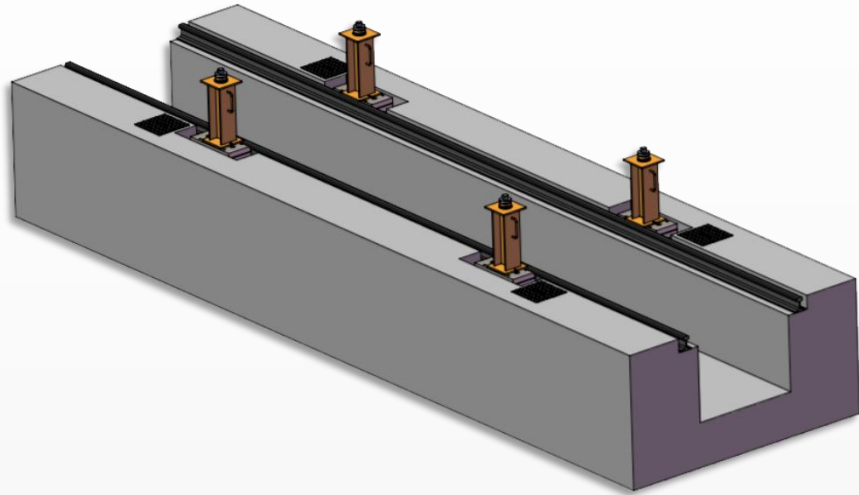


# RAILCAR WEIGHING SYSTEMS

## CMS



### Overview

CMS is a mobile corner force measuring system for the quality assurance of rolling stock, which measures vehicle bodies according to the four points' method on a straightening stand. It records the four points forces and height tolerance, calculates the nominal forces via the position of the vehicle's center of gravity, in order to provide the torsion free position of rail vehicles by adjusting the thickness of the shims, and permanently maintain the vehicle on the torsion free position.

CMS is very flexible and high-precision, which can be used in the rail car manufacturing shop, final assembly, retrofitting, repairs and the condition analysis of accident vehicles.

An operating software is available for process control, evaluation and archiving, which help to adjust the torsion free position automatically. All relevant data and measurement results are stored in a database.

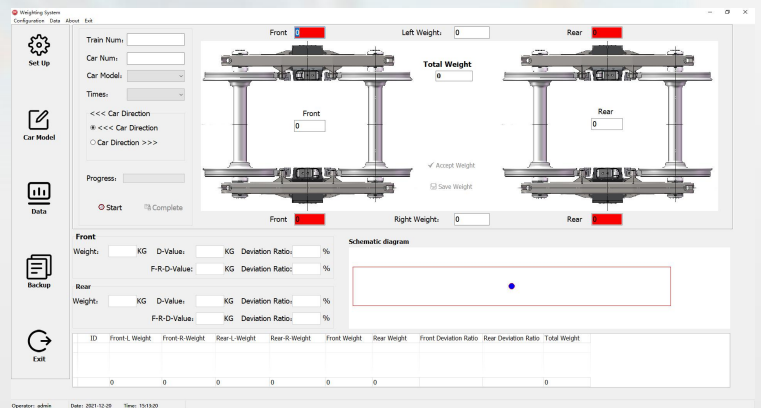


## Benefits

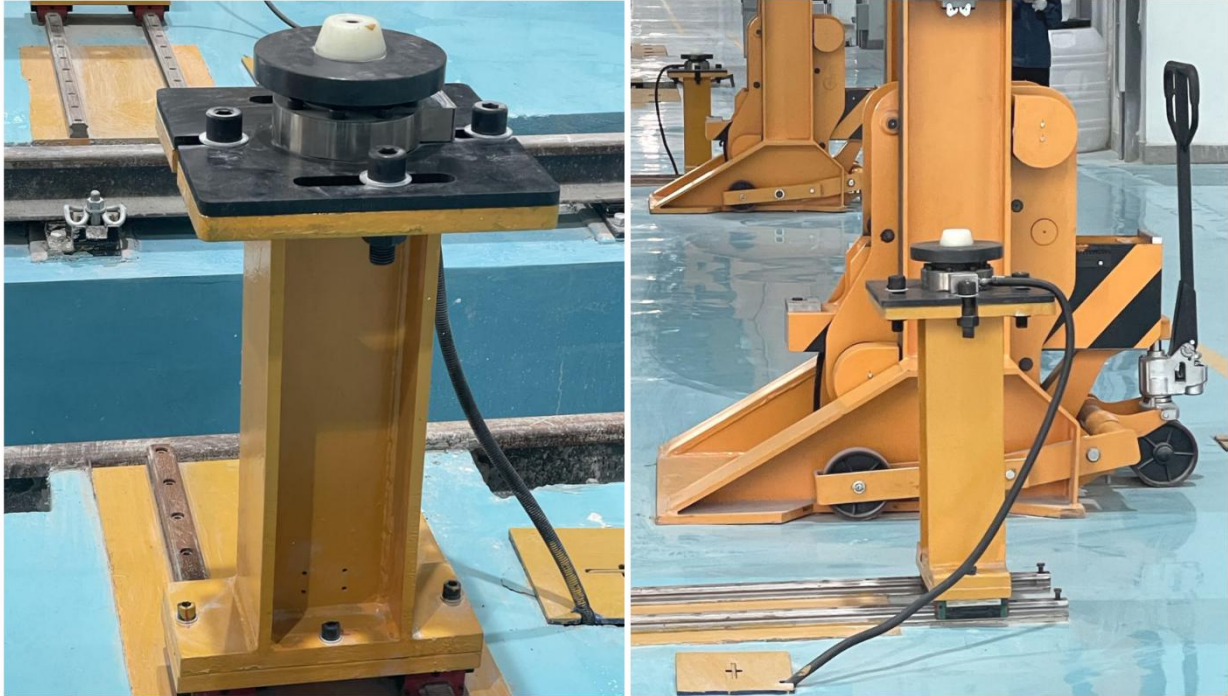
- Portable, easy to install and maintain with few minutes.
- excellent accuracy and flexibility
- modular structure, easily exchanged.

## Functions and Features

- Designed for production, maintenance and repair of rail vehicles without bogie.
- Check corner force measurement, center of gravity in torsion free position.
- All types of rail car suitable
- Easily moveable by hand under the lifted finished car body.



**CMS**



**Specification**

Model	CMS
Supported car bodies	all type of rail car bodies
Max. weight of car bodies	60t
Capacity	15t
Division	2kg
Accuracy	0.1%
Protection Class	IP67
Temperature	-40°C~+55°C
Supply voltage	12V DC,230V/50Hz AC other supply voltages on request
Interfaces	USB, LAN, WLAN