SoftWheel 3.0

Innovative In-Wheel Suspension Technology for a Smoother Ride
Comfort is a top priority for manual wheelchair users who spend most of their day in a wheelchair. SoftWheel in-wheel suspension technology reinvents the wheel to increase comfort for the user, a real game changer. It absorbs impact shocks and vibrations, while providing extraordinary rigidity and stability, helping to minimize the pain and fatigue often endured with daily wheelchair use. It is unlike any other wheel, and the difference can be felt with every turn.

The Technology
In-Wheel Suspension
Three suspension arms are built inside the wheel and compress to absorb shocks.

Rigid Rim
Wheel rim is always rigid and strong, while the suspension arms and hub compress to provide shock absorption.

Automatic Actuation
Suspension arms automatically compress when encountering an obstacle or rough terrain, and remain rigid and strong over flat surfaces.

360° Suspension
Arms are set equidistant around a central hub to provide shock absorption – no matter the angle of impact.

Rapid Shock Reset
Suspension arms immediately reset and return the wheelchair – and rider, to a level ride.

SoftWheel 3 Carbon
Expertly crafted carbon fiber rims feature SoftWheel’s innovative, patented in-wheel suspension. The lightweight construction makes it easier to get your chair into and out of your vehicle.

- Size: 24”
- Rim: Carbon Fiber
- Rider’s Weight Limit: 300 lbs.
- Wheel Weight: 3.53 lbs.
- Handrim: Rivnut type only
- Weight Stages:
  - Stage A up to 110 lbs.
  - Stage B 110–155 lbs.
  - Stage C 155–200 lbs.
  - Stage D 200–300 lbs.
- Warranty: 24 month limited

SoftWheel 3 Aluminum
The SoftWheel 3 Aluminum is as comfortable as it is tough and durable, and lightweight enough to handle with relative ease.

- Size: 24” or 25”
- Rim: Aluminum AL 6061 T6
- Rider’s Weight Limit: 300 lbs.
- Wheel Weight: 4.19 lbs.
- Handrim: Rivnut type only
- Weight Stages:
  - Stage A up to 110 lbs.
  - Stage B 110–155 lbs.
  - Stage C 155–200 lbs.
  - Stage D 200–300 lbs.
- Warranty: 24 month limited

For more information, or to buy, visit our online catalog at Numotion.com/products