

# Quingo™*air2*

## 5 WHEEL MOBILITY SCOOTER

- SPECIFICATIONS
- USEFUL INFORMATION
- ACCESSORY OPTIONS

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DESIGN BY ADVANCED  
VEHICLE CONCEPTS





The 'take-apart' portable with range extender and off vehicle charging options. The perfect mobility solution for use in smaller spaces, ideal indoors or out, in shopping centres and easily transportable in the boot of even the smallest of cars.

### Intended use of the vehicle

The vehicles have been classified according to EN 12184 as class B mobility product for indoor and outdoor areas. Speed, range, turning circle, safe climbing ability, maximum obstacle height and permissible operating conditions can be found in 'Specifications' and 'Useful Information'. This vehicle is designed for those people with a disability that impairs their mobility, such as severe Arthritis, Osteoporosis or any other condition that restricts limb movement. It will suit users up to the maximum recommended weight, with any disability where a high level of stability, maximum manoeuvrability and the correct anatomical seating position will be beneficial. This vehicle should be used on hard ground and is not intended to run in water or muddy areas. Sandy or gravel areas should be avoided as they can seriously affect the range. These products are not intended as off road vehicles.

### Transportation

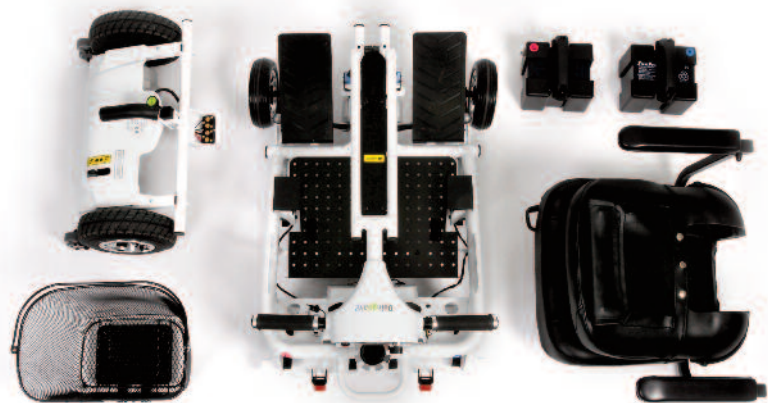
This vehicle is designed to be transported in the rear of a suitable vehicle. Dimensions should be checked before purchase. The seat should be removed and the scooter dismantled according to the handbook prior to loading. When transporting the scooter in a car assembled, the user must not be seated in the vehicle at any time. For transportation by air, this vehicle is 'Air Safe' please contact your preferred airline for more information.

# SPECIFICATIONS

## Model code: QUI A

## Specification

Type	5 Wheel Personal Mobility Vehicle
Maximum Speed	4 MPH (6.4 KPH)
Carrying Capacity	21.5 Stone 136 kg 300 lbs
Motor size	DC 24 Volt 110 Watt
Controller	45 Amp
Battery Size	2 X 15 Amp Hour
Battery Charger	Automatic Off Board 2 Ah
Braking	Automatic Regenerative Brake Automatic Electromagnetic Parking Brake
Controls	Easy View Analogue Dash Board Illuminated Battery Meter Gauge Infinitely Variable Speed Dial Fingertip Forward / Reverse Speed Levers High Security Ignition Key Audible Warning Horn Button
Steering	Quintell™ Active Tri-Wheel Steering Fully Adjustable Steering Column Quintell™ Solenoid Stabilising System
Seating	Lightweight Seat with Folding Back Rest Width and Height Adjustable Flip Up Arm Rests Forward Reverse Seat Slide Swivel Seat Mechanism Quick Release Seat Belt Rear Facing Seat Pocket
Bodywork	White ABS
Comfort and Convenience	Quintell™ Independent Adaptive Floating Foot Plates Frame Mounted Removable Front Shopping Basket Quintell™ Kerbmaster™ Anti Grounding/Tipping
Warranty	Please refer to your country's exclusive importer/distributor for warranty Terms & Conditions applicable in your country



# ACCESSORY OPTIONS

Code	Description
SP 1	Rear View Mirror R/H/S
SP 2	Rear View Mirror L/H/S
SP 3	Stick Clip R/H/S
SP 4	Stick Clip L/H/S
SP 6	Rear Shopping Bag and Crutch holder
SP 7	Scooter Storage Cover
SP 12	Scooter Garage
SP 13	Rear Mounted Oxygen Cylinder Carrying Bag
SP 19	Puncture Resistant Treatment to all Pneumatic Tyres
SP 20	Scooter Mac
SP 21	Water Resistant Basket Liner
SP 38	Range Extender & Remote Charging Pack (inc 2 batteries)
SP 50	Quingo Hi Vis Insulated Safety Jacket
SP 52	High Capacity - Water Resistant - Front Shopping Box

For access ramps please refer to your country's exclusive importer/distributor



**Quintell™ Solenoid Stabilising System**  
Controls Active Tri-Wheel Steering



**Quintell™ Kerbmaster™**  
Anti-tipping / Powered Anti-grounding



**Quintell™ Non-Slip Adaptive Footplates**  
Adjustable to match your measurements



**Simple to use ergonomic controls**  
High security ignition & light-up battery gauge







DISTRIBUTOR STAMP:



Specifications and applicable accessories may vary from country to country contact your country's main dealer/importer for details.



**DESIGN BY ADVANCED VEHICLE CONCEPTS**

### Advanced Vehicle Concepts

7 Stadium Way, Cradock Road Industrial Estate, Luton, Bedfordshire LU4 0JF United Kingdom

[www.ningo.com](http://www.ningo.com)

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# USEFUL INFORMATION

## Performance

	Metric	Imperial
Maximum Speed	6.4 kph	4 mph
Travel Range Maximum*	16 km	10 miles
Travel Range Maximum with optional Extender Pack*	29 km	18 miles
Turning Radius	104 cm	41 inches
Maximum Kerb Height	5 cm	2 inches
Maximum Gradient	6 degrees	

## Measurements

	Metric	Imperial
Length (without basket)	107 cm	42 inches
Width	56 cm	22 inches
Height (seat at lowest setting)	93 cm	36.6 inches
Height (with seat removed)	58 cm	22.8 inches
Wheelbase (from wheel centres)	78 cm	31 inches
Seat Width	41 cm	16 inches
Seat Depth Actual	38 cm	14.9 inches
Seat Depth to ISO 7176.7	28 cm	11 inches
Backrest Height	36 cm	14.2 inches
Seat Height from Deck	38 - 44 cm	15 - 17.3 inches
Seat Height from Ground	54 - 59 cm	21.3 - 23.2 inches
Leg Room (hip to footplate)	69 - 85 cm	27.2 - 33.5 inches
Foot Area (battery cover to footplate)	53 cm	21 inches
Ground Clearance (at centre of chassis)	12.7 cm	5 inches
Ground Clearance at Lowest Point	5.5 cm	2.2 inches

## Weights & Capacities

	Metric	Imperial
Carrying Capacity	136 kg	21.5 Stone/300 lbs
Seat without Armrests	8.8 kg	19.4 lbs
Seat with Armrests	11.6 kg	25.6 lbs
Weight of Each Battery	4.5 kg	10 lbs
Weight of Range Extender Pack (with batteries)	10.8 kg	23.8 lbs
Shopping Basket	1.4 kg	3.1 lbs
Heaviest Component - Front Section (when dismantled)	26.6 kg	58.6 lbs
Rear Section (when dismantled)	12.8 kg	28.2 lbs
Total Unladen Weight	61.4 kg	135.4 lbs
Total Unladen Weight with Range Extender Pack	72.2 kg	159.2 lbs

\*Travel range varies greatly by each of the following factors such as type of terrain, surfaces driven on, the weight of the rider, the ambient temperature & the condition and age of batteries. All of these factors can reduce the quoted travel range calculated in ISO716-4:2008 test conditions.

