

Allscott Sugar Factory

Pressed Sugar Beet Pulp Storage & Lorry Loading System



The pressed sugar beet pulp is fed to the Saxlund truck loading silo by belt conveyor. The silo is equipped with the patented Ssaxlund Twin Element Sliding Frame Machine. Both the silo and Sliding Frame were manufactured from stainless steel. The Sliding Frame moves the material over the discharge screw which feeds it, in a metered fashion, to the truck stationed below. The discharge outlet has been fitted with a slide gate valve to stop the flow of material when necessary.



www.saxlund.co.uk

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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 1020
Year of construction:	2001
Material:	Pressed sugar beet pulp
Bulk density:	approx. 320 kg/m ³ loose, 480 tapped, 644 compacted
Dry solids content:	24 - 26%
Specification	
Discharge rate:	220m ³ /hr
Equipment	
Truck Loading Silo with Twin Sliding Frame Discharge Machine	
Silo diameter:	7m
Silo capacity:	410m ³
Sliding Frame type:	GL-7000-SSX-DM (contact parts in stainless steel)
Hydraulic cylinder diameter:	200mm
Hydraulic power pack motor rating:	2 x 15kW
Tank capacity:	250L
Discharge screw type:	DM
Length:	6.4m
Discharge screw motor rating:	37kW

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