

Dry bulk storage and handling

Turnkey solutions for storage, handling and processing

Geldof offers turnkey solutions for the conceptualization, the engineering and the realization of custommade projects in materials and fuel handling. We are a reputable and reliable partner for all projects that we undertake; a claim we can confidently base on our long standing track record as a respected builder of high quality equipment for the storage and handling of bulk materials, combined with our innovative process knowhow and proven technologies.

The strength of our partnerships and customer relations is our flexibility to think in tandem with our clients. Geldof teams up with its customers to find the best solutions and to apply the best practices, be they mechanical constructions, civil engineering works, electrical and instrumentation, integrations of machinery or other challenges.

Using this open and full scope approach, we develop pioneering devices which we modulate into new and independent installations with proven technology. In this way we have designed and engineered – among other projects - innovative state-of-the-art modular biomass fuel handling, milling and dosing units, enabling us to offer our customers a durable biomass power station with guaranteed performance and availability. This is a fine example of our involvement in sustainability.



└ Dry bulk unloading hopper



└ Long distance conveying system



└ Cement handling



└ Turnkey biomass and coal handling at co-firing plant

“We team up with our customers and offer turnkey solutions.”

Scope of supply

Geldof offers full scope EPC projects as well as separate equipment to complete bulk handling installations. Our services include:

- **Loading and unloading** stations (for trucks, railcars, barges and seagoing vessels), hoppers and stackers
- **Storage** equipment: silos and bunkers
- **Transport** systems completely installed employing screw, belt and chain conveyors and elevators and including de-dusting, ferrous/non-ferrous detection, weighing, fire-safety and other equipment
- **Process** units (separation, milling, dosing, blending, et cetera)
- All required **studies, documents** and **certification**

Sectors and materials

Geldof is active in a wide variety of sectors and materials:

- **Energy** sector: wood, wood-derived and other biomass, coal, gypsum, lime, fly ash...
- **Storage and Transshipment** of bulk cargoes in harbors: biomass, coal, iron ore...
- **Steel and Metal** industries: ore, metal concentrates, slag, coal, ferrous alloys, sinter, cokes, pet cokes...
- **Process** industries: chemicals, finished products, (powder and granules), minerals, salt, rubber crump, clinker...
- **Mining**: minerals, ore, sand, stone...
- **Construction** industries: cement, stone, sand, lime, clay, dry mix, gypsum...
- **Glass and Ceramic**: raw materials, additives, powders, glass batch, cullet, soda ash...
- **Cellulose** industries: wood, pulp, kaolin, residues, waste paper, cardboard...
- **Food** industries: pellets, grains, soy beans, tapioca, fish meat...



Numerous references illustrate Geldof's proven track record of success



Geldof is a leading supplier of 'integrated steel solutions' for the storage, handling and processing of bulk solids, liquids and gases. We have a strong reputation in the fabrication of dry bulk storage and handling projects, storage tank solutions, pressure vessels and process equipment, and a range of other engineered solutions that often require a combination of high-level competencies in diverse technical areas.

Geldof has extensive expertise in renewable and conventional energy, storage and transshipment, and serves the oil and gas industries as well as a broad range of other industries.

Engicon nv (Geldof) is part of the **Engicon Group**.



Food processing



Storage and handling of wood pellets



Turnkey biomass handling plant



Coal handling system



Sugar beet prewash drum



Belt conveyor

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