

Company Introduction

- Introduction to KBM
- Overview of KBM's Business
- Overview of Chiller Business
- Overview of Tungsten Business
- Overview of Cobalt and Nickel Business

➤ KBM Company Overview

- **Sales** 65.1 million USD
(Including overseas branches: 88.1 million USD)
- **Employees** 85 (Including overseas branches: 150)
- **Business Areas** Chillers, pneumatics, lithography equipment, secondary battery raw materials, Tungsten powder supply and semiconductor equipment parts manufacturing
- **Manufacturing Facilities and Customer Sites**



➤ Affiliates

- **KBM Japan** Tungsten powders and automotive parts
- **KBM China** Rare metals (tungsten, molybdenum) and wear-resistant products
- **KBM Tools** Carbide cutting tools such as turning, milling, drilling, and CBN inserts
- **AAT** Probe Card Manufacturing for Logic Asic

➤ Company History

- 2001 02 Established KBM Corporation
- 2004 08 Began transactions with ZW (exclusive agency)
- 2005 01 Acquired ISO 9001/ ISO 14001 Certificates
- 09 Established Corporate Research Institute
- 2007 12 Established KBM JAPAN [Tokyo, Japan]
- 2009 01 Began transactions with GEM (exclusive agency)
- 03 Established KBM CHINA [Shanghai, China]
- 2012 09 Awarded for Korea-Japan industrial cooperation from the Ministry of Knowledge Economy
- 12 Selected as a World-class Product Manufacturer
- 2013 12 Awarded the 'Ten Million Dollars Export Tower'
- 2016 11 Opened Naju Plant [Naju Innovation City, Jeonnam]
- 2017 03 Awarded as an Excellent Taxpayer
- 2018 01 Selected as a Root Industrial Enterprise
- 2019 02 Awarded as a Regional Export Leader
- 2020 05 Designated as a Global Small Giant
- 2022 04 Acquired ISO 45001 Certificate (OHSMS)
- 2023 12 Selected as an Region Innovation Leader
- 2024 02 Selected as a participant in the regional specialized project 'Legend 50+'
- 05 Signed an exclusive distribution agreement for SMC chillers and pneumatics



Non-pneumatics



High Vacuum Valves



AP TECH
(For Gas Applications)



Chemical Liquid Valves



Electric Actuators



Flow Meter, Flow Switch



Pneumatics



Air Cylinders



Directional Control
Valves



Fluid Control Valves



Vacuum Equipment



Air Units



Metal Powders & Cutting Tools



W powder



Raw materials for
Secondary battery
cathode materials



Co/Ni powder



Cutting Tools



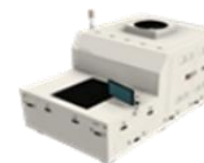
Semiconductor Equipment



Magnetic field
Prober



Evaporation System



Double-sided LDI
Lithography Machine



FPCB Roll to Roll
Lithography Machine



W, Mo components/materials



Molybdenum mesh



Probe Pin



Probe Card



Electron / Ion Beam Filament



Tungsten VM Coil



Aluminum Evaporant

➤ SMC Company Overview

- **Website** www.smcworld.com
- **Sales** 5.3 billion USD (824.7 billion JPY)
- **Employees** 22,988
- **Global N/W** 83 countries and 560 regions worldwide
- **Business Areas** 7 sectors, including pneumatic systems and chillers



Air Cylinder

Thermo-chillers

Thermo-cons

➤ Total Solution Provider

Value-Added Service

Circuit design and sizing
 Low-cost, simple system proposals
 Equipment performance improvement
 (support from SMC-JP for system construction)
 Optimizing over-spec equipment and systems
 Regular technical seminars for skill enhancement

Convenience Assurance

Competitiveness of TOTAL PRODUCT
 Quick delivery
 Inventory reservation for large-scale equipment
 Prompt response to trouble shooting
 Maintaining stock of SPARE PARTS

Realizing Customer Priority

Diverse Product Supply

Quality assurance
 Manufacture customized product /
 Provide product information
 Simplify parts inventory through
 standardization

Differentiating Customer Value

Guarantee reasonable pricing
 Implement customer priority
 through competitive advantage

➤ Korea SMC Daejeon Factory Logistics Warehouse



Daejeon Factory 1



KCW / Korea Central Warehouse



Daejeon, Korea

Location

70, Sinilseo-ro 18beon-gil,
 Daedeok-gu, Daejeon, Korea

A key production and logistics base
 supporting KBM as an authorized
 SMC distributor

Key Roles

1 KCW Warehouse

A central logistics hub holding more than 40,000 items and supplying customers, sales offices, and dealers nationwide.

2 Daejeon Factory

Produces and assembles cylinders, valves, and valve manifolds, while supporting customized orders.

3 Integrated Operation

Manages receiving, inventory, packaging, and shipping through an integrated transport and barcode system.

4 KBM Support

Enables stable product supply, quotation support, and delivery coordination for customers in Korea.

➤ Eco-friendly response for GHG Reduction

Eco Products

Evaluate & minimize environmental impacts of products
 Developing environmentally-friendly products

Air Cylinder

Weight: Up to 54% lighter



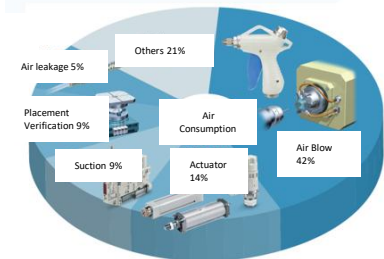
Thermo-chillers

Power Consumption : Reduced by 34%



Energy Saving

Eco Products for air equipment which represents approx. 20% of a plant's power consumption

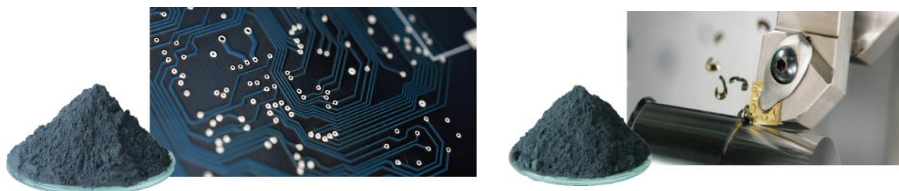


➤ Global N/W

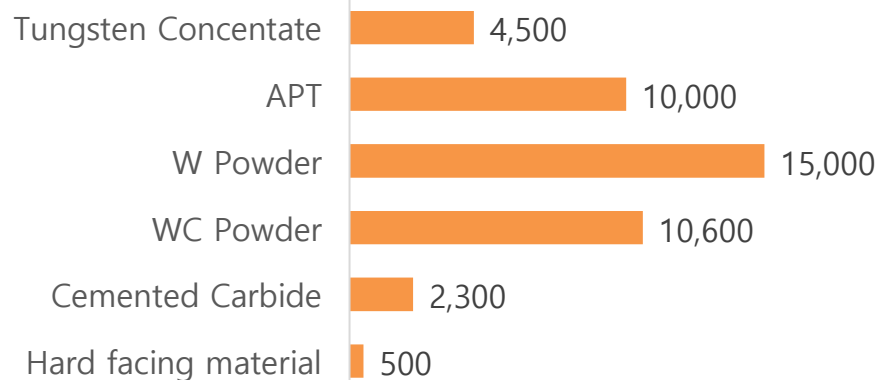
Countries / regions : Approx. **80** Local services locations : Approx. **500** Countries/regions with production facilities : Approx. **30** Employees : Approx. **23,000**

➤ Overview of Zhangyuan Tungsten

- **Website** <http://www.zy-tungsten.com/>
- **Sales** 439.8 million USD (3.2 billion RMB)
- **Main Products** Tungsten Concentrates, APT, WO₃, WC, Cemented Carbides



➤ Key Production Capacities (tons/year)



➤ Owned Mines and Exploration Rights (as of 2025)

- **Owned Mines** 6 mines with reserves of 96 million tons
5.33% of total Chinese reserves, Mining lifespan over 30 years
- **Exploration Rights** 8 mines, total exploration area of 154 km²



➤ Production Facilities

Powder: 3 plants / Cemented Carbide: 1 plant



➤ 5G Electronics Intelligent Plant (Powder Plant #3)



➤ Company Overview of GEM

- **Website** www.gem.com.cn
- **Sales** KRW 5.65 trillion (RMB 29.3 billion)
- **Employees** 9,000
- **Business Areas** Anode materials, precursors and raw materials for secondary batteries
Cobalt for cemented carbide



Full Life Cycle Value Chain Business of Power Batteries



Electronic Waste Recycling Business



Recovery Business for Scarce Resources such as Nickel, Cobalt and Tungsten

RECYCLING THE WORLD AND MAKING CONTRIBUTIONS TO BUILDING A COMMUNITY WITH SHARED FUTURE FOR MANKIND



➤ NCM Precursors

- Second Largest Market Share Worldwide
- Used in 15% of the global EV ternary batteries
- Production Locations: Jingmen, Fu'an, Taixing / Annual Production: 260,000 tons



➤ NCM Precursor Nickel MHP

- Collaborating with numerous global corporations to establish manufacturing facilities in Indonesia
- Located in Morowali, Indonesia /Annual MHP Production: 150,000 tons



Thank you