Live your life without boundaries


Omni-Mobile Rehab


Omni-Mobile Compact


Omni-Cruizer 3


Omni-Cruizer 4


Omni-Traveller


Omni-Micro

What do I need to consider?

Scooters can be a great way of travelling short distances as they are relatively easy to manoeuvre and use. However they are expensive to purchase and maintain.

1. Where do you aim to use the scooter?
2. Are the surfaces smooth or rough?
3. How far do you aim to travel?
4. How do you maintain the scooter?
5. Where will you keep the scooter at home, in a safe and dry place?

What are the essential criteria?

- Adequate vision to safely manoeuvre the scooter
- Ability to concentrate for a period of time
- Ability to sit unsupported
- Ability to turn head or shoulders to see behind you
- Ability to walk short distances
- Adequate hearing to enable you to be aware of surroundings
- Doctors authorization to use a scooter
- Ability to get in and out of chair independently.

ADVANTAGES

- **A convenient and easy way of travelling short distances.**
- **Increase independence**
- **Able to travel on foot path**

ROAD RULES

Scooter Users:

You do not need a license to purchase or drive a scooter but it is strongly recommended that you seek medical advice with your doctor and an assessment is completed by an occupational therapist to ensure your safety on the road.

You must use a footpath when one is available. Scooters on footpaths are classed as pedestrians and must follow the road rules for pedestrians. E.g. give way to traffic when crossing the road.

Speed limit on footpaths is not to exceed more than 10km per hour.

On roads, scooter users must obey all road rules, like other vehicles e.g. Do not drink and drive …. Must use head lights and tails lights if driving at night, must keep to the left of the road.

Scooters have a load capacity therefore check with manufacturers or retailers.

Strongly recommended to install a "bicycle flag", place reflector tape on the rear, wear bright coloured clothing and turn your lights on.

REMEMBER:

BE SEEN – BE SAFE

Factors to consider when thinking about scooters:

Identify your main purpose for wanting a mobility scooter.

Is it to replace your motor vehicle, now that you no longer have a license?

If so, consider that:

- A scooter is legally not a motor vehicle, but a pedestrian and therefore required to travel on a footpath, if available.
- You will not travel as fast as your motor vehicle.
- You are required to have a level of capability (physical, visual, cognitive, etc.) to use a scooter safely and independently, which you may no longer have.

Is it to replace an electric wheelchair, which carries a community perception with it?

If so, consider that:

- To drive a mobility scooter independently and safely, you are required to be able to walk short distances. E.g. You have the ability to walk from your house to your garage.
- To ensure you continue to use the mobility scooter safely, it is advised that you have regular examinations by your GP and Occupational Therapist.
- If you have deteriorating condition, you may be looking at having to purchase a wheelchair in the future.

Is it to be used for longer distances that you are no longer able to walk?

If so, consider that:

- Your environment needs to be suitable for a mobility scooter, therefore having footpaths and ramps to access the road or pedestrian crossings.
- You should have regular medical examinations to ensure your continued safety.

When looking at using a mobility scooter, you need to consider the following:

- Where is the mobility scooter going to be used? For example, in housing estates or on rural property.
- Are you going to need it to be transported, by public or private transportation?
- Will it be your primary mode of transport and if so, is that realistic? If it requires public transport, you need to consider if the mobility scooter will be able to use this.
- How far would you like to travel on the mobility scooter?
- Will it be used mainly within a housing estate or outside, or a combination of both?
- Is the environment mainly flat, or hilly, smooth or rough?
- Also look to see if your environment is suited to a mobility scooter. Are there ramps, pedestrian crossings and footpaths available?

The answers to these questions will help to determine the best mobility scooter for you, your needs and your environment.

Capabilities:

To ensure that you are using a mobility scooter safely and independently, it is recommended that you have the following characteristics:

- The ability to hear traffic, sirens and other pedestrians.
- The ability to see adequately, allowing you to see oncoming traffic, the other side of the road and signs within the community.
- The ability to maintain balance while travelling.
- The ability to get on and off the mobility scooter.
- The ability to turn your head and or/ shoulder to see both sides and behind you, when reversing and turning.
- Sufficient strength in your arms and shoulders to steer the mobility scooter over a long period of time.
- Sufficient hand and arm strength to operate the seat, controls and tiller.
- The ability to release the controls quickly, or to turn the tiller while using the controls.
- The ability to make decisions quickly or within an adequate time to protect yourself or others from harm or unexpected events.
- The ability to distinguish between colours and objects i.e. not colour blind.

- The mental capacity to carry out problem solving activities. Therefore you are able to determine a safe route if faced with some road works or being alone on the footpath.
- The ability to remain focused, without loss of memory or orientation.

It is suggested that on a regular basis, for example once a year, you have a physical examination to ensure you are still physically able to manoeuvre a mobility scooter safely and independently. This includes having your eyesight, hearing and strength checked.

How to go about getting a scooter?

If you want to purchase your own scooter, it is not necessary for you to have an assessment by an Occupational Therapist.

It is, however, recommended that you do, as the occupational therapist can advise you on the features of different scooters and what might best suit your needs. Occupational Therapist have networks with equipment providers and can access a range of information about different types of scooters.

The Occupational Therapist can also provide you with scooter driving training so that you feel more confident when using your scooter.

What does the assessment involve?

- You will need to have a form completed by your GP detailing any medical conditions you experience that might impact on your ability to drive or learn to drive a scooter. Following this, the assessment with the Occupational Therapist involves discussing your need for a scooter, e.g. when you will use and for what purpose.
- Other influencing factors include your level of social supports, access to other forms of transport and physical ability to access other forms of transport.
- If a scooter is decided to be the best option for you, you will undergo an off road test with the Occupational Therapist. This involves looking at your vision, hearing, memory, movement and balance and cognitive skills (thinking skills).
- If this part of assessment goes well, you will have a trial at driving a scooter supervised by the Occupational Therapist. The therapist will give you a basic training and then assess your ability to drive or learn to drive the scooter. You may be asked to do such things as driving through your housing estate, crossing roads etc.

Alternatives to scooters:

Utilise support from family, friends and neighbours.

Public Transport – is there a community bus or a volunteer service that you could access for transport?

Shopping – will the store deliver groceries, etc. to your home?

If your mobility is impaired, it may be worthwhile to try another type of mobility aid such as a walking stick or a walker. These can improve people's independence greatly as the person will feel much safer walking with the support of an aid. Mobility aids can be hired or purchased.

Safe Driving Tips:

When using your mobility scooter, always expect the unexpected:

- Be alert and look around while crossing the road.
- Watch out for cars turning into or reversing out of driveways or carparks.
- Do not assume that drivers will give way to you.

Make yourself be seen:

- Wear light or bright coloured clothes, but not loose clothing.
- Display a small yellow or orange flag on the scooter.
- Cross the road in open area, where you are able to see the traffic and the traffic is able to see you. Therefore do not cross the road from behind obstacles such as parked cars or trees.

Always plan your trip:
Before leaving your home consider:

- Where you wish to go, and how you will get there.
- The time of day that you will be travelling at. A large portion of pedestrian accidents occur during peak hours.

When you are travelling consider:

- If ramps seem to direct you into the line of traffic, you may find it safer to go around the corner to find other driveways that are parallel to cross at.
- Where will you cross a road, be sure that you can cross within a short period of time. Therefore ensure that you look at the other side of the road before you start to cross, to make sure that the ramps or driveways are parallel.
- If something unexpected is on your route, e.g. Road works, stop and look around at the best possible solution before rushing into the situation.
- Always observe the path in front of you and watch out for uneven surfaces and obstructions.

Loads:

Most mobility scooter have a carry basket, some are at the front of the mobility scooter, while others are at the back. It is important to be aware of the total load that the mobility scooter is able to carry. Excessive loads can cause the mobility scooter to become unstable or work harder than expected.

Ensure that all loads are positioned on the mobility scooter in a way so that the weight is evenly distributed over the mobility scooter. This will help to avoid the mobility scooter being unstable.

Remember that the mobility scooter also has to carry its battery and motor as well as you – all of which are generally placed at the back of the mobility scooter. So centralize the weight by placing the loads at the front of the mobility scooter, although excessive loads in the front of the mobility scooter can affect the user's steering.

Night Use:

If you are using your mobility scooter at night, you are required to have a number of lights fitted:

- A white light at the front.
- A red light at the rear.
- And red reflectors at the rear are also recommended.

If your mobility scooter is not fitted with lights, it is recommended that it is not used at night.

Ramps and Hills:

- Always travel up and down ramps or inclines as straight as possible; never attempt to travel on a ramp at an angle, as the mobility scooter may become unstable.
- Ensure that you are all the way up or down a ramp before turning.
- Do not attempt to climb a slope or a hill greater than 10 degrees.
- Do not reverse when travelling up or down a slope or a hill.
- Do not attempt to turn when travelling up a slope or a hill, but if unavoidable, select a slow speed and a wide turning circle.
- Do not get on or off your mobility scooter when on a slope or on a hill.

Other safe use recommendations:

- Ensure that the ignition key is turned off and taken out, prior to getting on or off the mobility scooter, so that if you accidentally knock the controls, the mobility scooter will not move.
- Keep your feet on the footpads when the mobility scooter is in motion.
- Before moving, ensure that your seat is locked into position.
- When travelling in congested areas, travel at the slowest pace possible to ensure you do not have an accident with someone or an object.
- Do not weave erratically or make sharp turns. These can cause the scooter to become unstable.

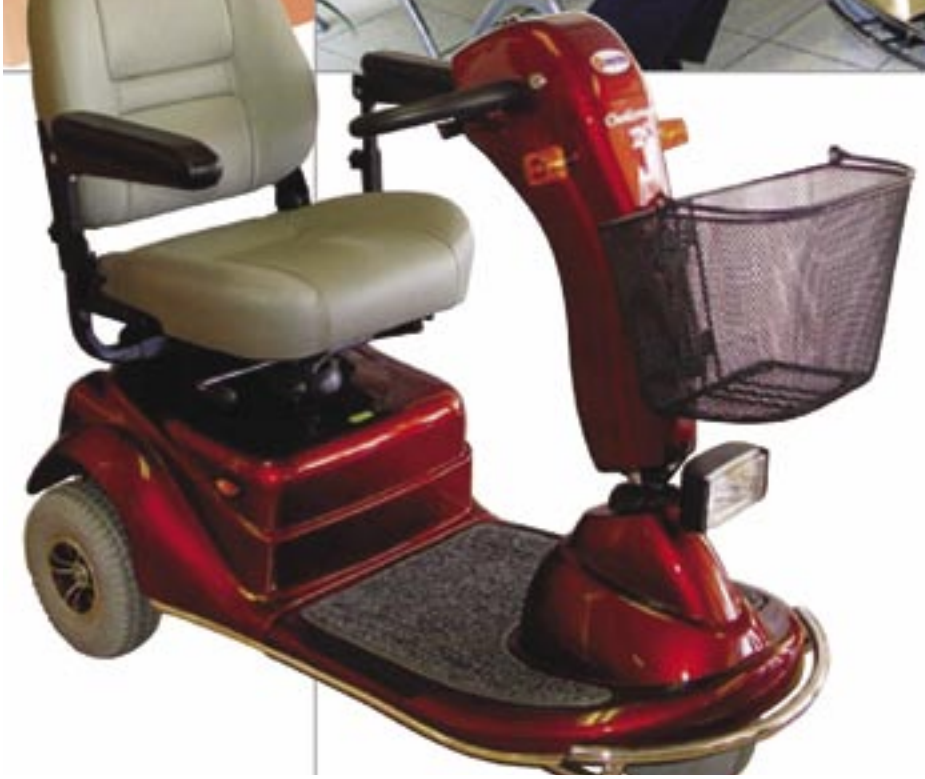
Tipping the mobility scooter:

- Usually if the mobility scooter tips over, it is due to user error.
- To prevent this, the user needs to ensure that they drive the mobility scooter within its capabilities.

Always ensure the battery is charged prior to heading out on your journey. If the battery shows less than half power, it is advisable to charge further before driving.

merits

Live your life without boundaries

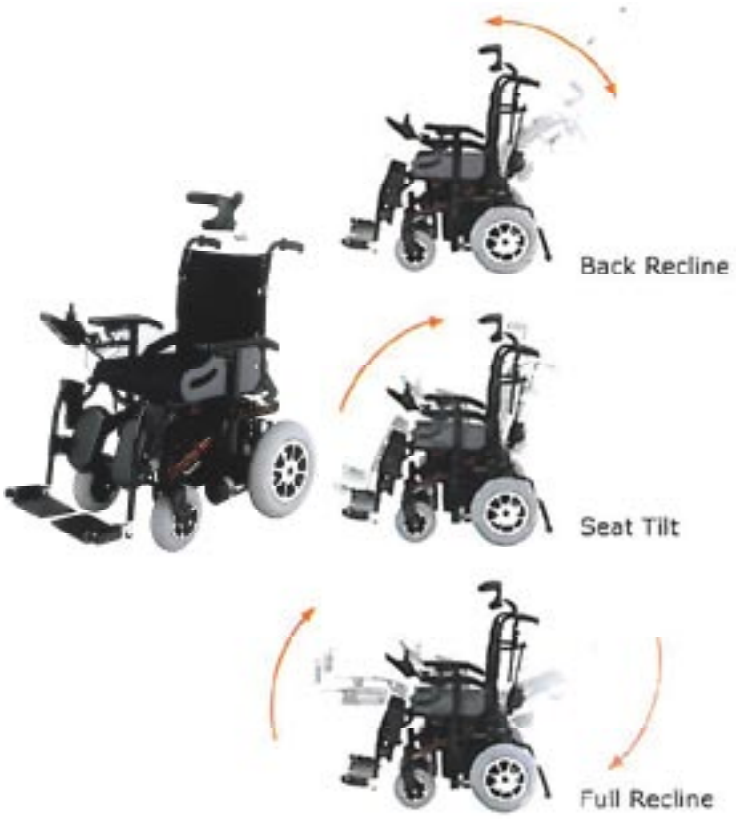


Mobility means independence, but deciding which is the right product for you is difficult.

We have the experience and expertise to help you make the right choice on your mobility needs.

Model:

Omni-Mobile Rehab



Technical Specs

Max. speed up to	7.3kph / 4.5mph
Range up to	40km / 25mi.
Turn radius to	61cm / 24"
Ground clearance	10cm / 4"
Motor	DC24V, 180W (Rating) / 630W (Max)
Controller	PG VSI 50
Battery	12V / 22NF x 2 pcs
Charger	5A off-board
Gradient	10^0
Front Wheel	9" (2.80/2.50-4) foam filled tyre
Rear Wheel	14" (3.00-8) foam filled tyre
Brake	intelligent, regenerative, electromagnetic brakes

Features:

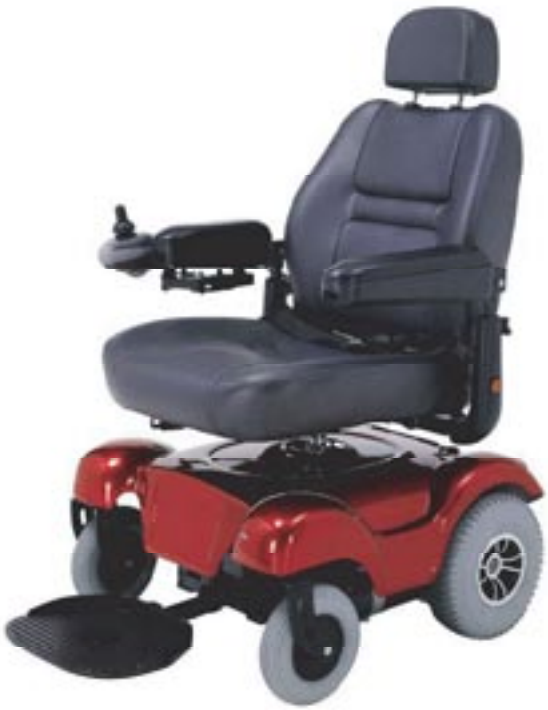
- The P201 modular construction not only makes disassembly for maintenance quick and simple, it also allows various seating positions, tilt-in-space and recline
- Electric seat tilt adjustment from 3.5^0~ 16.5^0
- Electric back recline adjustment from -5^0~45^0
- Armrest height adjusted range from 8" to 12", width adjustment is 2" from each side
- Detachable armrest and legrest

Dimensions (cm):

- L-120 W-61 H- 100

Model:

Omni-Mobile Compact



Technical Specs

Max. speed up to	8kph / 5mph
Range up to	28km / 18mi.
Turn radius to	53cm / 21"
Ground clearance	7.5cm / 3"
Motor	DC24V, 180W (Rating) / 630W (Max)
Controller	Dynamic Shark 60A PG VR2 50A
Battery	12V / U1 x 2 pcs
Charger	5A off-board
Gradient	12^0
Front Wheel	8" (200 x 50) foam filled tyre
Rear Wheel	10" (260 x 85) foam filled tyre
Brake	intelligent, regenerative, electromagnetic brakes

Features:

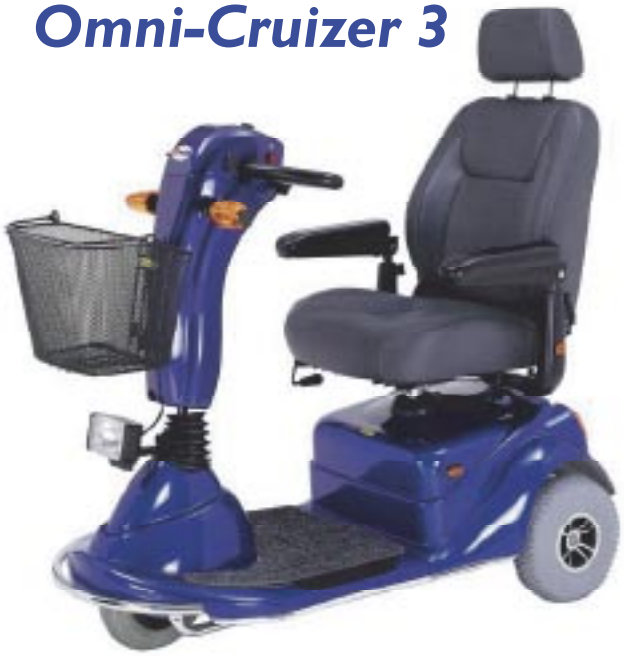
- Stylish and compact rear wheel drive model with 10" wheel and alloy rims
- Extremely low centre of gravity unit offers a low seat height which facilitates transfers and makes it the most stable unit in its class
- Sturdy, deluxe captain's seat with angle adjustable back and flip up armrests
- Excellent manoeuverability
- Off-board charger
- Option pneumatic caster
- Available to enhance a power seat lifter

Dimensions (cm):

- L-100 W-61 H- 104

Model:

Omni-Cruizer 3



Technical Specs

Max. speed up to	8kph / 5mph
Range up to	40km / 25mi.
Turn radius to	104cm / 41"
Ground clearance	10cm / 4"
Motor	8khp: DC24V, 210W (Rating) / 715W (Max) 10kph: DC24V, 400W (Rating) / 1750W (Max)
Controller	Dynamic Rhino 70A: Dynamic Rhino 110A
Battery	12V / 50AH x 2 pcs
Charger	5A off-board
Gradient	12^0
Front Wheel	10" (260 x 85) foam filled tyre
Rear Wheel	10" (260 x 85) foam filled tyre
Brake	intelligent, regenerative, electromagnetic brakes

Features:

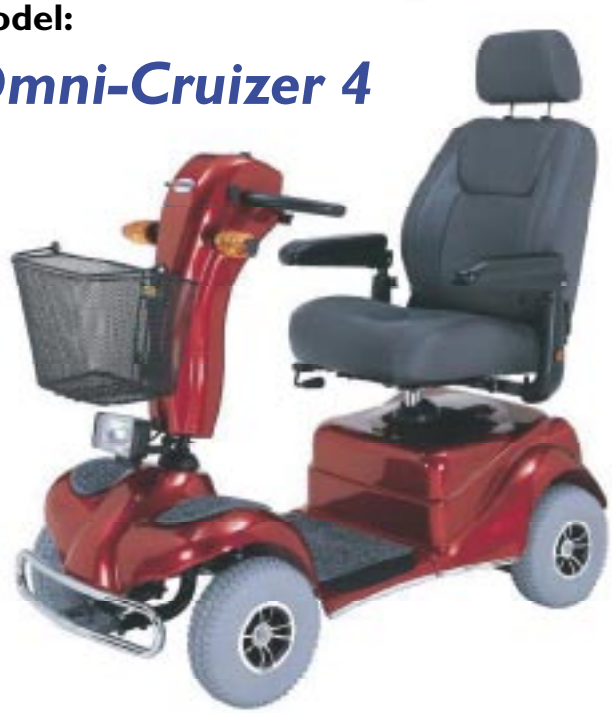
- More comfort with full suspension
- Loop tiller with finger control type throttler
- High-torque drivetrain allows climbing over curbs and steps
- Comfort tiller adjusts to fit various arm lengths and to recline down for easy storage
- User friendly touch keypad
- Swivel and sliding captain seat
- Flip up armrests with height, width & angle adjustments
- Limited lifetime warranty on frame

Dimensions (cm):

- L-122 W-64 H- 115

Model:

Omni-Cruizer 4



Technical Specs

Max. speed up to	8kph / 5mph : 10kph/ 6.25mph
Range up to	40km / 25mi.
Turn radius to	137cm /54"
Ground clearance	10cm / 4"
Motor	8khp: DC24V, 210W (Rating) / 715W (Max) 10kph: DC24V, 400W (Rating) / 1750W (Max)
Controller	Dynamic Rhino 70A: Dynamic Rhino 110A
Battery	12V / 50AH x 2 pcs
Charger	5A off-board
Gradient	12^0
Front Wheel	10" (260 x 85) foam filled tyre
Rear Wheel	10" (260 x 50) foam filled tyre
Brake	intelligent, regenerative, electromagnetic brakes

Features:

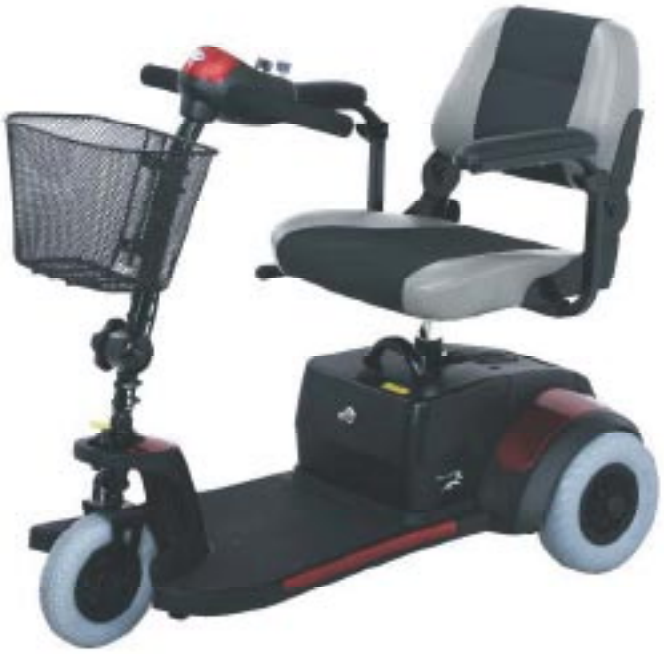
- More comfort with full suspension
- Loop tiller with finger control type throttler
- High-torque drivetrain allows climbing over curbs and steps
- Comfort tiller adjusts to fit various arm lengths and to recline down for easy storage
- User friendly touch keypad
- Swivel and sliding captain seat
- Flip up armrests with height, width & angle adjustments
- Limited lifetime warranty on frame

Dimensions (cm):

- L-130 W-64 H- 115

Model:

Omni-Traveller



Technical Specs

Max. speed up to	7.2kph / 4.5mph
Range up to	17km / 10.6mi.
Turn radius to	86cm / 34"
Ground clearance	8cm / 3"
Motor	DC24V, 130W (Rating) / 480W (Max)
Controller	PG S-Drive 70A
Battery	12V / 18AH x 2 pcs
Charger	1.5A off-board
Gradient	6^0
Front Wheel	8" (200 x 75) Solid tyre
Rear Wheel	9" (2.80 / 2.50-4) Solid tyre
Brake	intelligent, regenerative, electromagnetic brakes

Features:

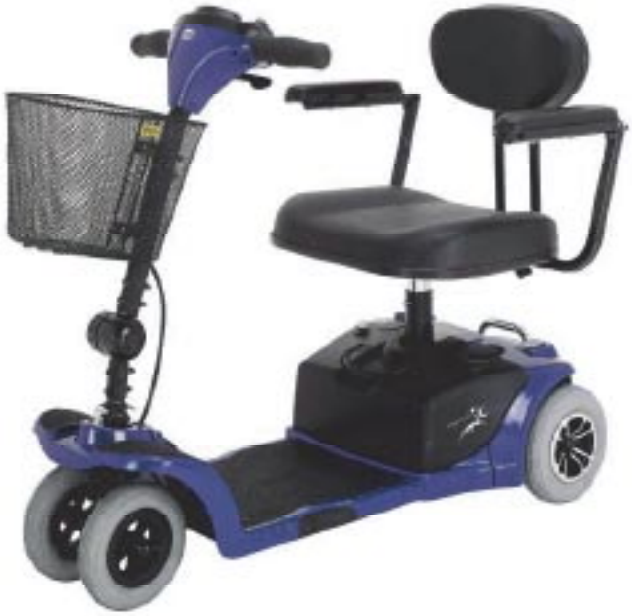
- Super light and auto latching lockup design for easy carry, storage and transportation
- Loop tiller with finger control type throttle provides more comfort
- Flip-up armrests with height, width & angle adjustments
- Limited lifetime warranty on frame

Dimensions (cm):

- L-102 W-54 H- 82

Model:

Omni-Micro



Technical Specs

Max. speed up to	7kph / 4.5mph
Range up to	14km / 9mi.
Turn radius to	97cm / 38"
Ground clearance	6cm / 2.4"
Motor	DC24V, 120W (Rating) / 450W (Max)
Controller	C40
Battery	12V / 15AH x 2 pcs
Charger	1.5A off-board
Gradient	6^0
Front Wheel	7" x 1-1/4" foam filled tyre
Rear Wheel	8" (200 x 50) foam filled tyre
Brake	intelligent, regenerative, electromagnetic brakes

Features:

- Compact design for narrowest door and narrow space driving possible
- Easy disassembly and easy handling makes the vehicle ideal for travelling
- Recommended as a second scooter for short transportation and storage, ideal for light ride
- Comfortable and adjustable tiller to fit various individual postures
- Easy to recharge detachable integrated battery with 1.5A off-board charger

Dimensions (cm):

- L-100 W-51 H- 82