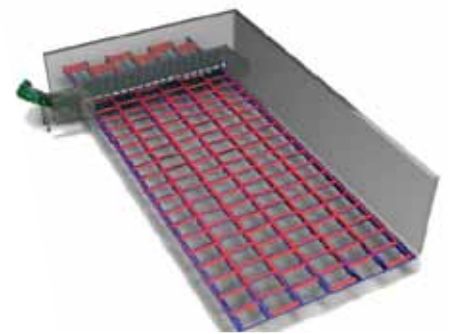


Slough Heat and Power

Biomass Reception and Handling System



Saxlund have supplied one stockpile Push Floor discharge machine with a capacity of 200m³. The stockpile is maintained at an average height of 4m using the mobile plant and the static stockpiles of material within the storage building. The material is pulled towards the discharge opening by the reciprocating action of the Push Floor and falls into a vibrating conveyor after passing through the adjustable gate and under a levelling screw. The chain conveyor pulls the material towards the outlet and discharges onto a belt conveyor.



Slough Heat and Power

Biomass Reception and Handling System

Here at Saxlund, we thrive on being at the forefront of the bulk solids handling and storage industry. Our dedicated team of professionals are constantly developing new machinery and components, to ensure we give you the customer the best quality possible and keep Saxlund the industry standard.

Over the last 50 years our group have had constant demand from companies worldwide. We offer a complete solution - bespoke design, construction, commissioning and comprehensive "after-sales" support.

Our specialist knowledge, with particular expertise in flat bottom silos and bunkers, can be applied to bulk materials and alternative energy solutions for industries including cement, bioenergy, wastewater and recycling.

Technical Data

Saxlund project ref. no.: SUK 1034
Year of construction: 2003
Material: Wood chips & recycled wood and small washed coals

Specification

Discharge rate: 200 m³/hr

Equipment

1 x Push Floor Discharge Machine

Type: ZB-160-5x1600

Dimensions: 5 ladders 1.6m (w) x 11.8 -7.8m (l)

Average filling height: 4m

Storage capacity: 200m³

Hydraulic cylinder diameter: 160mm

Hydraulic power pack motor rating: 55kW

Tank capacity: 800L

1 x Levelling Screw Conveyor

Type: KA450

Length: 8051mm

Motor rating: 7.5kW

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