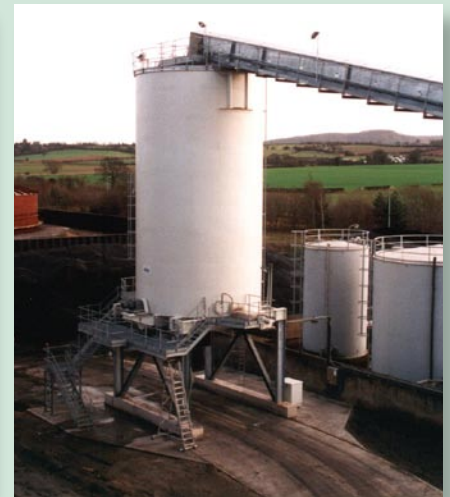




## PLANT REPORT



# 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 SAXLUND 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.

### Saxlund products for silo and conveying technology:

- Solids Handling Pumps ● Troughed Chain Conveyors
- Screw Conveyors ● Combustion Plants
- Sliding Frames ● Control Systems
- Push Floors ● Rotary Valves
- Elevators ● Tubefeeders





# Allscott Sugar Factory

## TECHNICAL DATA

<b>Saxlund project ref. no.:</b>	SUK 1020
<b>Year of construction:</b>	2001
<b>Material:</b>	Pressed sugar beet pulp
<b>Bulk density:</b>	approx. 320 kg/m <sup>3</sup> loose, 480 tapped, 644 compacted
<b>Dry solids content:</b>	24 - 26%
<b>SPECIFICATION</b>	
<b>Discharge rate:</b>	220m <sup>3</sup> /hr
<b>EQUIPMENT</b>	
<b>Truck Loading Silo with Twin Sliding Frame Discharge Machine</b>	
<b>Silo diameter:</b>	7m
<b>Silo capacity:</b>	410m <sup>3</sup>
<b>Sliding Frame type:</b>	GL-7000-SSX-DM (contact parts in stainless steel)
<b>Hydraulic cylinder diameter:</b>	200mm
<b>Hydraulic power pack motor rating:</b>	2 x 15kW
<b>Tank capacity:</b>	250L
<b>Discharge screw type:</b>	DM
<b>Length:</b>	6.4m
<b>Discharge screw motor rating:</b>	37kW

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### SAXLUND WORLDWIDE

30+ offices, agents and subsidiaries in countries around the globe.

