



Technology Partner

Manufacturing & Marketing Partner

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Rehabilitation & User Community





is a manual wheelchair with an inbuilt feature that allows the user to independently rise to a standing position.

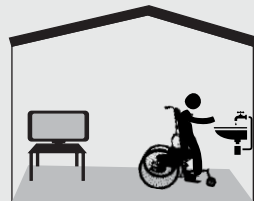
A majority of users of conventional wheelchairs lack control over their lower limb musculature and require considerable effort, assistance and/or aids to get to a standing position. The ability to attain and maintain a standing position is greatly beneficial to the health, self-esteem and sense of wellbeing of a wheelchair user.

Research has shown that at least 30 minutes of standing, preferably 5 minutes of standing six times a day, is essential for the wellbeing of a wheelchair user. In addition to enabling the individual to perform numerous tasks that she or he might not be able to perform while in a sitting position, a standing posture provides multiple health benefits such as improving the blood circulation of the lower limbs, controlling bowel movements, healing pressure sores, preventing muscle spasticity and contractures and improving respiratory function, skin integrity and bone mineral density. Standing also offers the user an increased sense of psychological wellbeing and social significance.

Arise is a completely mechanical standing wheelchair. While it functions like a regular wheelchair in facilitating mobility, it further allows users to raise themselves into the standing position with the muscle power of the arms. When Arise is optimally adjusted, the effort required to operate the standing mechanism is only about the same as the effort required to propel the wheelchair. In addition to typical safety features such as straps and guards, additional locking mechanisms are incorporated in Arise to prevent accidental activation and to ensure the stability of the user when standing. Affordability has been achieved by creating a novel mass-manufacturable mechanical design that incorporates the customizability required to accommodate a wide range of wheelchair users.

Uses

Arise is designed to be used both outdoors and in indoor environments



At places of employment such as offices and factories

At home—in the bedroom, kitchen, bathroom and toilet



At public places—parks, temples, beaches



At public facilities such as banks, post offices, ATMs, shops and marketplaces

Features

Arise is available in four sizes: XL, L, M, S.

A one-time fitting ensures optimal operation and a comfortable user experience

Adjustable rear wheel position for better propulsion

Gas spring, adjustable to user's weight, enables smooth transition from sitting position to standing position

Standing angle of 75°

Longer wheel base stability in standing position

Easy and smooth to manoeuvre

User weight up to 110 kg

Affordably priced

Safety features to avoid accidental standing

Rugged. Suitable for outdoor use

Terrain

- Slopes and ramps (up to 6°, both uphill and downhill)
- Unpaved gravel, sand and mud roads
- Low kerbs (up to 3 inches high)
- Indoors (houses, offices)
- Paved roads with potholes

User Testimonial

“

The device has many uses. It will help me at running my flex-printing shop. I can take the laptop from the top shelf when my mother keeps it there. I can make better free throws while playing basketball.

”

Rajagopal,
Vellore, India

“

For the first time in three years I was able to stand up to place my order and collect food at the canteen counter.

”

Arise user from
Bangalore, India

“

I need not spend additional time for therapy. I can stand for therapy at office or while I'm reading a book.

”

Nitin Goyal, working
professional,
Delhi, India

“

It will be so nice to take classes while standing.

”

Dr. Komal Kamra,
professor,
Delhi,
India



Disclaimer:

To determine if the Arise standing wheelchair is suitable for your use, fill in the Arise enquiry form at www.phoenixmedicalsystems.com (Assistive Technology > Arise Standing Wheelchair) and send it to us. Please note that Arise is to be used only under the recommendation of a medical supervisor.

Call us toll free :

1 800 425 3503



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