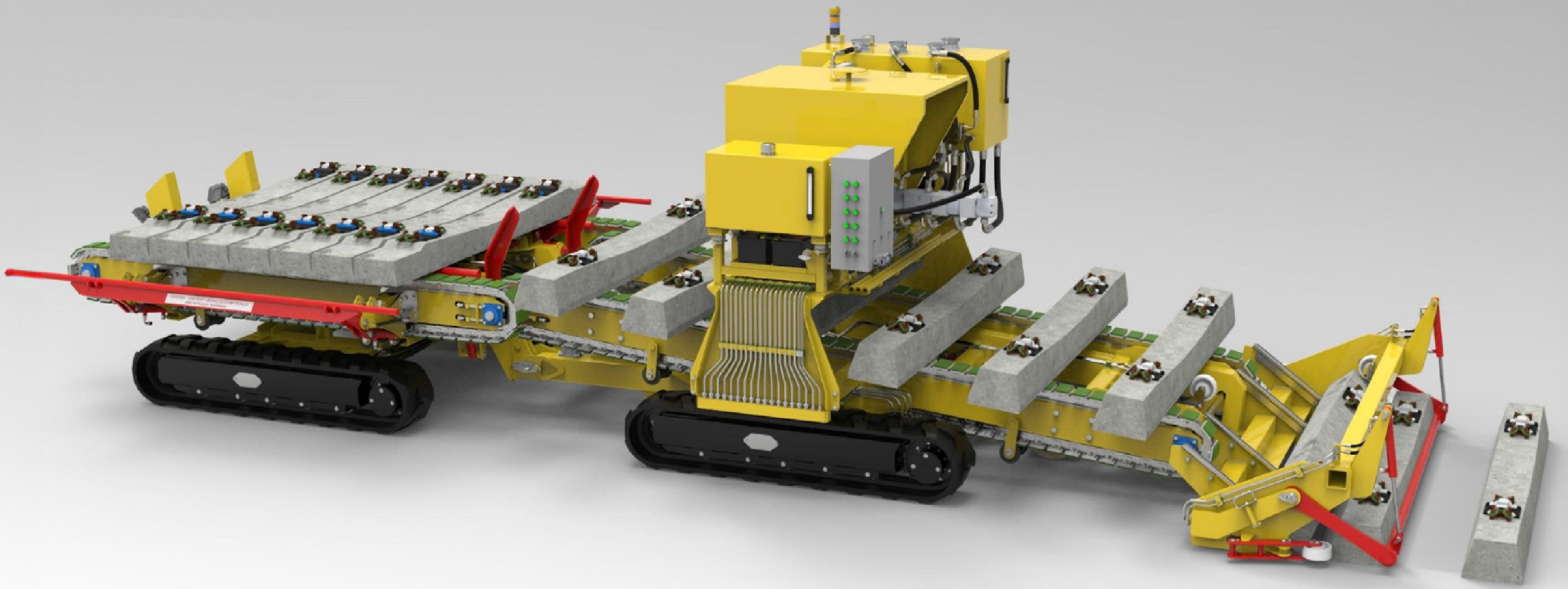


# Sleeper Layer System

<b>Number of sleepers per lift</b>	<b>7</b>
<b>Number of sleepers per hour</b>	<b>Up to 500</b>
<b>Concrete sleepers</b>	<b>YES</b>
<b>Wood sleepers</b>	<b>YES</b>
<b>Composite sleepers</b>	<b>YES</b>
<b>Short end sleepers</b>	<b>YES</b>
<b>Spacings</b>	<b>Any spacing specified</b>
<b>Fine line</b>	<b>YES</b>
<b>Guidance</b>	<b>Geospatial</b>
<b>HSE fatigue concentration level</b>	<b>Medium</b>
<b>Operation</b>	<b>Remote controlled</b>
<b>Pick from CESS</b>	<b>YES</b>
<b>Lateral movement in hitch</b>	<b>YES</b>





# Sleeper Layer System

Consistently lay up to 500 sleepers per hour

Remote controlled unit guided by geospatial technology

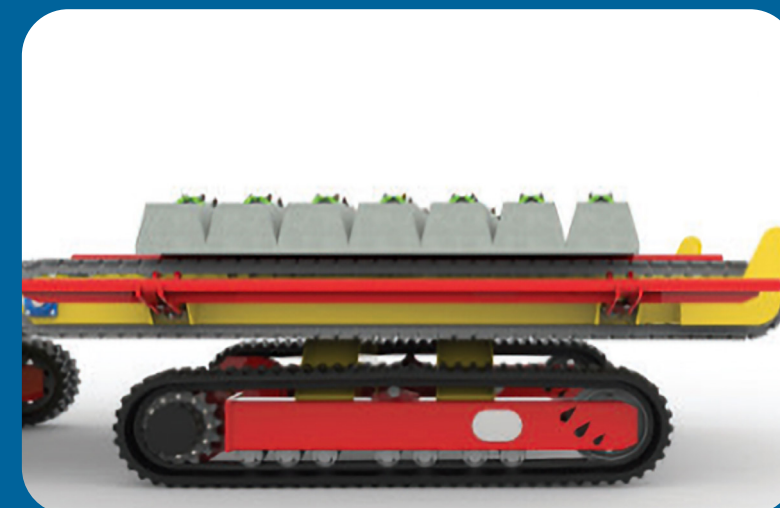
No requirement for fine lining

Load with a simple multi-sleeper grab, mounted on an excavator

Unlimited options for sleeper spacing



Two round bars between the conveyor tracks of the loading deck can be raised when the deck is empty to protect the conveyor tracks as a pack of sleepers is lowered onto the machine.



Sleepers are placed on the bars which then lower them in a controlled manner onto the conveyor tracks.



Alignment hooks behind the sleeper pack as it is lowered onto the conveyor tracks.

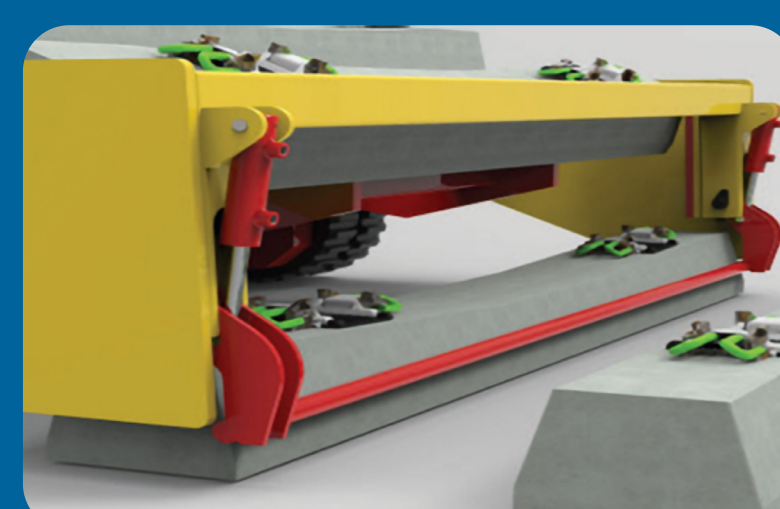
Alignment hooks deployed ready to 'square' sleepers.



Conveyor tracks move sleepers against the alignment hooks to turn the pack square to the frame of the machine. Bars to the sides of the newly loaded pack can be raised to push the pack across the machine to centre the sleepers.



A measuring wheel drives a shaft encoder so that the control system can precisely measure out the sleeper spacing. The conveyor slides a sleeper onto the sloping top surface of the forks which then lower the sleeper.



Once the sleeper is on the ballast bed it is dragged to its final position by a bar mounted across the rear of the machine.

**STORY**  
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