WAGON TYPE	COMMODITY
SLINGER trains 1 to 3	SLEEPERS

Carrying Capacity:

Gross Laden Weight 81.2 tonnes
Carrying Capacity 41.6 tonnes
Tare 39.6 tonnes
For exact loading limits see individual wagon on TOPS

Load Positioning:

Steel Sleepers

28 packs of steel sleepers shall be loaded in within steel stillages. Stillages shall be secured to the wagon body by four steel pegs.
Steel sleepers with furniture fitted may be loaded up to nine tiers high on old type stillages that have fork lift pockets underneath.
(Some may be loaded 10 high but, in this case, they shall be stencilled accordingly.)
Steel sleepers with furniture fitted may be loaded up to 10 tiers high on new type stillages that have fork lift pockets fitted topside.
Load the steel sleeper stacks as level as possible.
The sleeper lifting beam shall be in contact with at least one sleeper stack within each stillage.

Old type stillage

New type stillage

Concrete / Wooden Sleepers (Slinger 2 and 3 only)

Wagons can be loaded either one, two or three tiers high in complete tiers only. Tiers can be loaded with up to 60 sleepers.
Place timber bearers 4.6 m x 75 mm x 75 mm on the deck of the wagon and between the tiers of sleepers. Timbers shall be of one piece and in good condition.
Floor bearers attached to the floor have metal brackets that are vertical to prevent the base tier moving. Intermediate timbers have brackets that lock both the lower and upper sleepers. Intermediate timbers shall be placed in the rail housings.
Position the base timbers between the crane bases and towards the headstocks, and between the two crane bases. Place the timbers approximately in line with the sleeper rail housings approx. 300 mm from the wagon side. When positioning the two lengths of timber, the two brackets of the adjacent timber shall butt up against each other.
Let no sleeper extend more than 230 mm from the side of the wagon.
Position intermediate timbers so that the lower part of the bracket is just over the side

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of the sleeper and that subsequent tiers are loaded directly above the lower one. Load the sleepers straight, as eight corner pieces are used along the sleeper ends to prevent transverse movement.

Stanchions:
Do not load sleepers above its stillage stanchions. The stanchions on the two outermost pins of the outer stillages have a removable extension. Replace this when the beam has been loaded.

Bolsters: N/A

Dunnage: For wood and concrete sleepers only 4.6 m x 75 mm x 75 mm fitted with special metal end brackets.

Unsecured Loads: Not Permitted

Securing Equipment:
Steel sleepers
10 throw-over straps with protective sleeves
Concrete/Wooden sleepers
13 throw over straps with protective sleeves. Three straps per length of timber with an additio overlap in the centre.

Beam and timber dunnage.
Six straps with protective sleeves.

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