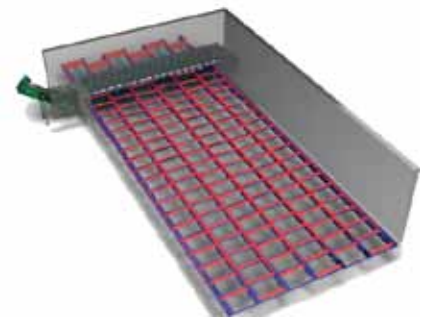


# Ribblesdale Tyre Chip Handling

## 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.



# Ribblesdale Tyre Chip Handling

## Tyre Chip Handling Bunker with Metering Belt Conveyor & Scalping Drum

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 1029
Year of construction:	2002
Material:	Tyre chips
Bulk density:	approx. 500 - 550 kg/m <sup>3</sup>
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 <sup>3</sup> 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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