



**TECGATES GROUP**  
Malaysia • Indonesia • India • China



Solutions In Bulk Material Handling & Processing Technology

# Solutions



*Company Profile*





## INTRODUCTION



**TECGATES GROUP** is a leading technology marketing and engineering group based in Malaysia. Our core expertise is in **process technology** and **bulk material handling** technology and we provide engineering products and solutions in this field to all process industries; including cement, steel, power, mining, fertilizer, paper and port.

Our enduring commitment to achieving excellence through detailed project management services, engineering and stringent quality controls in our products, together with the application of tested and proven engineering technologies has firmly established **TECGATES GROUP** as a major player in the industry. To provide further value, we also focus on regional sourcing with emphasis on cost competitiveness and reliability in our product offerings.

To account for the growing importance of the export market and to enhance our global presence, **TECGATES GROUP** has established several worldwide offices. Today, the **TECGATES GROUP** is headquartered in Malaysia and has offices in Indonesia and India.

Fully dedicated to meeting the specific needs of our clients, **TECGATES GROUP** is divided into two subsidiaries to fully optimize our resources and activities:-

1. **TECGATES MALAYSIA**
2. **TECGATES ENGINEERING**



Project : Clinker Handling Conveying System  
Client : YTL Cement



Project : Tyre Chip Handling Project  
Client : Lafarge Langkawi



Project : Revamping Of The Existing Clinker Production Line 5 & 6  
Client : CAC Kazakhstan

# TECGATES MALAYSIA

Your Process Technology and Bulk Material Handling Solutions Specialist



**TECGATES MALAYSIA** was established in 1989 as a technology marketing company; representing several of Europe and Asia's leading bulk material handling companies in Malaysia and around the region. With the cement industry as one of our initial core business, we have since expanded to other industries as well.

Today, we have grown into a leading supplier for the process industries in Malaysia, with our products present in cement plants, fertilizer plants, steel plants, power plants and shipping ports.

In line with our client's expectations and our dynamic foundation, we also represent several of China's and India's top leading bulk material handling companies to provide the most reliable and cost effective solution available in the market.

With our experience and knowledge, as well as constant support from our technology partners, **TECGATES MALAYSIA** offers the best solution for your process engineering needs.

## TECHNOLOGY PARTNERS



Aumund Group, Germany

Bucket Elevators, Pan Conveyors, Clinker Silos, Surface Feeders and Material Handling Solutions For All Major Process Industries



Silotechnik, China

**Cement Silo and Pneumatic Transportation**



Depreux, France

Conveyor Belts (Steel Cord / Textile Carcass with Rubber or PVC cover) and Belt Fasteners



EnviroCare, USA

Gas Conditioning Systems



Flakt Solyvent-Ventec, France

High Performance Heavy Duty Industrial Fans



Hasler, Germany

Weighfeeding Applications



KHD Humboldt Wedag, Germany

Total Cement Plant Solutions



Eirich, Germany

Mixing, Granulating, Drying and Fine Grinding Technology



Project : Jetty Dedusting And Conveyor System  
Client : CIS



Project : Tyre Chip Handling Conveyor  
Client : YTL



Project : Fertilizer Handling System  
Client : Bulkchem



# TECGATES GROUP

## Competitive Advantages



- Competitive prices through local and regional sourcing**  
 TECGATES MALAYSIA is the exclusive distributor for TECGATES ENGINEERING'S preferred partners, thus saving costs to our clients.
- Close and constant collaboration and technology transfer with our long term technology partners from Europe, India and China**  
 To provide the latest in technology to our client, we cooperate with value added partners to improve our systems and know how.
- Experience and expertise in building a diverse range of material handling systems**  
 From abrasive type materials like shredded tyre chips and iron ore to sticky materials like clay and fertilizer, we have conveyed it with success using bucket elevators, screw conveyors and normal belt conveyors among others.
- Our systems are run on a daily basis all around the world by international companies like Lafarge, Petronas and Holcim to the satisfaction of our clients**
- We have experience in small specialized projects and big scale projects and are able to scale accordingly based on the resources necessary**  
 Our experienced team of project managers are able to allocated the appropriate resources as requested by project demands and we are able to leverage with our engineering in both India and Malaysia.
- We plan our concurrent projects for maximum attention and service to the client to ensure the quality of our work**  
 Our team of experienced, knowledgeable engineers and young, dynamic engineers, located in Malaysia and India give the right mix of service that ensures a balance in delivery in terms of quality and speed.
- Flexibility and expertise to accommodate client's special request for any customization to adapt to site requirements**  
 Please let us know your limitations and your project requirements. Whatever your project requirements and limitations are, we will be able to provide the most efficient and suitable solution to you.
- Well versed in local and international statutory requirements**
- International engineering capabilities with successful projects in Kazakhstan, Romania and Vietnam**



Project : Gypsum And Clinker Handling Project  
Client : Lafarge Rawang



Project : Cement Handling Conveyor  
Client : YTL



Project : PLC Project  
Client : Lafarge Langkawi

# TECGATES ENGINEERING

## Technology Solution for Bulk Material Handling



**TECGATES ENGINEERING** is incorporated in 1996 with the vision to provide the best engineering solution for conveying, storing, crushing, homogenizing, loading and unloading of bulk materials in mine sites, marine ports, and industrial plants. We have vast experience in system design, manufacture and installation of bulk material handling solutions for cement plant, coal power station, coal terminal, fertilizer plant and waste recycling industries.

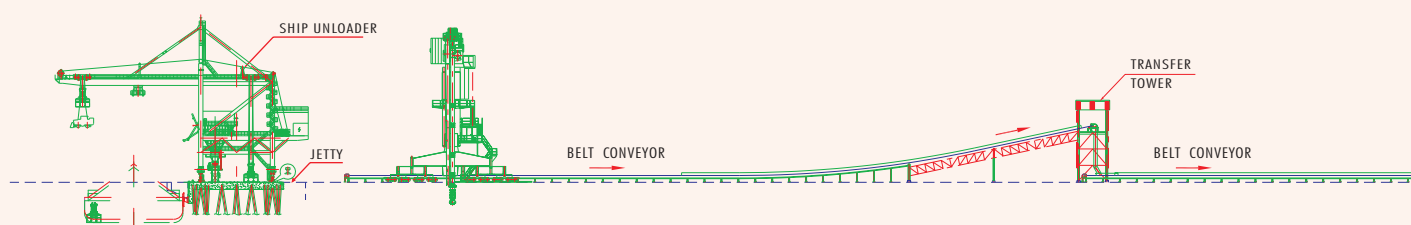
The solution consists of comprehensive equipment including belt feeder conveyor, chain conveyor, bucket elevator, crushing and screening equipment, magnetic separator, metal detector, vibratory feeder, belt weighing machine, shiploader and unloader equipment, stockpiling and reclaiming equipment.

Our solution caters for light to heavy duty application and the control system allows the system operator to plan, monitor, control and supervise effective production and throughput. As a turnkey system provider, we are dedicated to enhance your business profitability via optimum material handling solution and minimum interfacing issues.

Since **TECGATES ENGINEERING'S** first project in YTL Westport, the growth and depth of our capabilities has been simulated through our cooperation with a number of renowned international companies and we have never looked back.

Today, with engineering offices in Malaysia, China, India and Indonesia, we have successfully completed projects for major clients located across the globe. Our track record speaks for ourselves and all work undertaken is completed to the highest international standard, supported by a strong inhouse engineering team and in compliance with specific local conditions.

Despite our success, our passion to excel continues as we explore new areas and challenges within our business sectors and beyond them, in pursuit of our original vision, always adhering to our commitment to provide excellence by design and uncompromising quality.







**TECGATES ENGINEERING** is an engineering technology company specializing in:

### **BULK MATERIAL HANDLING SYSTEMS**

Turnkey design, engineering, equipment supply, installation and commissioning and after sales support for the following systems :

- Belt Conveyors
- Bucket Elevators
- Screw Conveyors
- Chain Conveyors
- Extraction Conveyors
- Conveyor Accessories

### **TOTAL CONVEYING SYSTEMS SOLUTIONS**

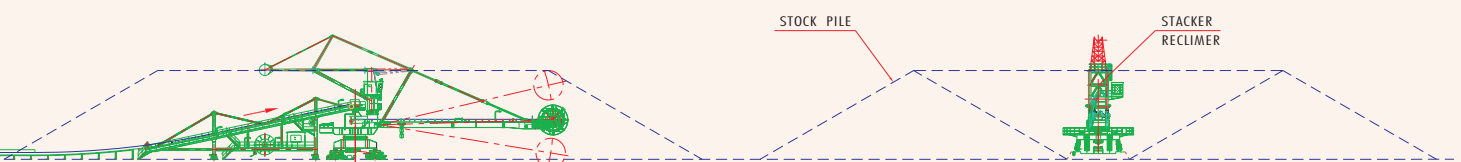
- Ship loading and ship unloading for bulk material
- Stacking and reclaiming for bulk material
- Crusher and screening systems
- Engineering and Technical Consultancy for conveying systems

### **COAL HANDLING SYSTEMS**

- Specializing in Coal Fired Power Plants
- Cost Effective Through Regional Sourcing

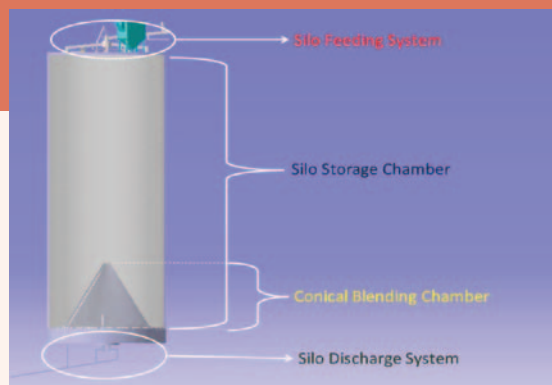
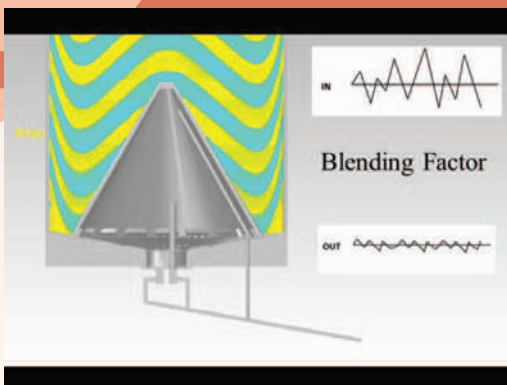
### **AFTER SALES SERVICES**

- Upgrading of conveyor systems
- Evaluation services of conveying systems condition
- Belt Vulcanizing services
- Product Support and Warranty



# SOME OF OUR PROJECTS EXECUTED

## Pneumatic Conveying and Silo Systems





## SOME OF OUR PROJECTS EXECUTED

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### Ship-Unloader



## SOME OF OUR PROJECTS EXECUTED

Stacker-Reclaimer

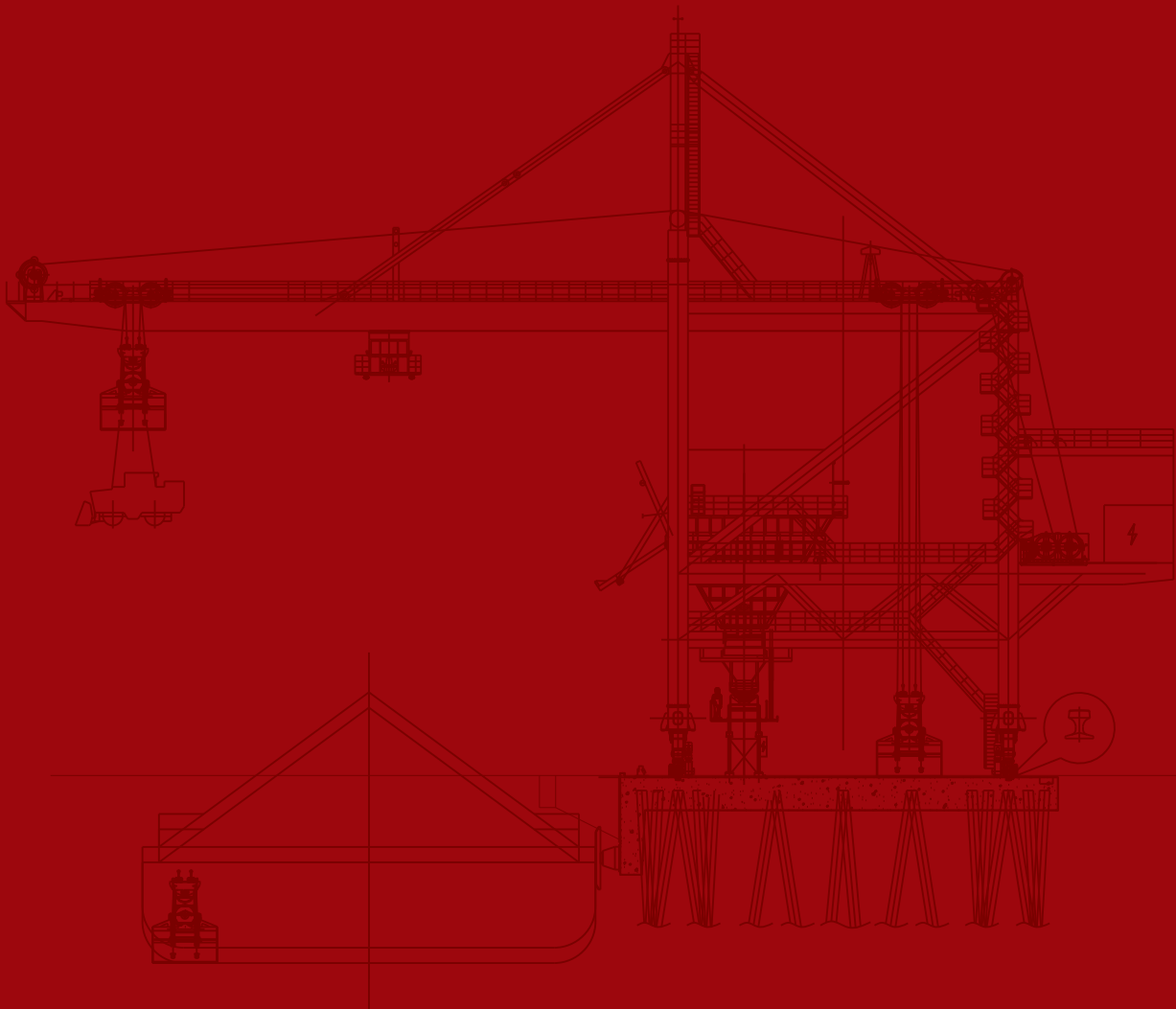




## SOME OF OUR PROJECTS EXECUTED

### Transfer Towers & Conveyor Gallery





## TECGATES GROUP

### Malaysia Office

#### **Tecgates Group**

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Jalan TP3/3, Taman Perindustrian SIME UEP,  
47620 Subang Jaya, Selangor.

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### Indonesia Office

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### India Office

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### China Technology Sourcing Platform

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