



 **GEARWHEEL**
ENGLISH



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Less effort and greater safety in your manual wheelchair



GEARWHEEL's switchable wheelchair wheels were born from our dream of making daily life easier for wheelchair users. Our efforts are rewarded whenever we meet users who can do a little more, get up a hill more easily or are able to cross uneven ground that they would previously have avoided.

"The ability to switch gears makes daily life so much easier. Downshifting enables you to push your chair uphill using less effort, while the 'hill hold' feature prevents the wheelchair from rolling backwards, allowing you the time to adjust your grip on the handrims or to safely take a rest on your way up a slope."

The gear-switching wheelchair wheels are designed for use with manual wheelchairs. This patented solution

- allows the user to easily and comfortably change between the two gears built into each wheel; and
- incorporates a 'hill hold' setting that prevents the wheelchair from rolling backwards whilst travelling up a slope. The brilliant simplicity of the device means it is essentially no different in use from a normal wheel. Pushing uphill is just easier and safer.

WHY IS MY WHEELCHAIR BETTER WITH GEARWHEEL?

The ability to change gear in your wheelchair mean that you use less power going up inclines or over carpeted or uneven surfaces. The 'hill hold' feature prevents rolling backwards on slopes, ramps or thresholds. This can enable you to get around in your wheelchair in situations that you would otherwise have found difficult – or even avoided altogether.

HOW DOES IT WORK?

Gear changing requires nothing more than a nudge of the gear-shifter located on the outside of each wheel hub. GEARWHEEL can be fitted to most modern wheelchairs that have quick-release wheels. The only equipment that needs to be mounted on the wheelchair is a small bracket (specific to the wheelchair model); no parts need to be replaced and the GEARWHEEL wheels can be swapped over with the standard ones at any time.




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PRODUCT

One pair of switchable 2-speed wheelchair wheels plus brackets for the wheelchair.

Reduces the force required for pushing by 40% in down-shift (low gear) mode.

Is completely mechanical, no electricity.

Equipped with a 'hill hold' feature that prevents the wheelchair from rolling backwards

A range of different handrims available.

Can be mounted on various wheelchair models.

Wheel size: 24"

Weight (without handrim and tires): 2433 g.

Increased width: about 3 cm.

Max user weight: 100 kg.