

**TAIMWESER** Since 1899 lifting and handling your needs

We are a worldwide company with State of the Art in-house design, production and maintenance facilities, providing customized integrated high-tech solutions for bulk solids handling and special lifting projects, meeting current industry's challenges with technologies of tomorrow. Our headquarters are located in Zaragoza (Spain), where more than 300 highly qualified employees in over 64.000 sqm of office and production facilities, lift customer's projects to the virtual world and convey them to the real world. We have affiliate companies in Germany and in Brazil as well as branch offices and representatives in the five continents. Throughout our 120 years of experience, we have supplied leading technology tailor made solutions in more than 65 countries all over the world. This long track record allows us to offer our customers the most advanced and the most competitive solutions for the lifting, handling, conveying, loading and unloading of raw materials and special loads, for the key industries such as ports, steel, fertilizers, oil & gas, nuclear and mining.

**TAIM WESER COUNTS WITH**



**Key milestones**

- 1899 ● **The Origin TFG** (Talleres Florencio Gómez) is founded.
- 1953 ● **Foundation of TAIM** (Talleres Auxiliares de la Industria Minera).
- 1973 ● **The Merger** TAIM acquired TFG and created TAIM-TFG.
- 2006 ● **The Acquisition** TAIM-TFG acquired WESER Engineering GmbH.
- 2008 ● **TAIM WESER** is born to keep company's worldwide expansion strategy.
- TODAY ● **KEY PLAYER TAIM WESER** is a reliable and well-known worldwide player in the supply of handling and lifting tailor made solutions.

In addition to the design, manufacture, supply and commissioning of new projects and installations, we also offer a wide range of highly skilled related services, based in our extensive experience, with the aim of providing our customers with the optimal solution to their needs and requirements

**Consultancy**

In the first stages of the projects, we offer our customers consultancy services, Front-End Engineering Design (FEED) preparation and feasibility studies through our expertise as a technology solutions provider, with the aim of achieving the most advantageous and satisfactory solution to meet their needs.

At the end of the day, our revamping activities allow an increase in the performance of the facilities in terms of productivity, capacity, availability, safety, OPEX reduction and, finally improvement in the P&L of customers. Our revamping operations guarantee the greatest effectiveness, focusing on minimal impacts on production along the process.

**After Sales**

More than a service, we provide security, reliability and protection to our customer's assets. Thanks to our extensive experience and know-how in maintenance services and commercial and own-manufactured spare parts, our qualified staff is able to provide the optimal solution to customers' requirements.

**Digitalization-Industry 4.0**

Our R&D staff is always looking for new solutions that bring an effective and harmonic development. As a company delivering technological systems to our customers, we have evolved gradually and we are able to supply i4.0 systems, virtual/augmented reality (VR/AR), remote access, data analytics, drones support as well as stockyard automation systems to improve the design and operation of machines and conveyors.

**Revamping**

Our long track record in the business makes us the best partner when our customers need optimization to update and/or upgrade their facilities, in mechanical and electrical & instrumentation as well as automation matters.



## PORTS

### State-of-the-art projects for port terminals



We supply tailored solutions for handling materials at ports, according to the environmental conditions and local regulations of project location. We provide equipment for a safe and efficient ship loading and unloading as well as any other additional required activity, such as stacking, reclaiming and conveying of materials, always

adapting our solution to the logistic process required by our customers, with the aim of improving the handling processes and reduce ships loading and unloading times.

We provide equipment for new port facilities as well as integrated into existing port installations, including eco-hoppers, truck and

train loading and unloading systems, long distance conveying systems, stockyard machinery, storage facilities, rail mounted and mobile shiploaders, ship to shore (STS) cranes, rail mounted yard gantry (RMG) and rubber tyred gantry cranes (RTG) as well as combined cranes for the handling of containers and pallets.

## NUCLEAR

### High responsibility and accurate solutions for the nuclear industry



We are a major solutions provider for the nuclear industry supplying tailor made equipment for the handling of nuclear materials in New Build as well as Decommissioning projects of nuclear plants. Furthermore, we also provide nuclear facilities revamping and modernization services.

Our scope of supply includes high performance stockyard machinery and conveyor systems for the handling of raw materials such as uranium ore, high integrity in cell and out cell EOT cranes, gantry cranes and trolleys as well as single failure proof (SFP) equipment

to perform critical load-lifting applications e.g. the handling of low and intermediate active nuclear waste as well as nuclear fuel.

## MINING

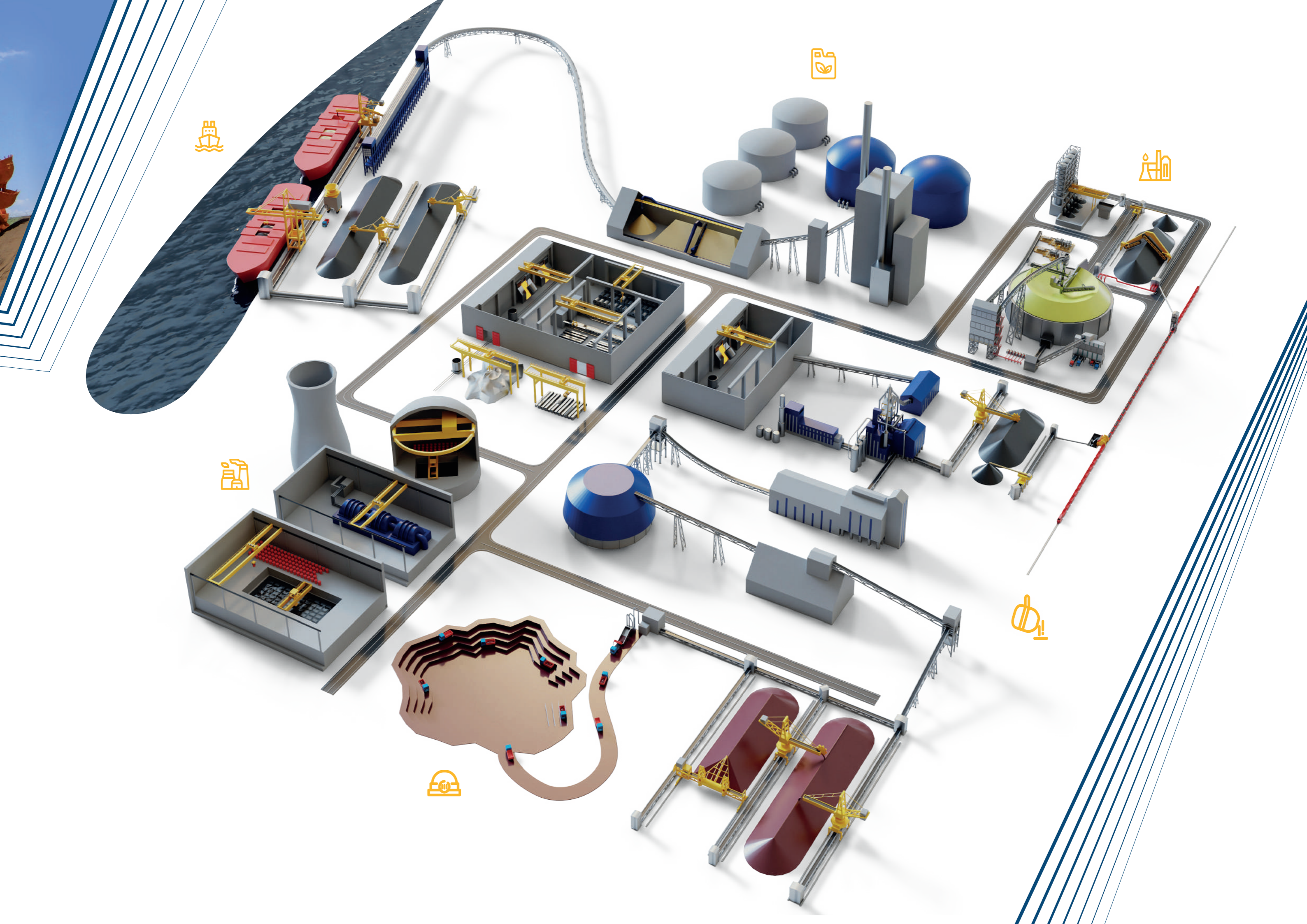
### Wide expertise in Mining equipment



We highlight our wide experience in the supply of mining equipment for coal and other ores (metals and non-metals). In fact, underground mining was the cradle for one of our former companies, TAIM, which contributed to the mining industry mechanization in Spain during the 1950's and 1960's.

Nowadays our tailor made mining solutions include truck/dumper unloading systems, all type of stockyard machinery such as reclaimers, fixed or travelling stackers, combined bucket-wheel stacker reclaimers, circular and longitudinal stockyards, either open or covered, kidney stackers, and train and truck loading out stations as well as conveying systems and shiploaders.

This wide range of products allows us to provide customized solutions according to client requirements, depending on the type of material to be handled, type of activity to be performed and environmental conditions of the site where the project is located.





## FERTILIZERS

### Tailored solutions for fertilizer projects



We are a worldwide reference in the supply of tailored solutions for a safe and environmentally friendly handling, conveying and stockpiling of raw materials and fertilizers such as potash, phosphate, urea, DAP, MAP, NPK and agricultural salt.

We have extensive experience of more than 60 years, arising from the mining industry, in the supply of highly efficient systems and equipment for fertilizers handling and transport, including belt conveyor systems, trippers, hoists,

transfer systems, drive heads, stackers, spreaders, reclaimers, storage equipment, train and truck loading out stations as well as shiploaders and ship unloaders.

## OIL & GAS

### Integrated Complete Solutions for Oil & Gas industry



We supply fully integrated systems for handling petroleum coke and sulphur at refineries, providing our customers with a technological solution from a single supplier, all the way from the output of the material from the production area to its final dispatch. We also supply the entire in-house petroleum coke and sulphur conveying, storage

and handling systems, thus freeing our customers of error and delay prone complex interfaces.

Our scope of supply for Delayed Coke Units (DCU) and Sulphur Recovery Units (SRU) includes the complete petroleum coke and sulphur handling equipment, which includes EOT and gantry cranes,

conveying system, stockyard machinery and material loading into trucks, trains or ships, as well as ancillary equipment such as firefighting systems, dedusting systems, automation and digitalization.

## STEEL

### Heavy duty equipment for the steel industry



We provide the steel industry with tailor made heavy duty and high capacity equipment designed and manufactured to work in extremely harsh and aggressive conditions and environments, in order to perform the critical processes inside the steel plants, always according to customer's specific requirements.

Our scope of supply includes a wide range of products such as stockyard machinery and conveying systems for raw materials (iron ore, DRI, pellets, calcined lime), scrap handling cranes -either outdoor (gantry cranes) or indoor (bridge EOT cranes)-, scrap basket transfer cars, furnace charging and teeming

cranes, casting ladle cranes, forging cranes, ingot handling cranes, tundish cranes as well as cranes for handling coils, billet and slabs.



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