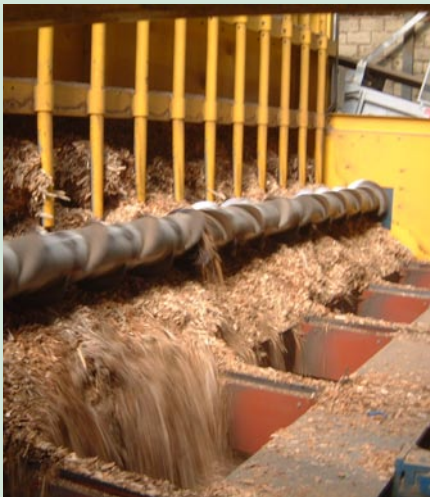


PLANT REPORT



Slough Heat and Power

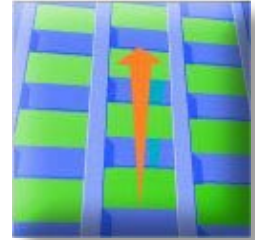
Biomass Reception and Handling System

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.

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





Slough Heat and Power

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 m ³ /hr
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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:	200m ³
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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