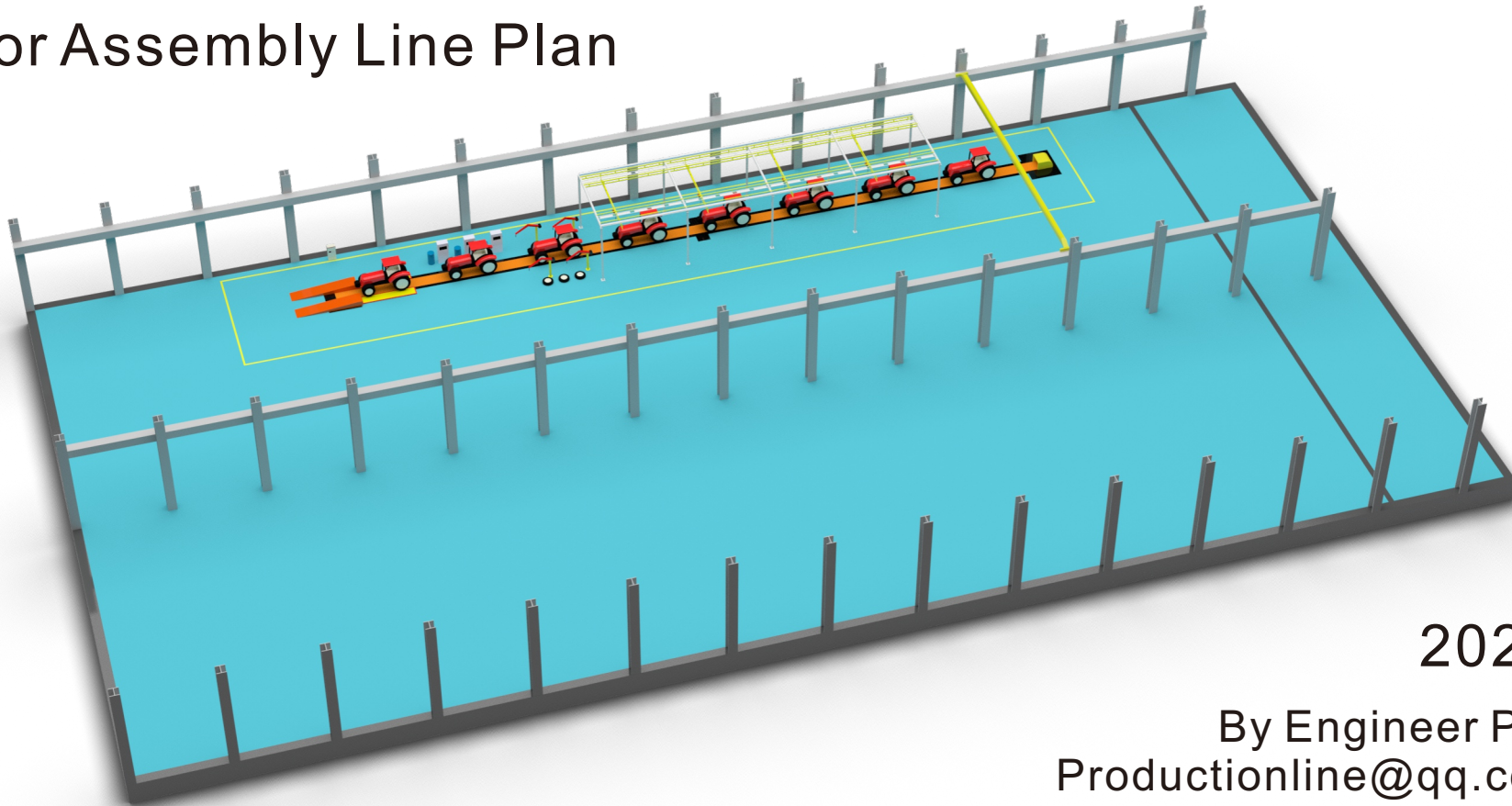
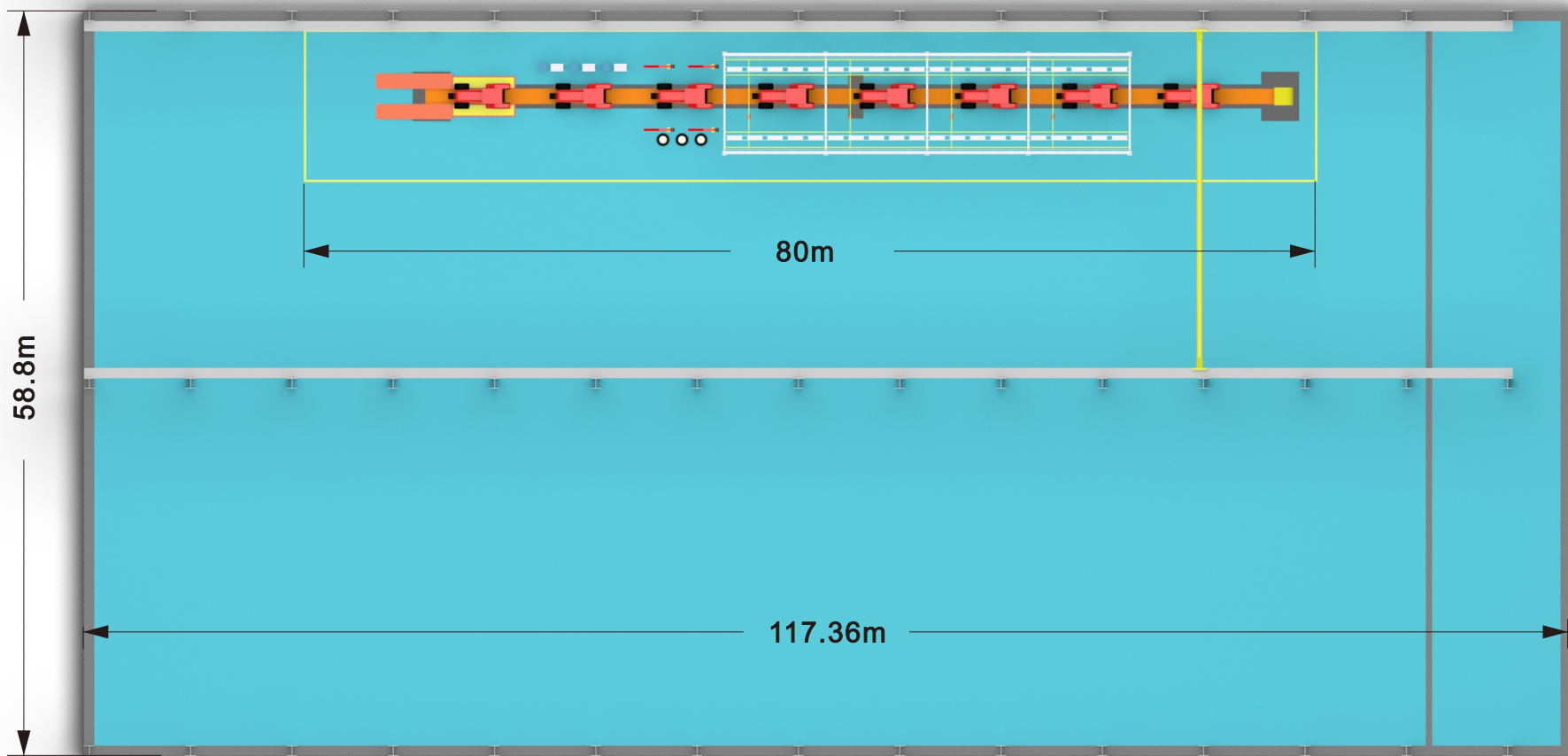


# Tractor Assembly Line Plan



2025

By Engineer Pan  
Productionline@qq.com



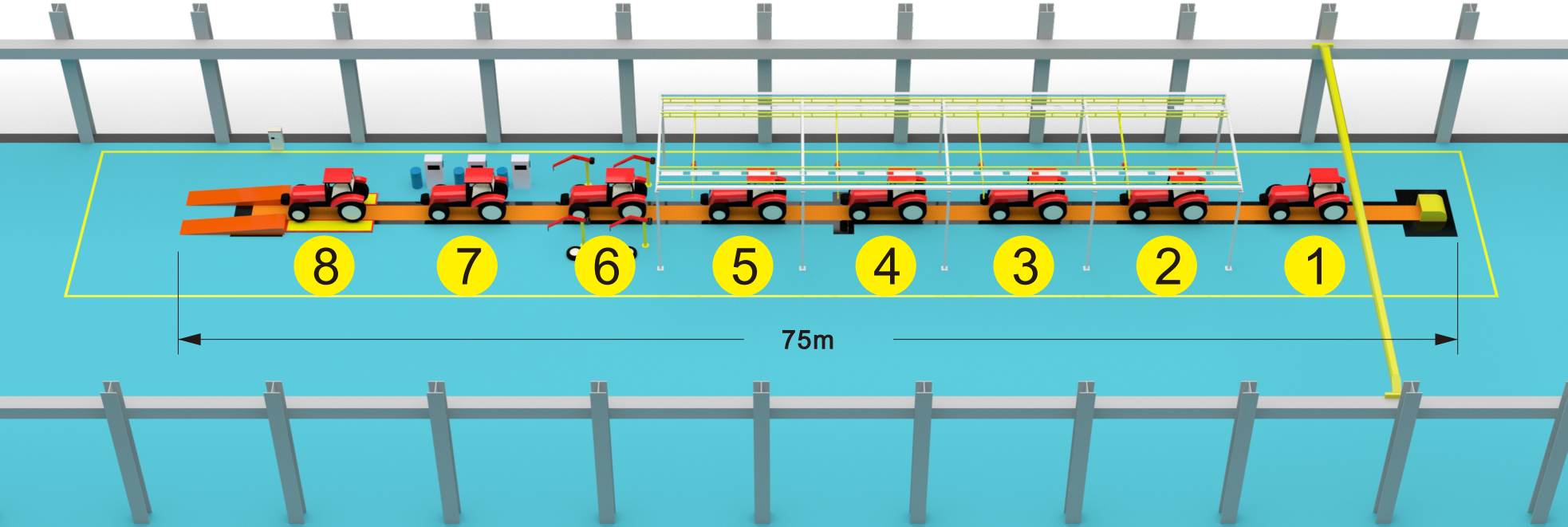
80m

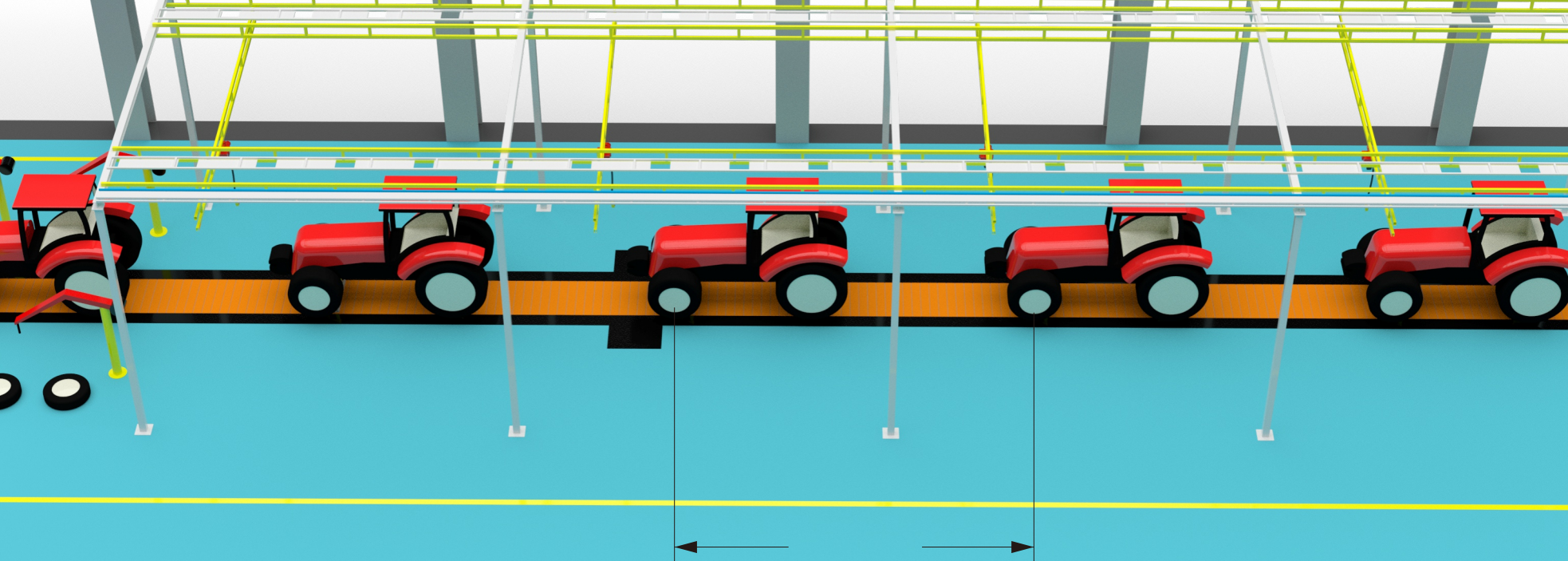
117.36m

58.8m



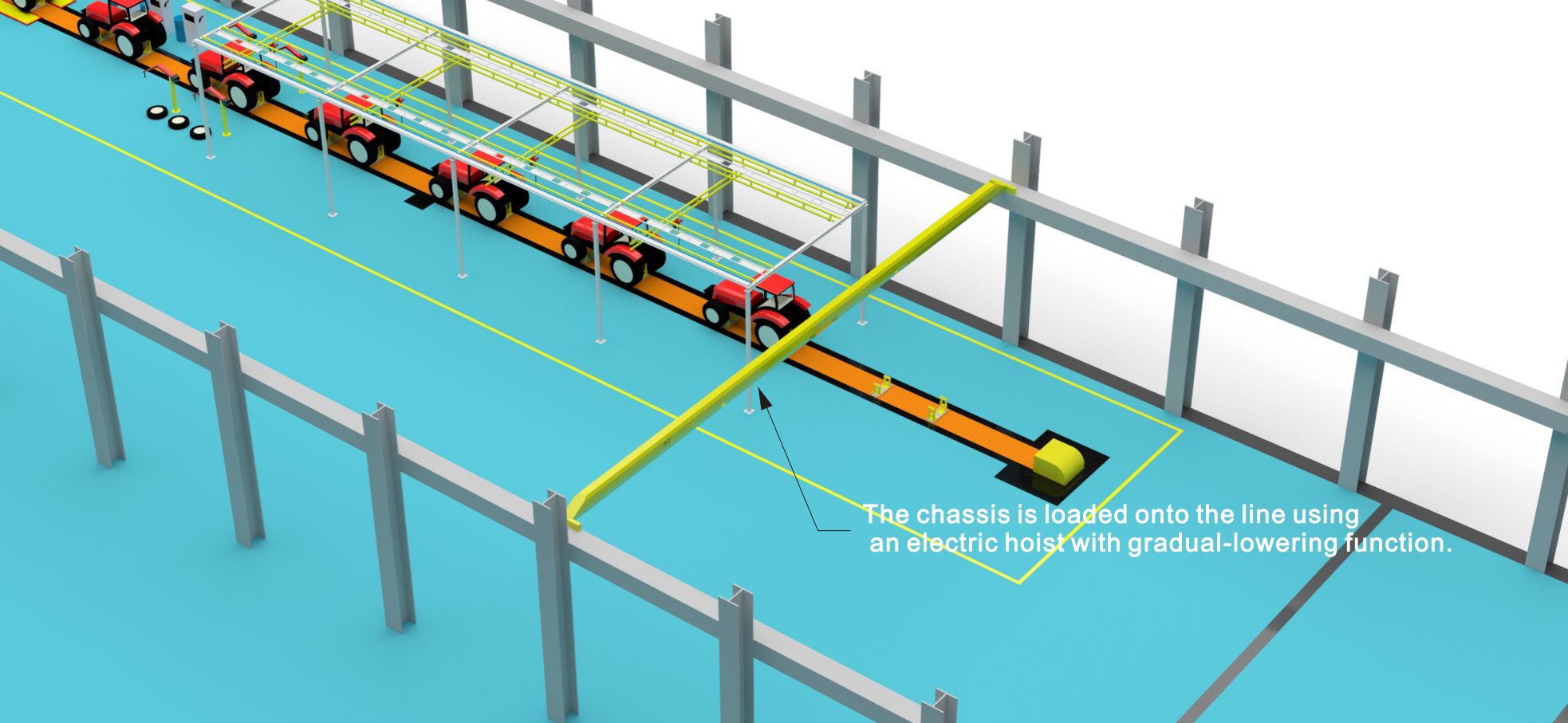
The total length of the assembly line is approximately 75 meters and it is divided into 8 assembly stations.





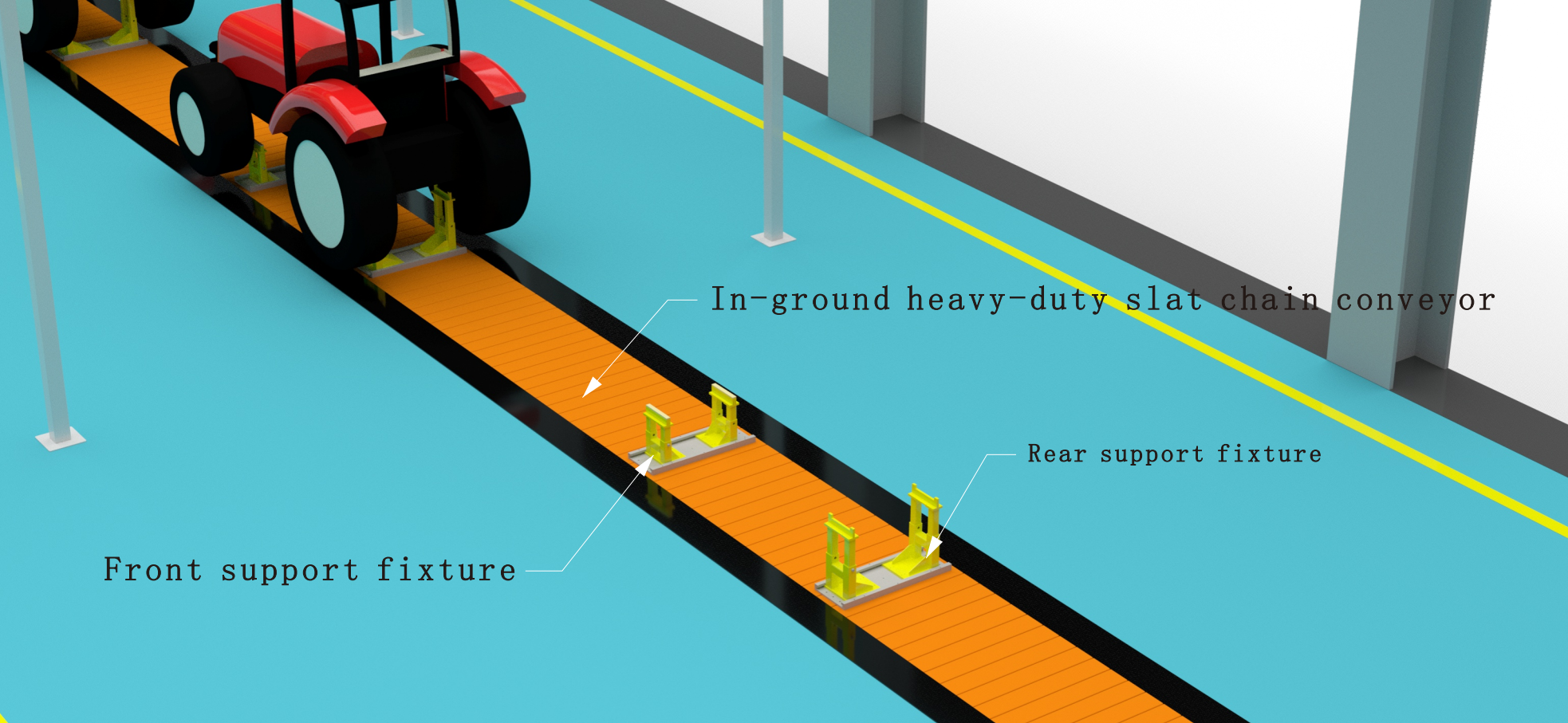
The spacing between stations is 8 meters.

The length can also be reduced as needed.



The chassis is loaded onto the line using an electric hoist with gradual-lowering function.



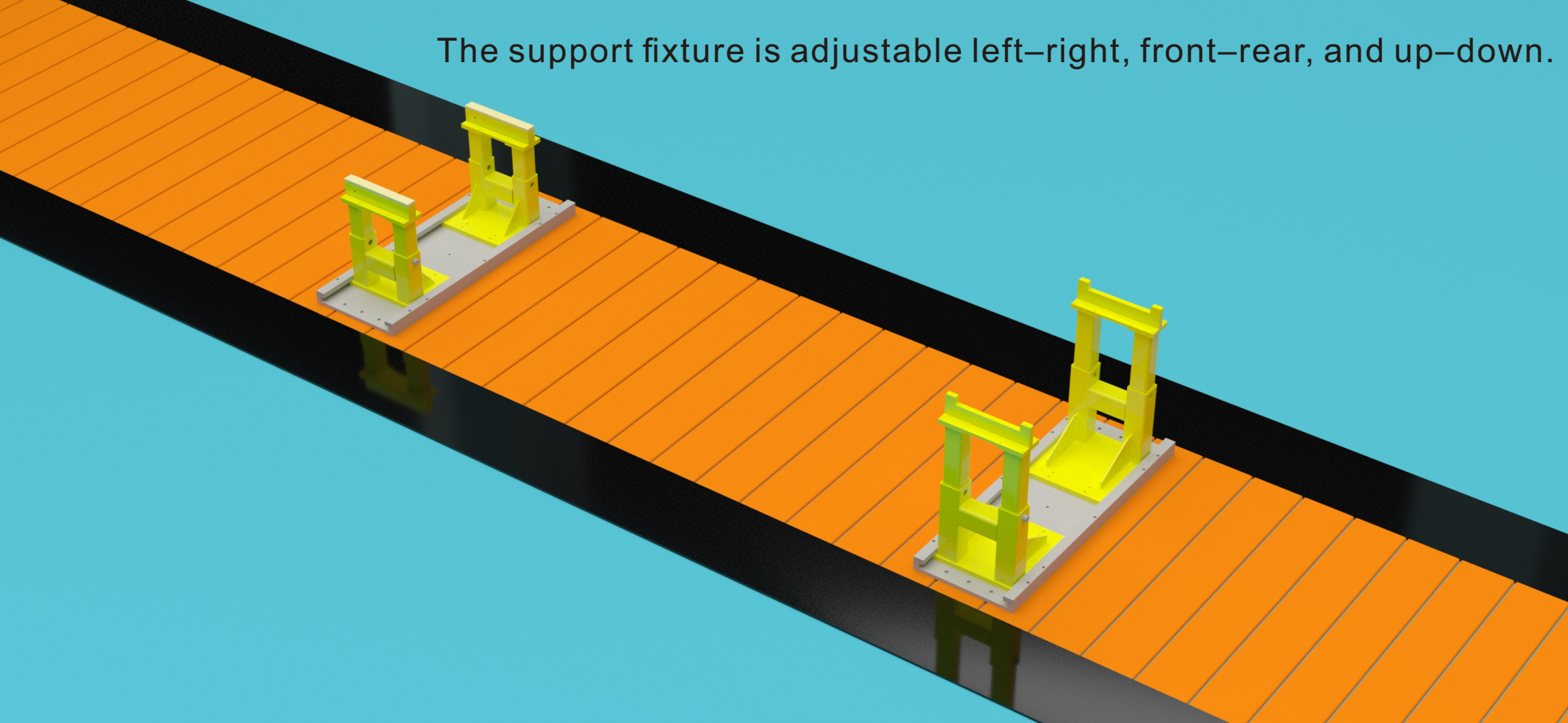


In-ground heavy-duty slat chain conveyor

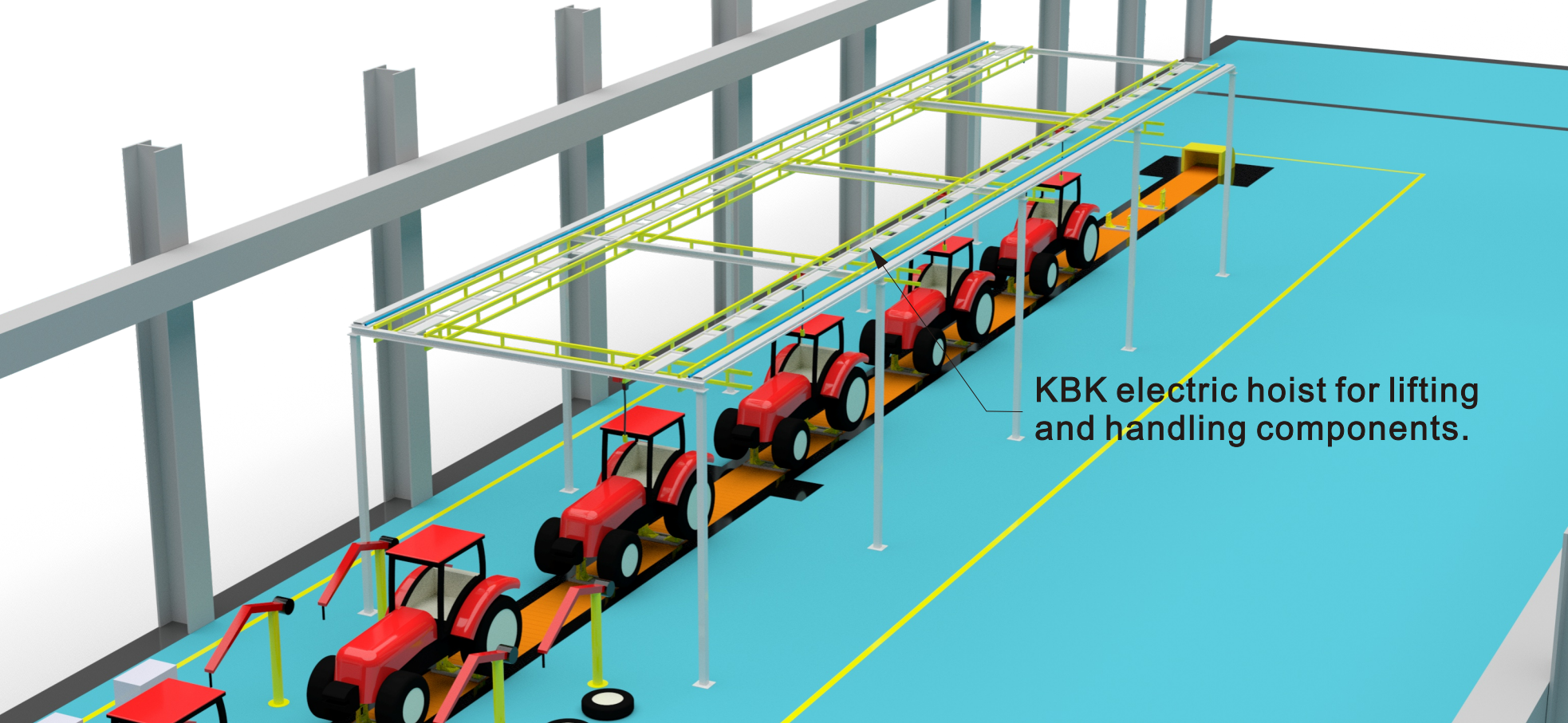
Rear support fixture

Front support fixture

The support fixture is adjustable left–right, front–rear, and up–down.







**KBK electric hoist for lifting  
and handling components.**

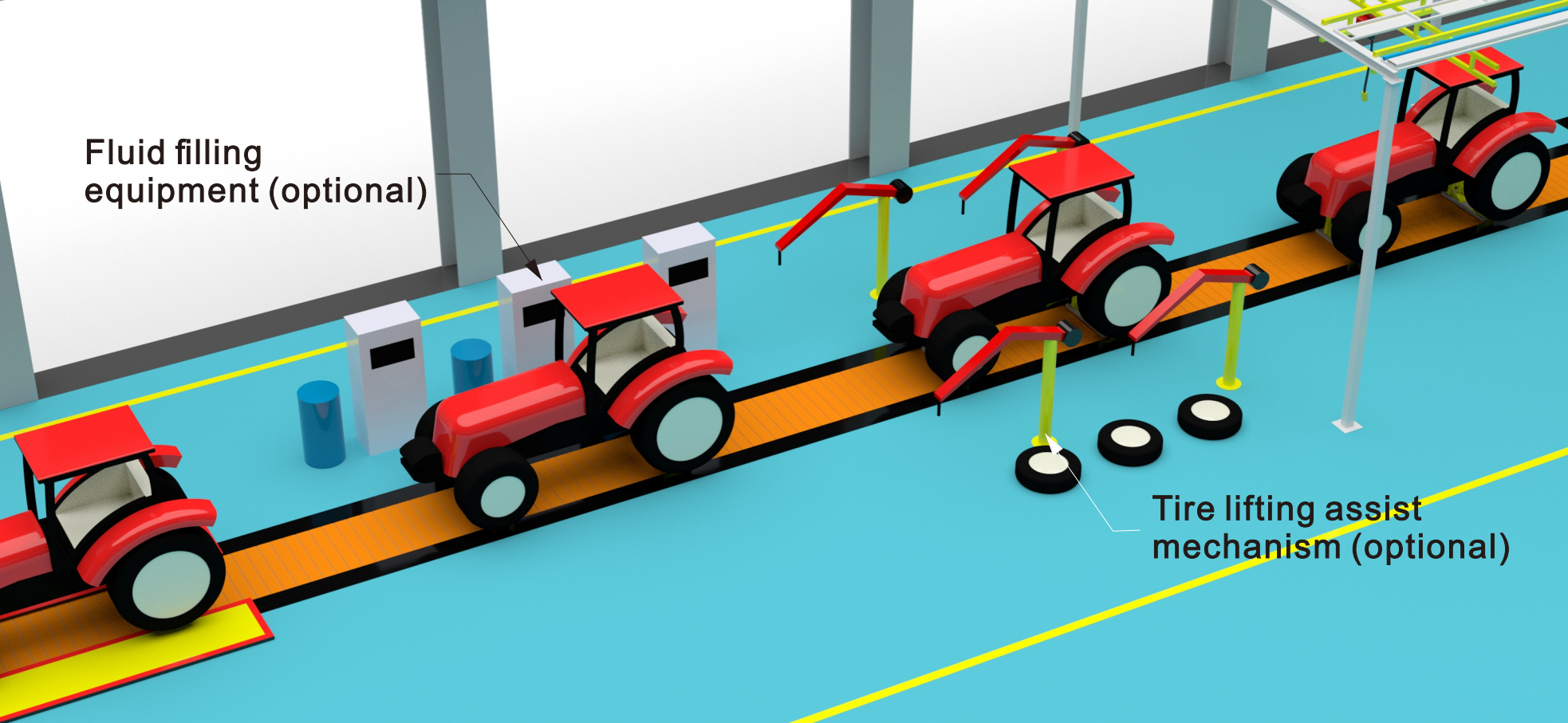




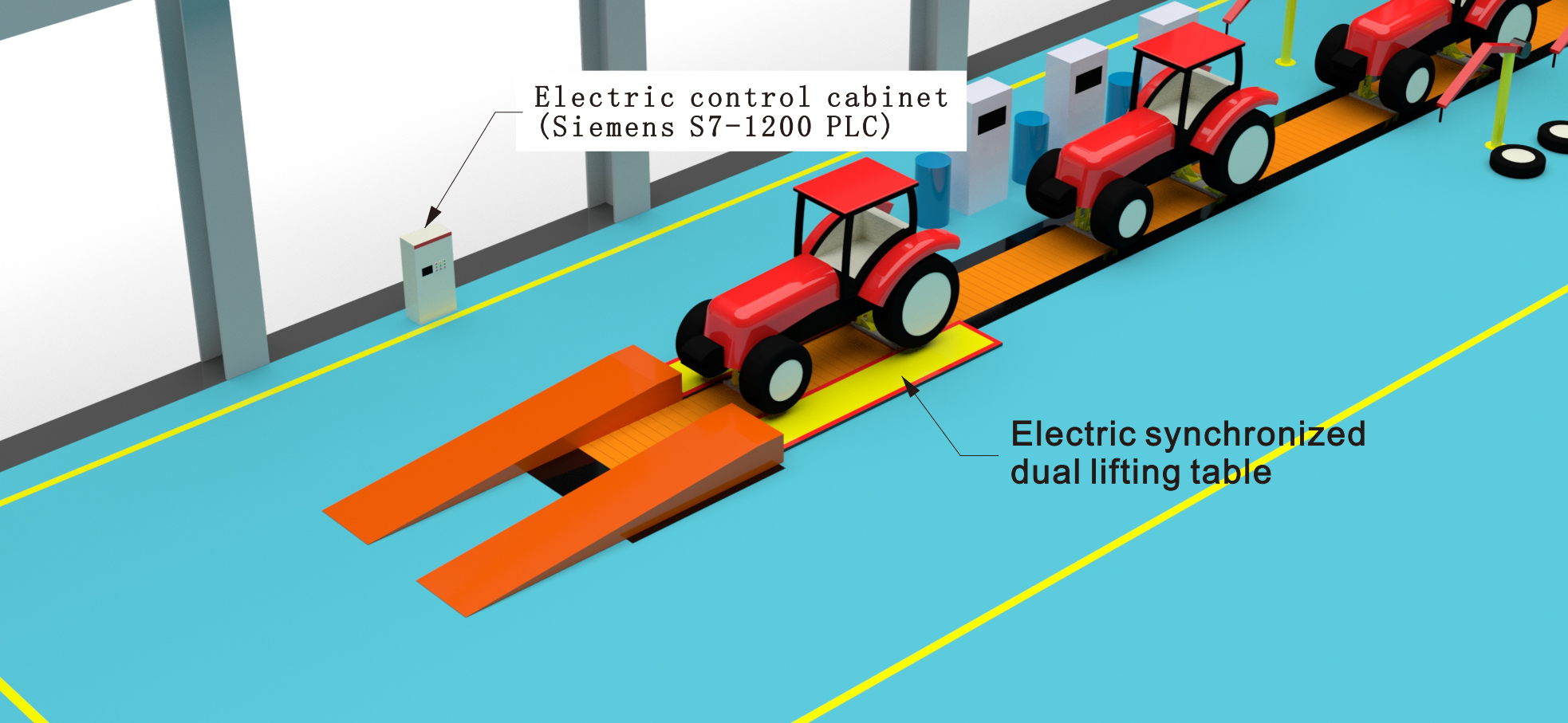
A 3D architectural rendering of a modern industrial facility, likely a manufacturing or assembly plant. The scene is viewed from a low angle, looking down a long aisle. On the right side, a line of red and black industrial vehicles, possibly forklifts or automated guided vehicles, is parked or moving along a yellow line on the floor. The floor is a light blue color. Above the vehicles, a complex network of yellow overhead infrastructure is visible, including slide rails, lighting fixtures, and compressed-air piping. The structure is supported by tall, grey vertical columns. In the background, more of the facility's structure is visible, including a series of grey columns and a sloped roofline. A text box on the left side of the image points to the overhead infrastructure with a black arrow.

Overhead-integrated lighting,  
tool slide rails,  
and compressed-air piping

Fluid filling  
equipment (optional)



Tire lifting assist  
mechanism (optional)

A 3D perspective rendering of a tractor assembly line. Three red tractors are positioned on a yellow track that runs along a light blue floor. The track is supported by orange dual lifting tables. To the left of the track, a grey electric control cabinet is mounted on the wall. Callout lines point from text labels to the control cabinet and one of the lifting tables. The background shows a simple industrial setting with grey pillars and a white wall.

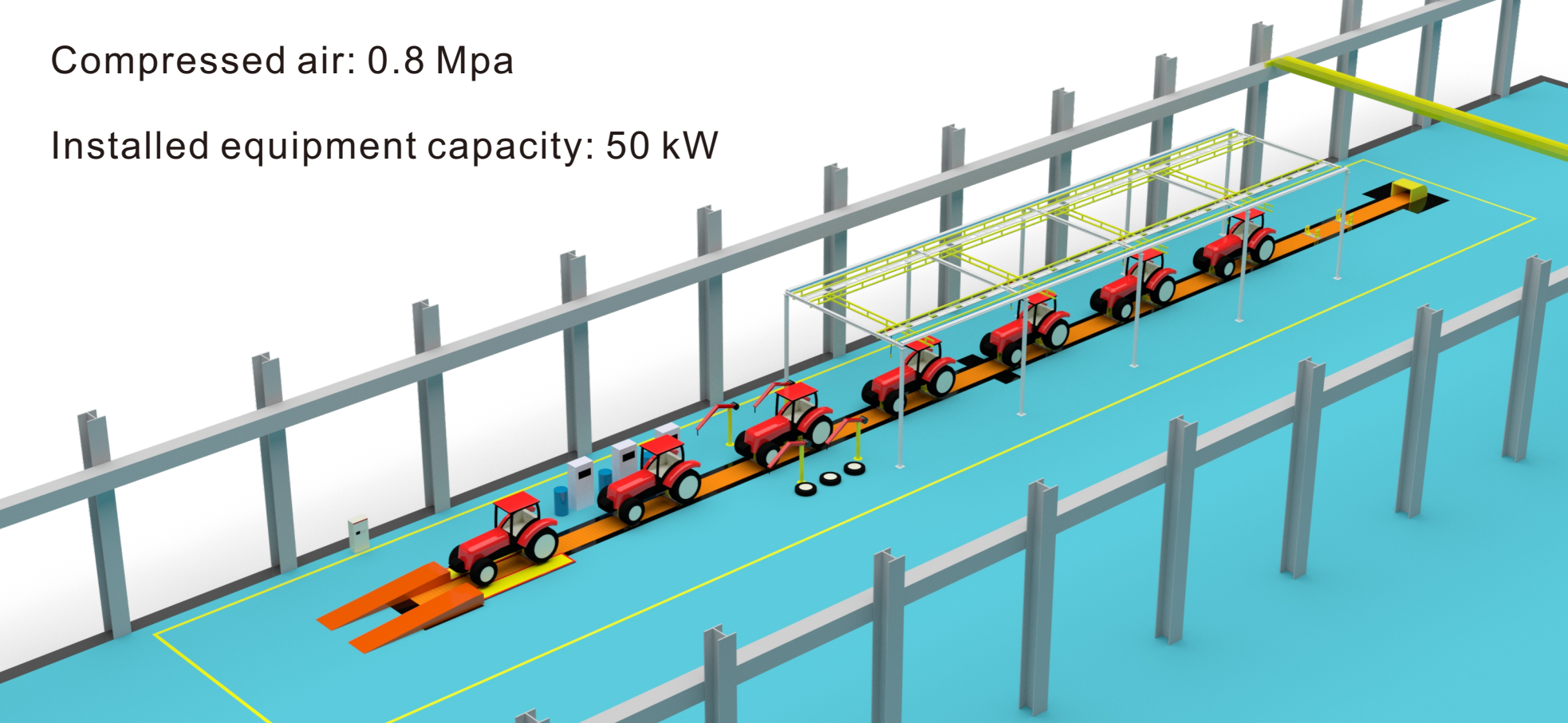
Electric control cabinet  
(Siemens S7-1200 PLC)

Electric synchronized  
dual lifting table



Compressed air: 0.8 Mpa

Installed equipment capacity: 50 kW

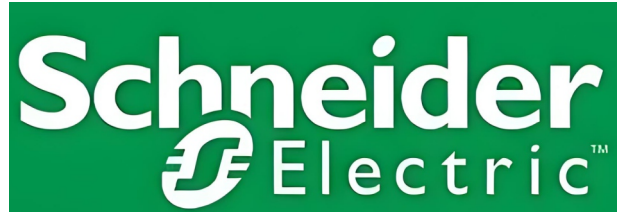




## Project case photos

This assembly line has been in operation at the customer's facility for 12 years and is still running today.

We use components from internationally renowned brands.





# Thank You !

