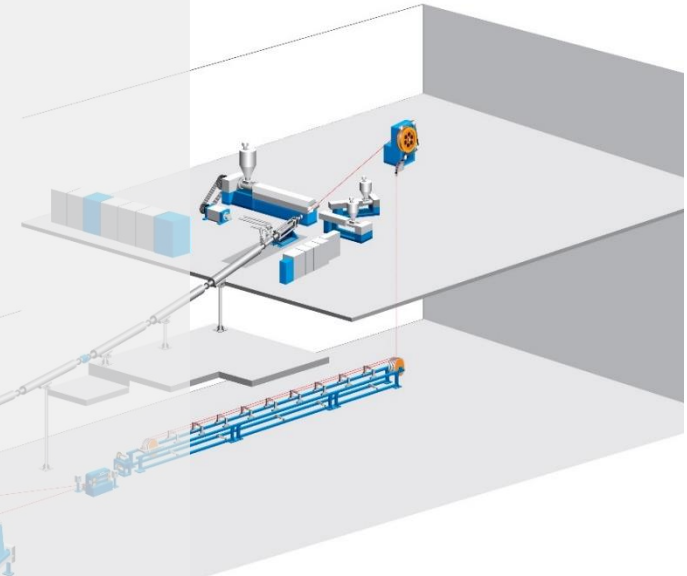
Consulting with MV,HV cable Specialist

- 1) Investment :
CCV line, Clean room, QA test equipment, Extra equipment
- 2) Trouble shooting & Quality improvement
- 3) Technology transfer & Bench Marking through our d-Base
- 4) Production Line Lay-Out, Product quality, Productivity

Mission - Value adding through solution

Cable Engineering (Man-power & Partner)

- Partner
 - SIMEC: CCV line and Quality test equipment maker
 - Cable equipment and tool maker : Device, Parts, Jig ...
 - Korea cable material maker : Compound, Cu, Tape, Ink,...
- Specialist
 - CCV line & Cable production
James Jeon (worked for Global top tier CCV line for 37 years)
 - Extruder line
Jeff Kim (worked for Global top tier CCV line for 35 years)
- Supervisor
 - Actual working with customer for commissioning and training



2. Products

2.1 Cross-Head & Accessories

2.3 Cabling Tools

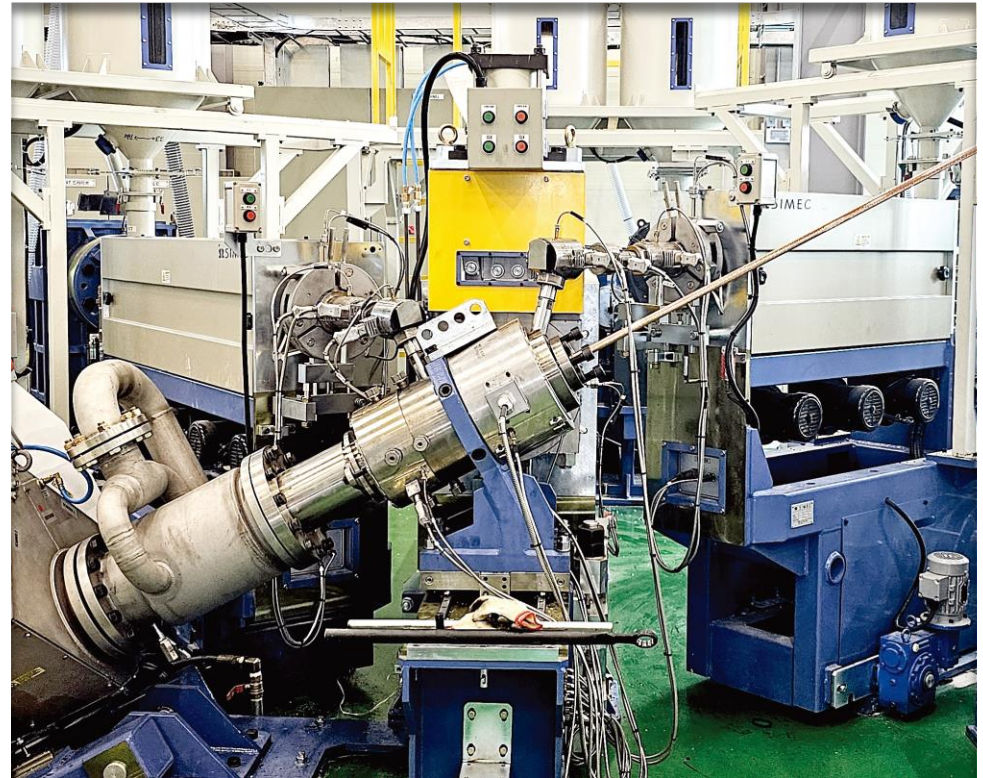
2.4 Cable Test Equipment

2.5 Materials



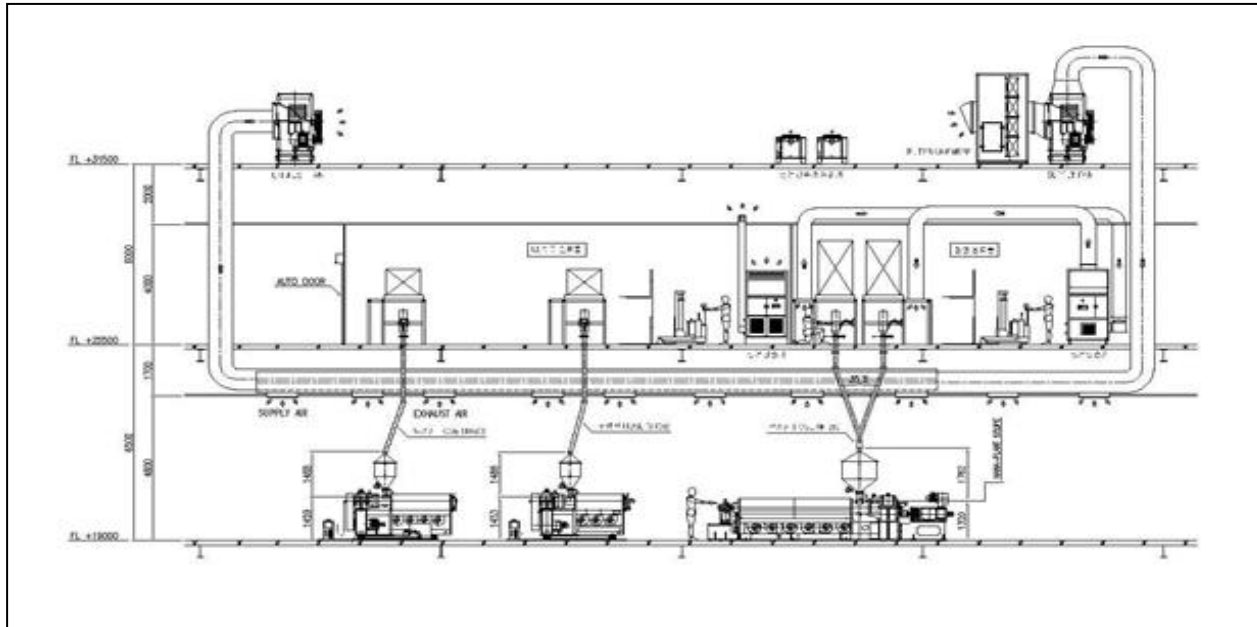
CCV Lines - Tools

- Cross-Head & Accessories



CCV Lines - Tools

- Compound supply system & Clean room



CCV Lines - Tools

- Compound supply system & Clean room



Front Image

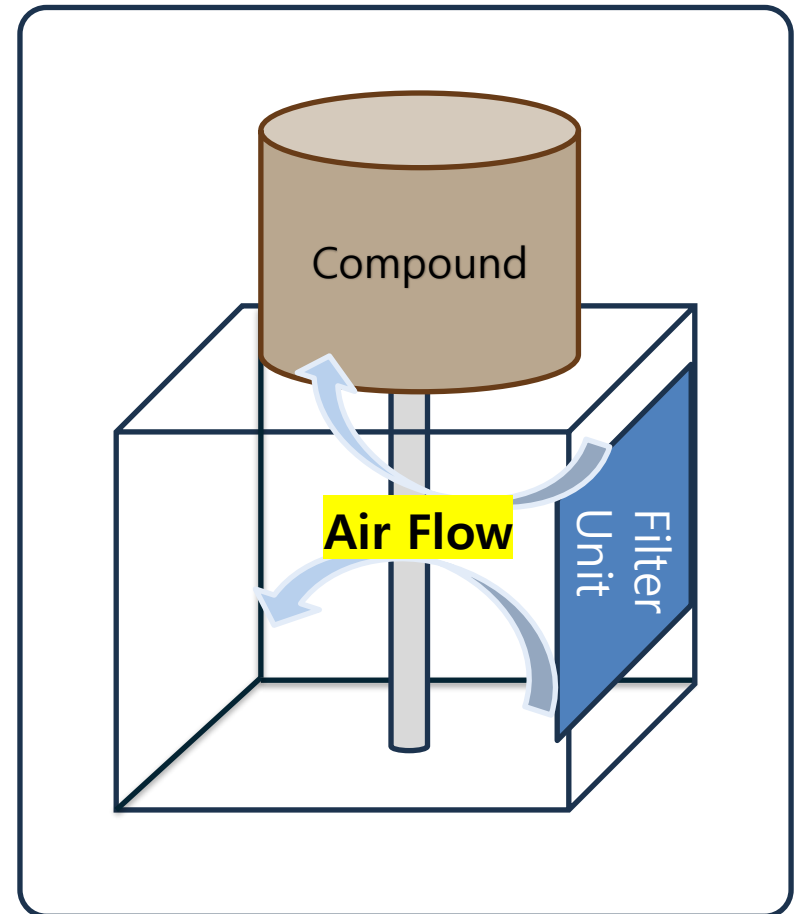


Rear Image
(Fan Filter image)



Side Image
(Fan Filter image)

How it works



Particle Monitoring System

Smart Particle Counter SPC-5000

- Remote & System Control
- Portable or Monitoring system
- Real time check and Data collection
- Global certification
- Collect data & Analyze
- Find solution and Improve



Clean room



Tools - Hydraulic Cylinder

Clamping Device



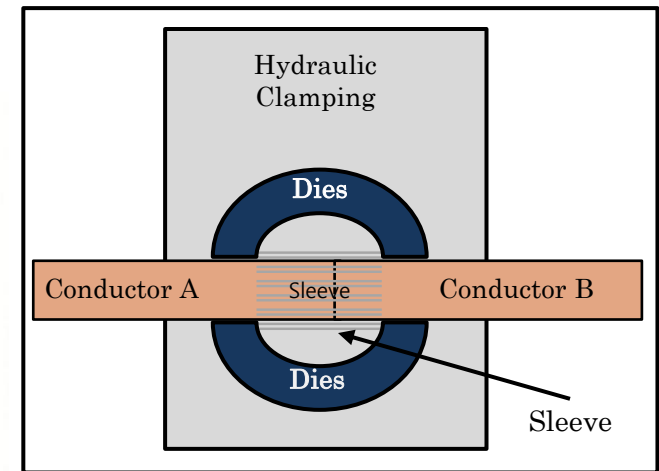
Compression Dies



Hydraulic Pump



How it works



Method A



Method B

Tools - Hydraulic Cutter

Cable Cutter for Al & Cu Conductor



Application

- Underground cable : Max. 180mm
- 154kV -345kV XLPE Cable



Application

- Underground cable : Max. 85mm
- 154kV -34.5kV XLPE Cable



Model	Capacity (Ton)	Range of application	Dimension (mm)	Weight (kg)
BCWCC180 N	8	180 mm	790 * 250 * 110	58 kg
BTCC-40	5	85 mm	680* 140*700	7.2kg

*Specifications are modified by customer request

Compound

- HFFR Compound
- LSZH Compound
- Optical Fiber
- Semi-conductive



Tapes & Conductor (Aluminum, Copper Wire)



Cable Test Equipment

Mechanical Tester



Torsion Tester



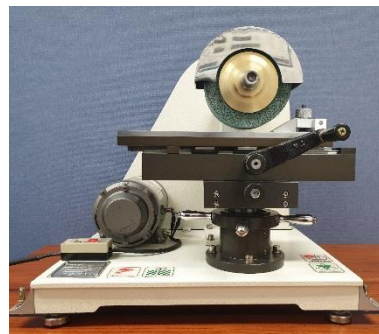
Mixing Roll



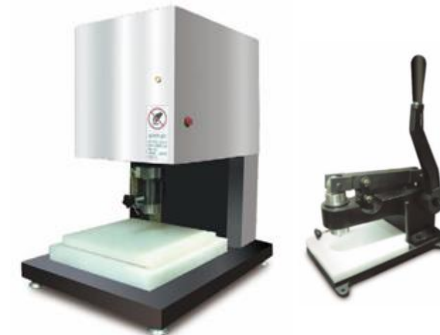
Universal Tester



Hot Plate Tester



Buffing Machine



Sample Cutting Machine

Cable Test Equipment

Environmental Tester



Aging Oven



Hot Set Tester

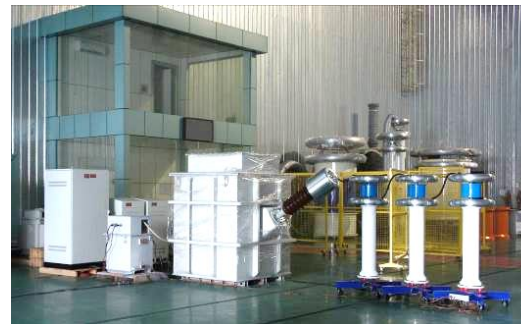


Aging Oven

Electrical Tester



Cable Fault Locator



Partial Discharge Detecting System



Other Measuring Device

Cable Business



Cable Testers



Material



The logo for BoraCEM is displayed within a white rounded rectangle with a red border. The text 'BoraCEM' is in a sans-serif font, with 'Bora' in black, 'CEM' in blue, and the 'C' in green.

BoraCEM

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