

OTPA-27-2

Sleeper Spacer



Manufacturer GOS Tool & Engineering Services **Model** 4 & 7 Leg

Description

The hydraulic Sleeper Spacing attachment - (4 and 7 leg variants) are designed for the high output unloading and laying of concrete sleepers. The telescopic frame structure make it small, light weight yet its easy adjustable to fit most types of current sleepers.

Different clamps can be mounted on this machine, depending on the shape, length and nature of the sleepers to be handled. They can grip up to 7 sleepers at once.

The main advantage of these attachments is their ability to lay down the sleepers to a chosen spacing. Thanks to a simple adjustment, the operator can modify the spacing when needed (for example for curves or any other types of tasks).

The hydraulic telescopic arms work independently, so that sleepers of different lengths can be held safely. The 360° rotator drive provides endless slewing motions for reaching virtually any position.

Scope of Use Lifting and placing sleepers

Competencies Machine Controller, Crane Controller & OTPA-10

Product Approval No. -

Risk Control Sheet No(s). NR/L3/MTC/RCS0216/MP01-03 MP06, and MP07

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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

The Sleeper Layer must only be used by authorised and competent personnel in accordance with mandatory rules, regulations and the equipment operating instructions.

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.

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.

It must not be used under live overhead line equipment or in live conductor rail areas.

Minimum documentation requirement for the host machine are:

Maintenance and Operating Instructions, Product Acceptance Certificate (including Limitations of Use), LOLER Certificate and Logbook.

Additional documents may include:

Performance Test Records, Inspection Records, Test Certificates, Load Radius Charts (duty charts) etc.

Technical Specification

	Model	4 Leg	7 Leg
Lifting Capacity (kg)		1500	2500
Weight (kg)		1000	1250
Length (mm)		2500	3200
Height (mm)		1500	1500
Width with clamps (mm)		2000	2000
Maximum Pressure (bar)		70	70
Hydraulic Flow (l/min)		50	50

Note; All dimensions are approximate. Please check with the OEM for accurate technical details.