

## **Aalborg Energi Teknik has ordered a Samson Material Feeder for a new UK Biofuel Plant**

*The new feeder, handling bone and meat meal, is the third Feeder unit that AET orders from Samson Materials Handling Ltd. The first two handle wood chips and wet draff in an AET biomass power plant in Scotland.*

The new Samson Feeder will receive biofuels from tipping trucks and feed the material into a new 42 MW<sub>t</sub>/ 12 MW<sub>e</sub> Combined Heat and Power (CHP) plant that AET will build for JG Pears Power Ltd. at Newark, Nottinghamshire.

The biomass plant will be commissioned in early 2018 and will replace 90% of the fossil fuels presently used at the facility.

The Samson Feeder is designed to receive bulk materials directly from tipping trucks and front end loading shovels onto a wide, forward moving apron belt. The material is continually discharged at a controlled rate into a following conveyor system. The material can also be temporarily stored within the Feeder unit itself, until needed.

Samson Feeders are low and can be placed on ground level. They do not require an expensive concrete pit. The units are mobile and can be moved to another location, if necessary. They may also be self-propelled and mounted on a carrier with wheels or caterpillar tracks.

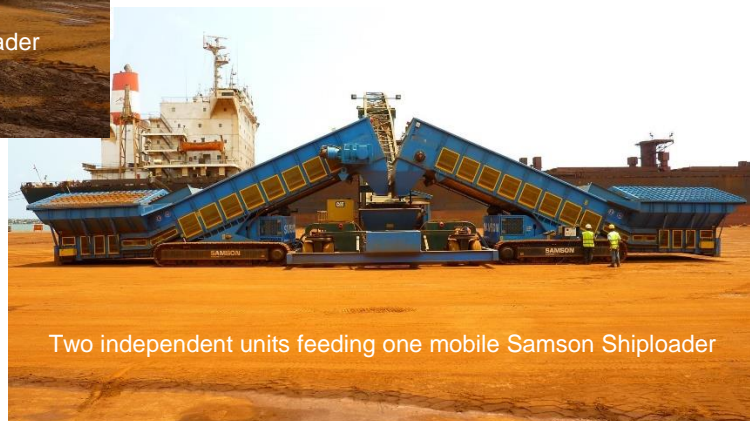
The construction is tested and proven in practical use over many years. All details are designed for low maintenance and long service life. New machines are, of course, designed for the specific material to be handled, which may be dusty, abrasive and lumpy. The design may also be adapted to specific ATEX requirements.

Samson invented the original concept of the Feeder more than 40 years ago and has delivered hundreds of units worldwide, handling materials as diverse as grain, wood pellets, coal, cement, bone and meat meal, mineral ore, gravel etc.

*Samson is a specialized manufacturer of mobile material handling equipment, including mobile shiploaders, boom feeders, link conveyors and is a member of the German Aumund Group.*



Diesel driven unit on tracks fed by front end loader



Two independent units feeding one mobile Samson Shiploader

### Links:

[www.samson-mh.com](http://www.samson-mh.com)

[www.aet-biomass.com](http://www.aet-biomass.com)