

## Ever more reliable fuel handling for ever more steady combustion

**Formia's** smart receiving and handling systems for biomass, peat and recycled fuels guarantee a high degree of reliability for heat and power plants and process industry. These systems are specially designed to ensure that the entire energy generating process is integrated as a functional complex. Increasingly flexible fuel handling systems will be needed in future for ever more challenging energy sources. This presents a challenge and opportunity that Formia welcomes warmly.

### Reliability you can trust

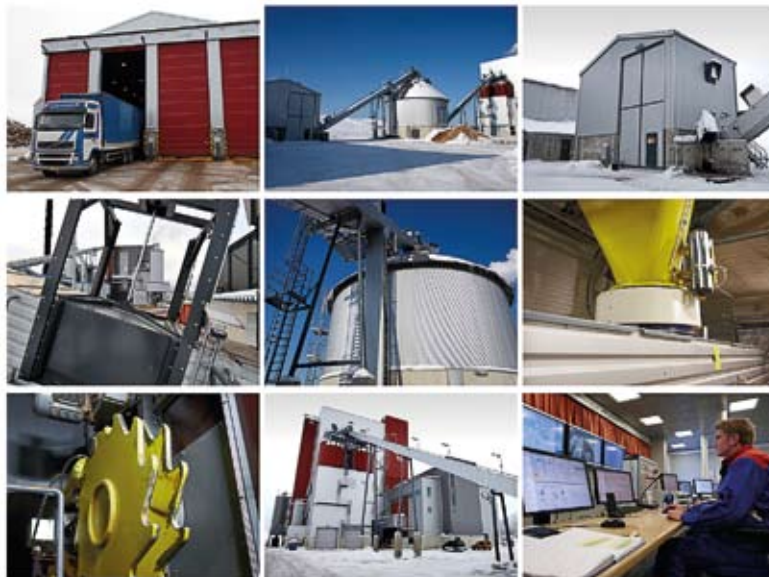
- Heavy-duty solutions with decades-long service life at optimal capacity. "Build to last" is our motto
- Tried and tested for efficient energy generation, with over 30 years of experience
- Superior quality Finnish technology and know-how
- Our reliable after-sales and technology services maintain high energy production operation with no unexpected outages

### Modularity for easy integration

- Scalability for projects of varying type and size up to 300 MW
- Flexible interfaces enable swift and easy commissioning
- Proficient implementation of delivery projects

### Customized Smart Energy Flow

- We are your ideal partner for implementing smart solid fuel handling





**Versatility**  
*for ever more challenging solid fuels*

**Formia's** flexible feeding and handling provides an optimal fuel blend for steady combustion. Not only does combustion remain continuous, but thermal efficiency and overall process quality is constantly improved. Easy removal and automatic reprocessing of oversized fuel pieces ensures operability. Restarting after process shutdown is also greatly facilitated. The system is particularly well suited to multifuel combustion, for example when processing woody biomass, recycled wood, sod and milled peat, agrobiomass or other solid organic fuels.

**Solid fuel handling systems installed to meet specific customer project needs and specifications**

- Flexible receiving systems including receiving stations, discharge equipment and levelling cylinders
- Reliable screening systems equipped with metal detectors, separators, screens and crushers, according to the requirements of the fuel used
- Storage silos for combustible fuel, with screw discharge equipment based on fuel transportation logistics requirements. Including bypass equipment with funnels for use as required
- In-feed silos serve as a buffer stock between the handling system and the boiler
- Various conveyors, push screws and feeders complete the delivery



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