

SoftWheel

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. The SoftWheel by Numotion 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 built inside the wheel rim absorb shocks from any direction. They remain perfectly rigid over flat terrain, yet offer unparalleled cushioning on bumpy pavement or off-road, absorbing the shocks that are normally felt by the user.

Rapid Shock-Reset

Rapid Shock-Reset allows the shocks to engage quickly when needed, providing the user with easier chair control. Unlike traditional wheelchair suspension systems, SoftWheel by Numotion is ready for action regardless of the angle of impact.

Adaptive Rigidity

Adaptive Rigidity technology keeps the wheel's three suspension arms perfectly rigid and strong, like spokes. When encountering bumpy or uneven terrain, the arms automatically compress to absorb the shock, making the wheels do the work instead of the user.

Single Piece Rigid Forms

All SoftWheel rims are built extremely rigid and strong. They offer as much stability and as fast a ride as the highest-quality regular rims on the market.

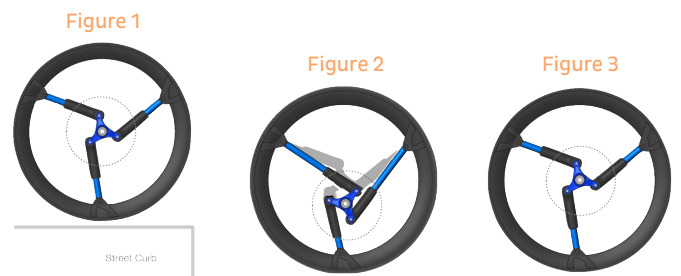


How it Works

Figure 1 – On a flat surface, the in-wheel suspension arms are as strong and rigid as spokes.

Figure 2 – After impact the in-wheel suspension arms and hub shift to absorb the shock.

Figure 3 – With Rapid Shock-Reset the hub and suspension return to equilibrium.



Technical Data

Models:

- Acrobat M (Magnesium)
- Acrobat A (Aluminum)

Sizes: 24", 25"

To Order

Visit www.shopnumotion.com or call 877-876-5332.