

Newly Developed Balancing System Axle Ensures All-Wheel Ground Contact on Uneven Terrain

Our newly developed original "Balancing System" axle ensures all wheels maintain ground contact, even on uneven terrain.

Patent#6599547 / EPO#EP3434505



Bogie Axle (3D Model)

* The actual product is on display

Proven Performance:

A prototype vehicle with a 5-ton loading capacity is scheduled for completion in early 2025.

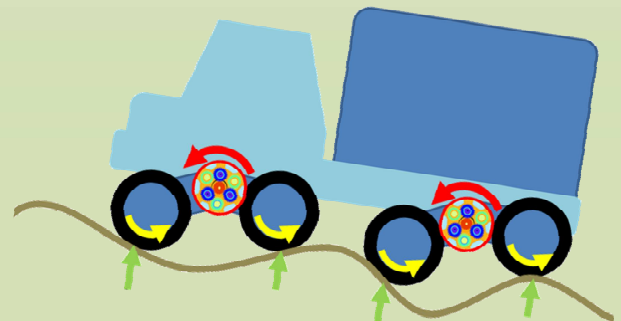
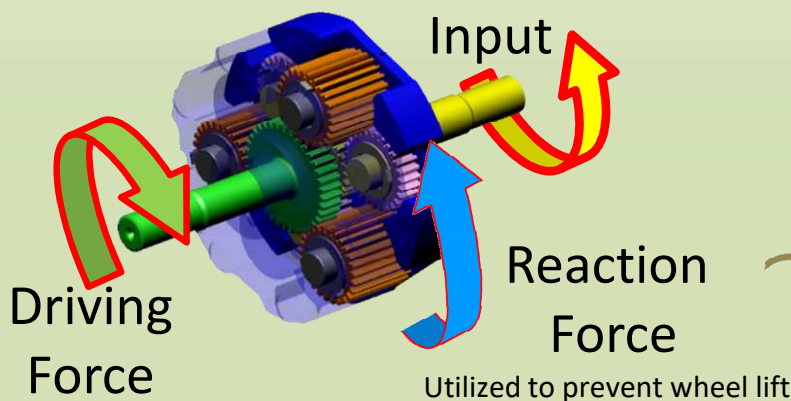


OG's Unique Balancing System :

Developed a unique mechanism that utilizes the reaction force generated when gears decelerate to counteract the lifting force on the front wheels caused by tire driving force. (International patented)

Enhanced Productivity and Safety:

By preventing front wheel lift, our Balancing System ensures all wheels maintain ground contact, even on rough terrain. This enables smooth operation on worksites and forest roads, contributing to increased productivity, safety, and environmental protection.



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适应严峻崎岖路面的车轮接触 搭载平衡系统异型车桥

我们自主开发的搭载平衡系统的车桥，
可确保在严峻崎岖路面的工况下所有车轮与地面接触。



异型车桥 (3维模型)
* 展台有实物展示

专利#6599547 / EPO#EP3434505

性能验证:
原型车 (载重5吨) 计划于
2025年上半年完成。

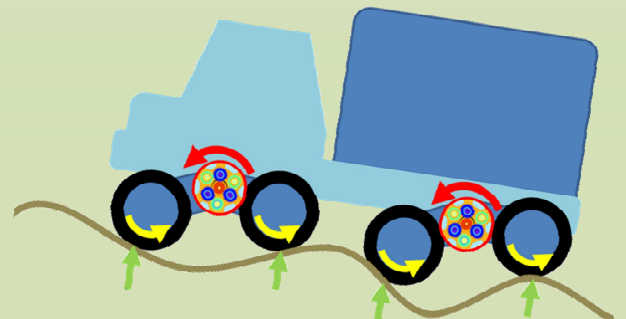
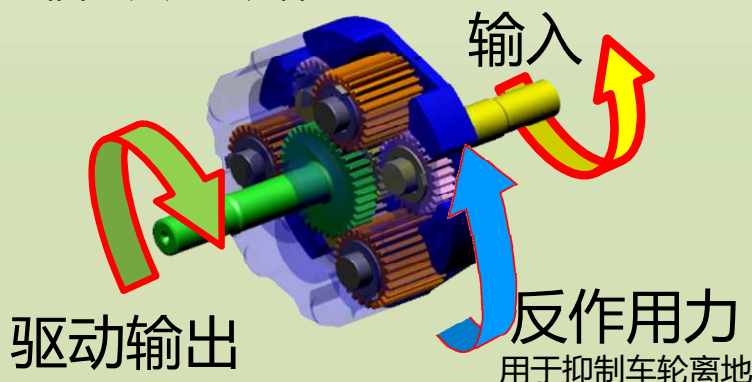


OG独有的平衡系统:

我们自主开发设计的该平衡系统，利用齿轮减速时产生的反作用力，有效抵消车轮驱动对前轮产生的升力。(已取得国际专利)

更高的效率和可靠性:

我们的平衡系统，通过抑制前轮离地，确保即使在崎岖地形上所有车轮也能保持与地面接触。从而保障车辆能够在山地和林地等道路上顺利行驶，有效提高工作效率、可靠性以及环境保护。



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