

Biomass handling solutions

Expertise

Geldof has extensive knowledge in providing biomass handling solutions for logistic companies and power industries throughout Europe. We mainly deal with wood and wood-derived biomass such as pellets, chips and waste wood, and we also have expertise in handling other types of fuel.

Scope of supply

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

- **Unloading** stations, 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)
- **Loading** stations (for trucks, railcars, barges and seagoing vessels)
- All required **studies, documents** and **certification** (ATEX, HAZOP, SIL, risk analysis, environmental impact, et cetera)



Pellets milling and dosing unit



Belt conveyor



Full scope biomass handling and processing



Mobile hopper

...and more

In our continuous quest for innovative and sustainable solutions, we have optimized the design of various processes. For instance our modular pellet milling and fuel-dosing unit, enables us to offer our customers a sustainable solution with guaranteed performance and availability.

Your benefits

With an outstanding track record in both fabricated equipment and turnkey projects, renowned for their quality, functionality and durability, Geldof is a **reliable solution provider**, even for the most complex industrial challenges. Customers have a **flexible partner** in Geldof, one who thinks like them and really cares about their projects in all of their dimensions.

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

Geldof has **extensive expertise** in the renewable and conventional energy sector, storage and transshipment (logistics) and oil and gas but also serves a broad range of other industries. We offer a unique combination of specialized engineering, fabrication and project management competencies, organizational and operational excellence in every project and our value-driven way of using our customers' specific needs as our principle focus. Furthermore, sustainability is a keystone in our company's philosophy.



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**.



Full scope biomass handling at co-firing plant



Ship unloader for pellets



Turnkey biomass handling plant



Biomass unloading and storage installation



Turnkey biomass handling and processing

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