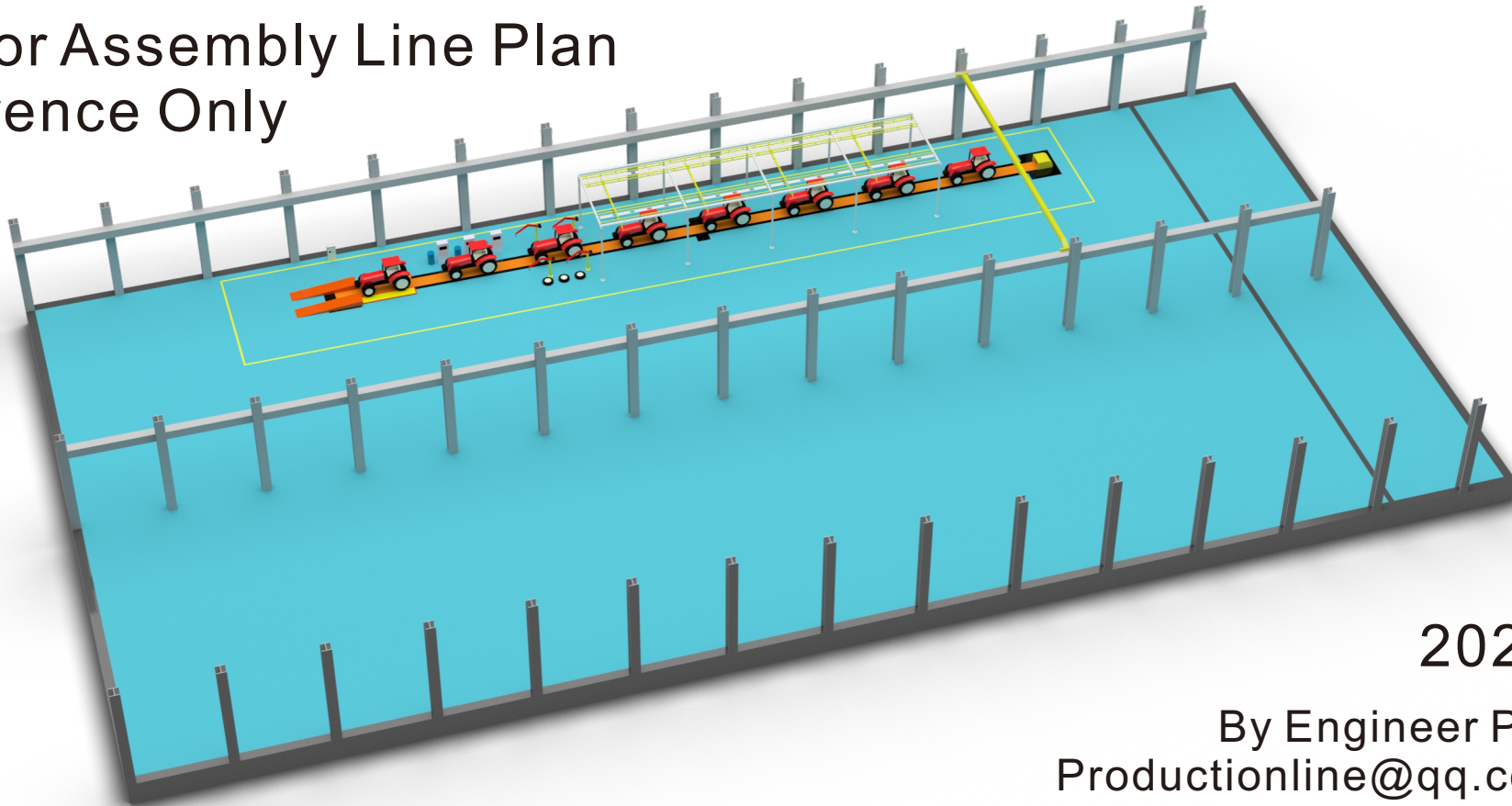


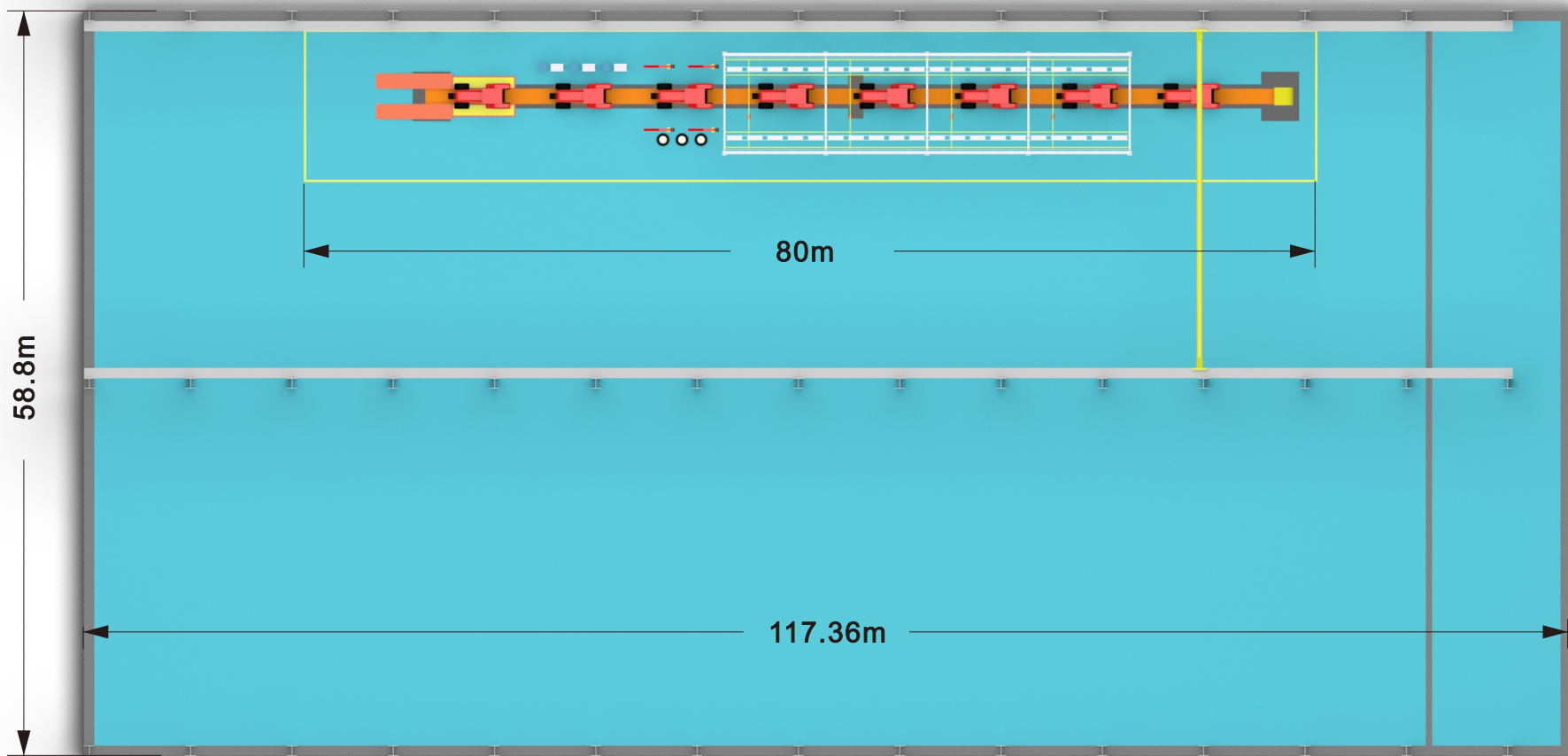
Tractor Assembly Line Plan

Reference Only

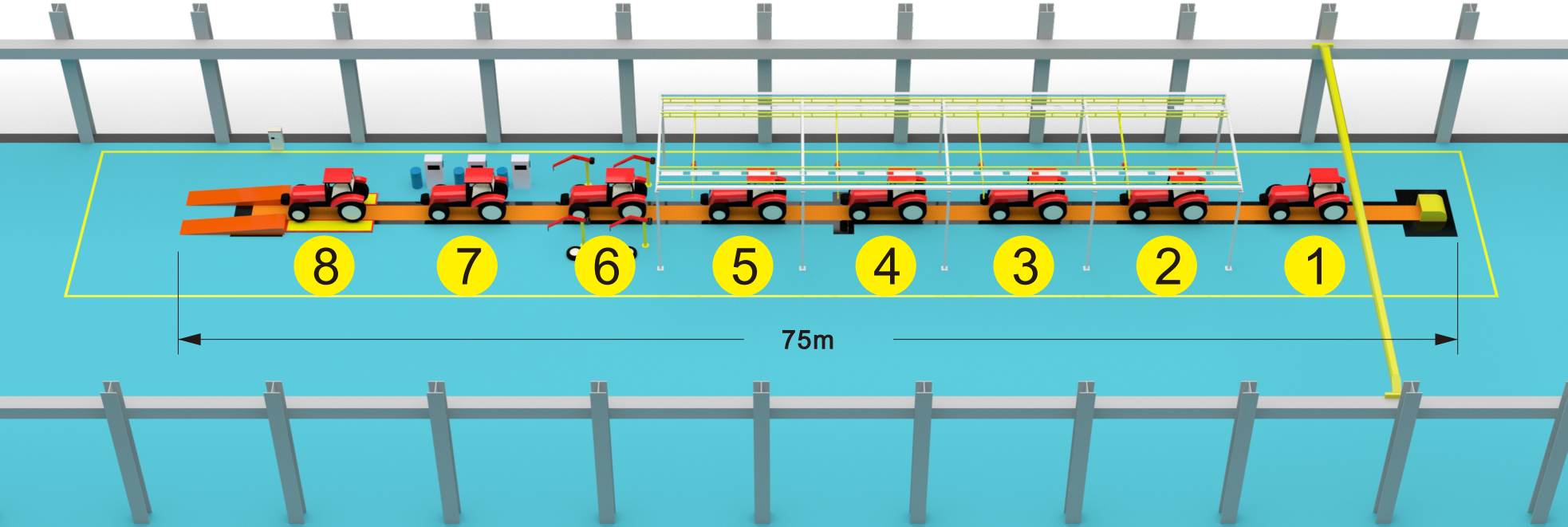


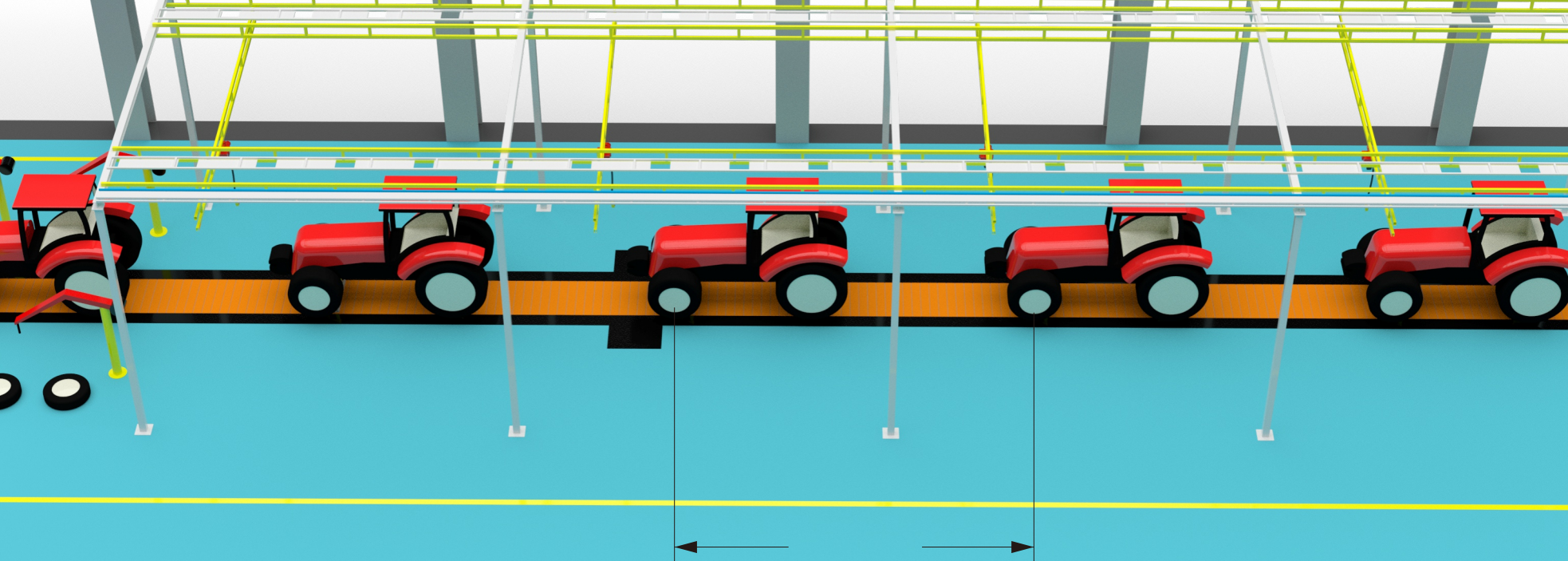
2026

By Engineer Pan
Productionline@qq.com



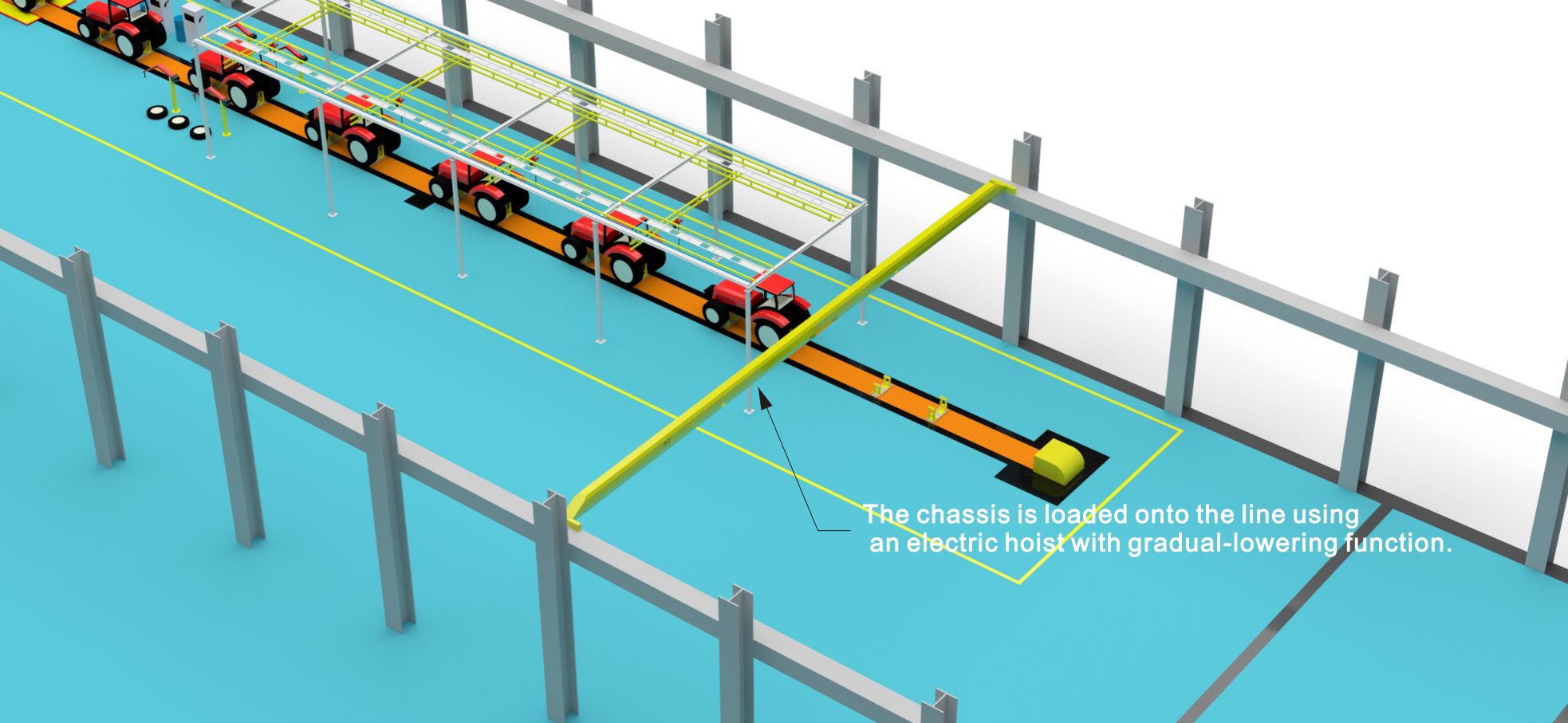
The total length of the assembly line is approximately 75 meters and it is divided into 8 assembly stations.



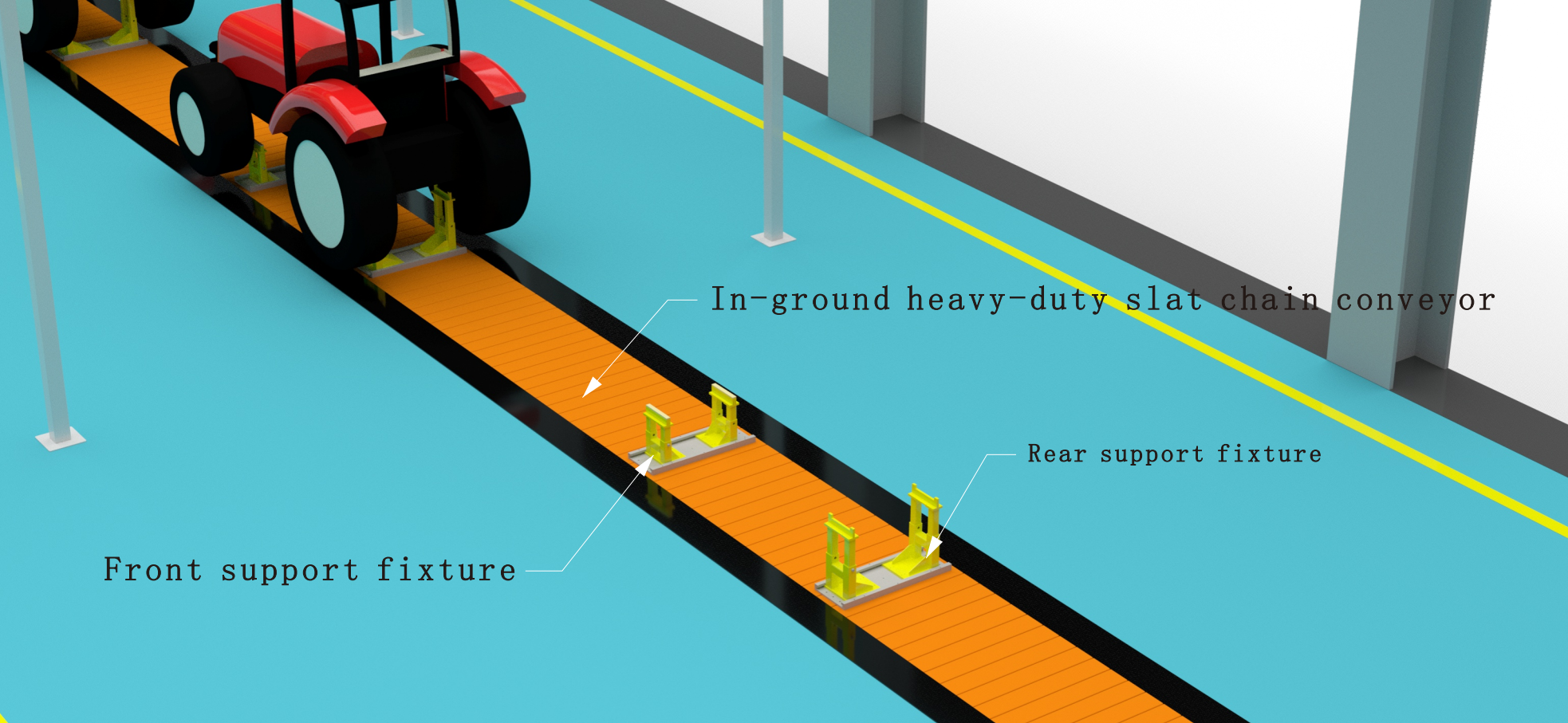


The spacing between stations is 8 meters.

The length can also be reduced as needed.



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

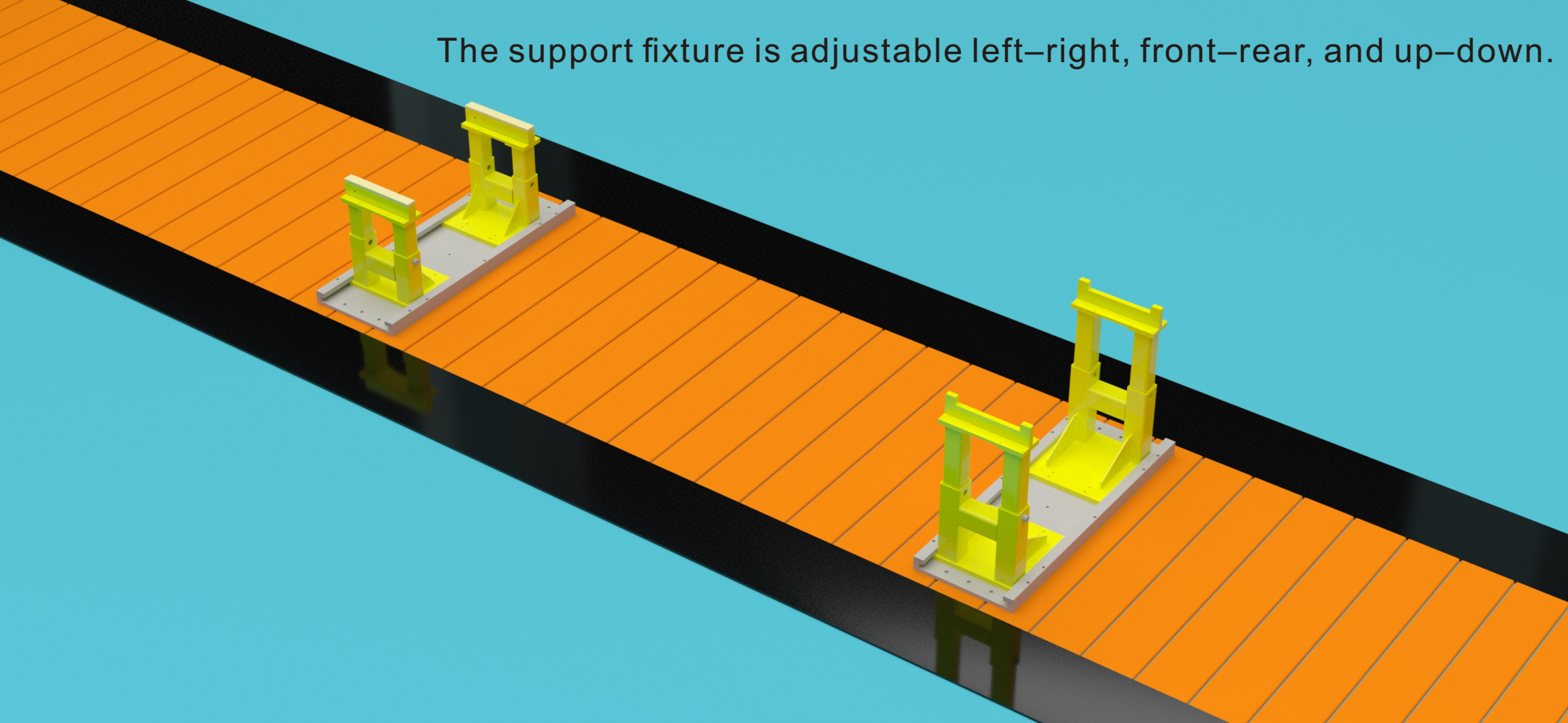


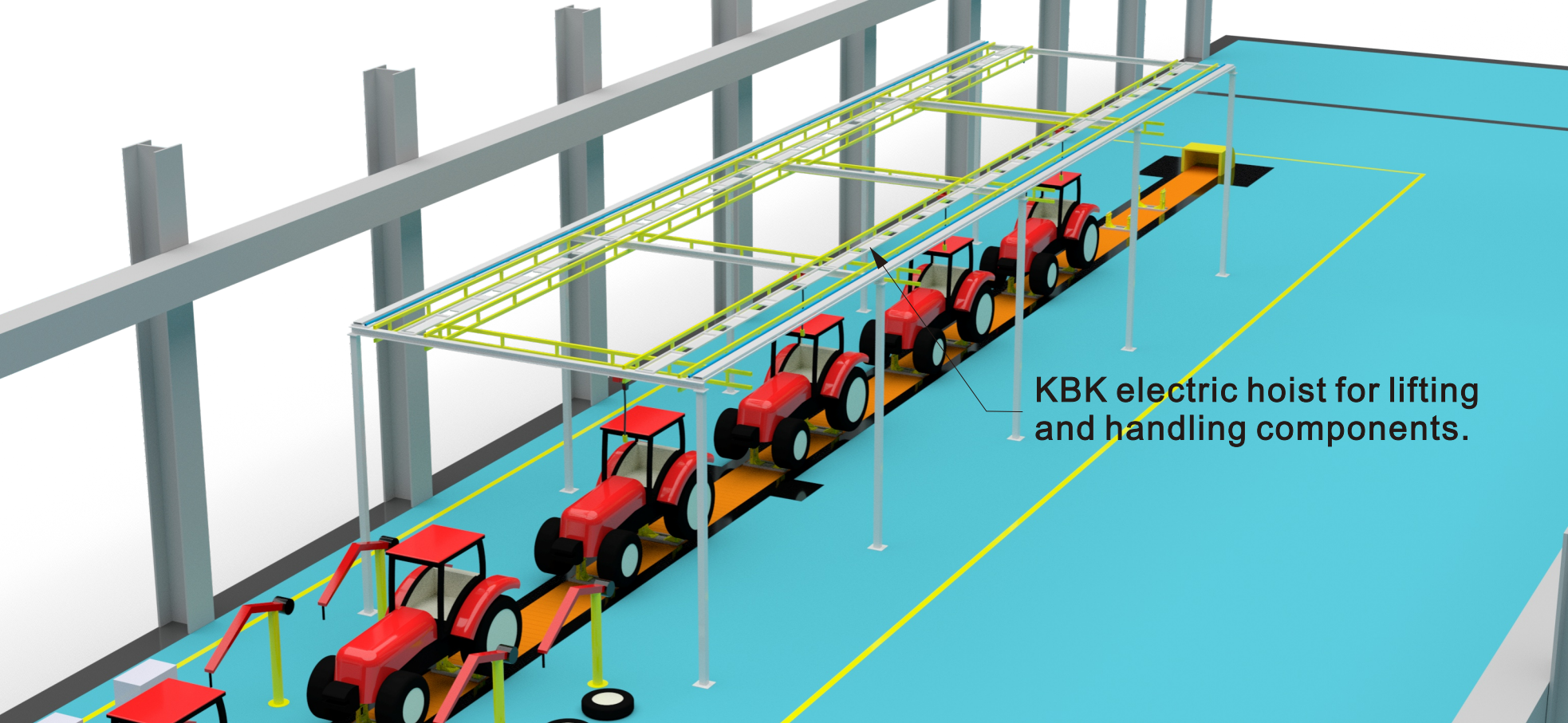
In-ground heavy-duty slat chain conveyor

Rear support fixture

Front support fixture

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





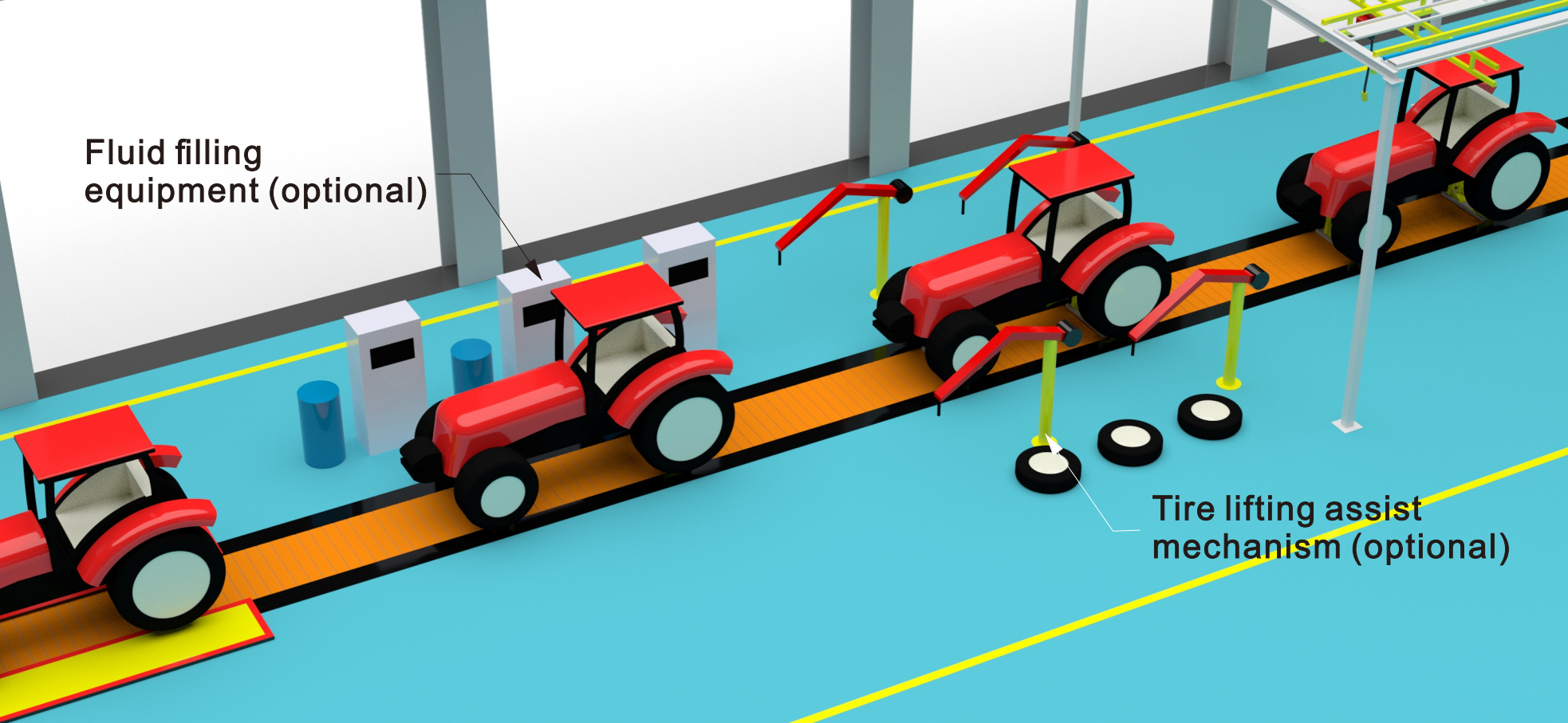
**KBK electric hoist for lifting
and handling components.**



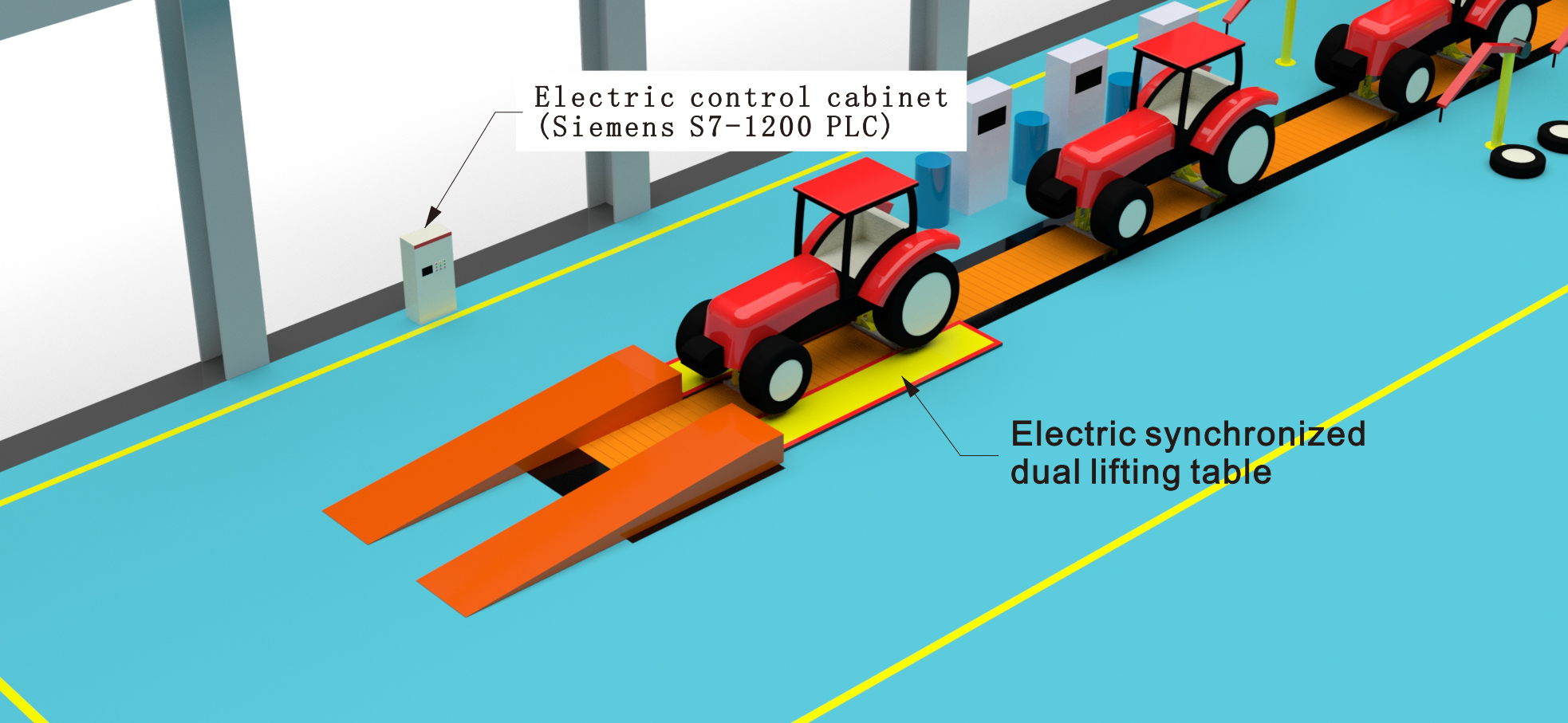
A 3D architectural rendering of a warehouse interior. The floor is a solid light blue color with yellow safety lines. A red tractor is positioned on the right side, facing away from the viewer. Above the tractor, there is a complex system of yellow overhead infrastructure, including slide rails, lighting, and compressed-air piping. The structure is supported by grey vertical pillars. In the background, more pillars and a white wall are visible. A text box on the left side of the image contains the text 'Overhead-integrated lighting, tool slide rails, and compressed-air piping' with an arrow pointing to the yellow overhead structure.

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

Fluid filling
equipment (optional)



Tire lifting assist
mechanism (optional)

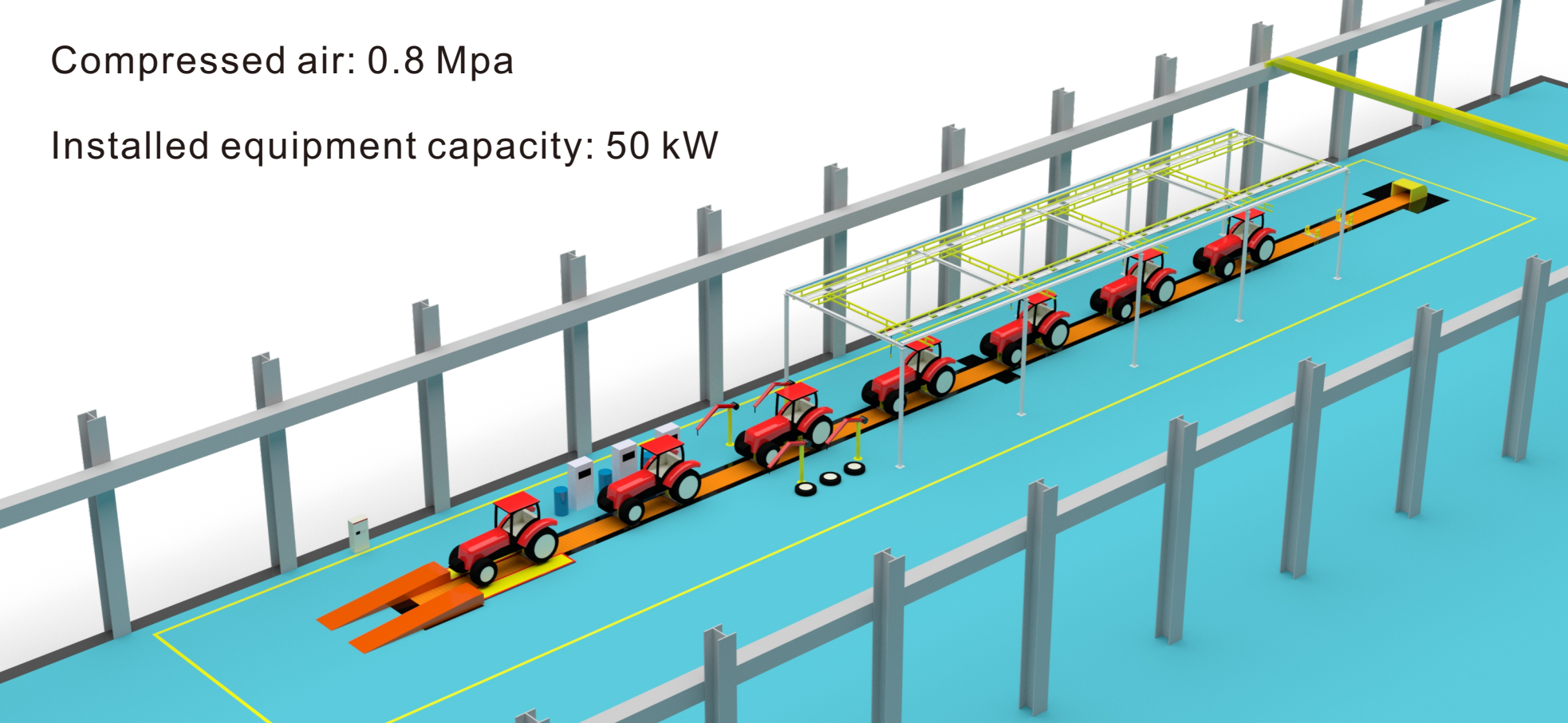
A 3D perspective rendering of a tractor assembly line. Three red tractors are positioned on a yellow track that runs along a light blue floor. The track is supported by orange dual lifting tables. To the left of the track, a grey electric control cabinet is mounted on the wall. Callout lines point from 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

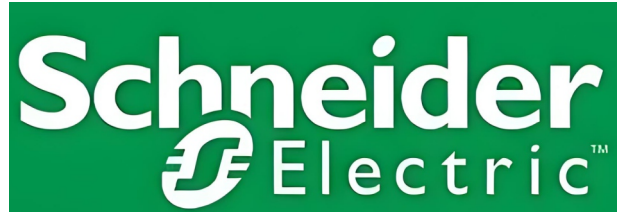




Project case photos

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 !

