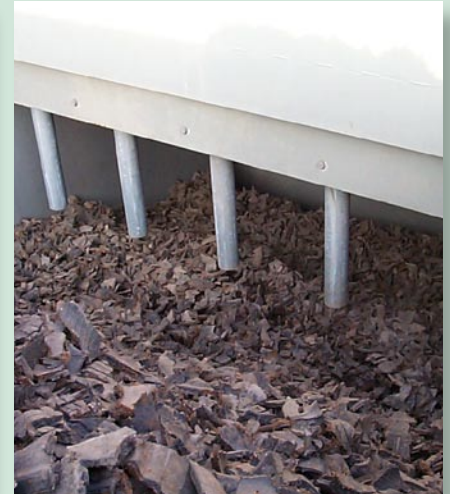


PLANT REPORT



Ribblesdale Tyre Chip Handling Project

Tyre Chip Handling Bunker with Metering Belt Conveyor & Scalping Drum

In 2002 Saxlund International Ltd supplied a tyre chip truck reception bunker equipped with the SAXLUND Push Floor discharge machine at the existing Ribblesdale Tyre Chip Handling Plant. The Push Floor discharges the tyre chips to our metering belt conveyor with scalping drum and belt weighing system. This conveys the material in a metered fashion from the bunker to the Bucket Elevator.

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





Ribblesdale Tyre Chip Handling Project

TECHNICAL DATA

Saxlund project ref. no.:	SUK 1029
Year of construction:	2002
Material:	Tyre chips
Bulk density:	approx. 500 - 550 kg/m ³
Moisture content:	ambient
SPECIFICATION	
Discharge rate:	1 to 7.2 Te/hr variable
EQUIPMENT	
1 x Reception Bunker with Push Floor Discharge Machine	
Bunker capacity:	50m ³ approx
Average filling height:	3m
Push Floor type:	SB 160-2x1.5/8-DB
Dimensions:	2 ladders 8210mm (l) x 1500mm (w)
Hydraulic cylinder diameter:	1 60mm
Hydraulic power pack rating:	11kW
Tank capacity:	125L
1 x Metering Belt Conveyor with Scalping Drum	
Type:	DB 1
Belt conveyor motor rating:	1.5kW with inverter control
Belt conveyor speed:	0.06 min/s at 50 Hz
Scalping drum motor rating:	9.2kW with inverter starting

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