



PRESS RELEASE

## **Comprehensive protection of the environment with Samson® Material Feeders from AUMUND: emissions-free conveying of alternative fuels in power plants in Asia**

Hong Kong, September 2020

**Japan/Thailand:** To reduce climate-damaging CO<sub>2</sub> pollution by fossil fuels, energy intensive industries such as power plants are starting to use more and more alternative fuels. AUMUND offers conveying solutions for handling and conveying alternative fuels all over the world. AUMUND Asia in Hong Kong is supplying specially designed Samson® Material Feeders to customers in Thailand and Japan. The machines are equipped with filters and enclosures so that the intake and onward feeding of fuels can be carried out cleanly.

**Thailand:** One of AUMUND's biggest Thai customers operates a plant in Saraburi, just north of Bangkok, where industrial and household waste is pre-treated and made into highly calorific alternative fuel. This lightweight material is tipped by trucks directly onto two Samson® Material Feeders type 800, with a capacity of 80 tph each, to be conveyed onward to the thermal process. The Samson® Material Feeders guarantee not only efficiency but also a clean intake of the waste discharged by the trucks. This method avoids the trucks having to drive to the plant, reducing exhaust emissions.

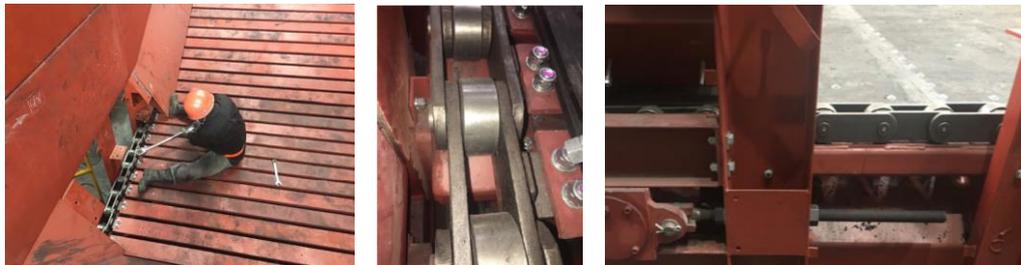
**Japan:** An AUMUND customer in Japan has also decided to purchase two Samson® Material Feeders type 800. These each have a capacity of up to 70 tph and will operate in a new biomass power plant in a port, where they will receive wood pellets and palm nut shells from front end loaders. The dust which would otherwise have been released into the environment by unloading and transporting the biomass from the storage hall to the boiler will be avoided, thanks to the filter and enclosure on the Samson® Material Feeder.

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**Photo series: Samson® Material Feeders from AUMUND in power plants**



Installation on site of the Samson® Material Feeder (all photos AUMUND)



Connecting the chain to the apron bars and testing the torque of the screws: the chain tension is correct



The belt is connected to the apron bars

Connection is complete



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### **About the AUMUND Group**

*The AUMUND Group is active worldwide. The conveying and storage specialists have special expertise at their disposal when dealing with bulk materials. With their high degree of individuality, both its technically sophisticated as well as innovative products have contributed to the AUMUND Group today being a market leader in many areas of conveying and storage technology. The manufacturing companies AUMUND Fördertechnik GmbH (Rheinberg, Germany), SCHADE Lagertechnik GmbH (Gelsenkirchen, Germany), SAMSON Materials Handling Ltd. (Ely, England), as well as AUMUND Group Field Service GmbH and AUMUND Logistic GmbH (Rheinberg, Germany) are consolidated under the umbrella of the AUMUND Group. The global conveying and storage technology business is spearheaded through a total of 19 locations in Asia, Europe, North and South America and a total of five warehouses in Germany, USA, Brazil, Hong Kong and Saudi Arabia.*

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### **Contact Sales**

#### **AUMUND Asia (H.K.) Limited, China**

[info@aumund-asia.com](mailto:info@aumund-asia.com)

[www.aumund.com](http://www.aumund.com)

### **Press Contact**

#### **AUMUND Holding B.V.**

[marketing@aumund-holding.nl](mailto:marketing@aumund-holding.nl)

[www.aumund.com](http://www.aumund.com)