

Peiseler 5th Wheel

The 5th wheel, also known as the "Peiseler wheel", is the optimal measurement tool for vehicle testing where slip-free results are required.

The rotation of the wheel is converted into square wave signals by means of an electronic pulse transducer. Various transducers are used for this purpose, emitting 100, 500, 1000 or 2000 pulses per revolution without delay, as needed.



5th wheel, 28" version

Features

- Slip-free measurements
- Independent of environmental conditions
- Independent of road surface conditions
- Sturdy and weatherproof design
- Easy mounting and short set-up time

Application

The 5th wheel provides accurate readings even in the most adverse environmental conditions. It functions regardless of the condition of the test track and environmental conditions such as extreme temperatures, snowfall or rain and wetness with puddle formation.

It is available in different versions, with the 28" wheel being the most common.

Peiseler 5th Wheel - 28"

This is the most commonly used version in the normal version that is equipped with an angular gear. This ensures that one full revolution of the transducer corresponds exactly to 1 metre of travel. The pulse transducer is mounted on the standard connection according to DIN-KR.

Technical Data

Wheel size:	28 inch (28 x 1¼ x 1¾)
Wheel circumference:	2.16 m
Transmission ratio:	1:2.16
Air pressure:	5 bar / 72.52 psi
Pulse transducer conn:	Thread DIN-KR with downthrust 1 rev/m
Weight:	ca. 8.5kg / 18.74 lbs



*Optimised
suction holder*

Mountings

Various linkage systems and mountings are available for attachment to the vehicle. They can be used for all wheel designs and enable attachment to a wide range of different vehicle types.

Manoeuvring in reverse is no problem, regardless of the linkage or mounting used.

Additional and custom mountings are available on request.