OTPA-7-1 **Ballast Regulator / Plough**

Manufacturer	Richter & Muller	**Model**	S1
Suppliers	Tasty Plant		

Description:

The S1 Ballast Regulator / Plough attachment is an efficient and cost effective way of re-distributing excess ballast. A purely mechanical design it attaches directly to the host RRV boom. It has 2 adjustable wings which can be swung round forward or trailing behind. The wings can be altered to adjust the angle and area that the wing collects surplus ballast from or spreads the ballast across.

It can be used to collect additional ballast in the cess and force the ballast over the cess rail and into the 4 foot. Likewise, the process can be repeated on the 6 foot rail to transpose the ballast into the 6 foot area.

The benefit of this attachment over a Profile Bucket is that it can collect and spread material outside the width of the sleeper it is working on.

The negative point with the Ballast Plough being, unlike the ballast bucket, it cannot pick up a bucket of ballast and carry ballast.

Scope of Use	Redistribution of excess ballast on track
Competencies	Machine Controller, Crane Controller & OTPA-7
Product Approval No.	PA05 / 01371
Risk Control Sheet No(s).	NR/L3/MTC/RCS0216/MP01-03 and MP07

OTPA-7-1 **Ballast Regulator / Plough**

Control Measures Required:

Equipment Operator(s) to have Safe Systems of Work in place for All operational circumstances on the Network Rail Managed Infrastructure.

Limitations of Use:

It shall only operate inside possessions.

If adjacent lines are open to traffic, it shall only be used in accordance with the Method Statement for the possession and only if the safe system of work has taken account of gauge exceedance.

It shall NOT be used on live conductor rail lines.

The regulator shall be lifted over S&C and raised check rails.

Staff shall be briefed on the safe operation of the machine prior to its use.

The limitations of the RRV to which the machine is attached shall apply.

The Ballast Plough must NOT be disconnected from RRV whilst on track.

Minimum documentation requirement for the host machine are:

Operating Instruction Manual

Engineering Acceptance Certificate (including Limitations of Use)

Logbook

Additional documents may include:

Product Acceptance Certificate(s), Test Records and Inspection Records etc.

Technical Specification:

Weight	1.1 tonnes
Length	1900 mm
Width	1200 mm
Height	1200 mm