



# Leon F Kameleon

Empower and Socialise



Enable children in their personal development, maximise independence, and social integration.

## Empower and Socialise

4 positioning functions and biomechanical design. 2 seat sizes, fully adjustable to provide stability, alignment, and comfort all day.

Front-wheel drive power base with narrow wheelbase which allows agile manoeuvrability. 4-wheel suspension system and chassis design promises a stable and safe ride, whether moving around at home or having fun at the playground.





Adjustability plays a key role in children's wheelchairs. The Kameleon offers adjustments of 10-12 inches in seat width and 11-14 inches in seat depth.

## Growing Up with Kameleon

### Two seat sizes, 85% growing range

Designed to grow with the user from 3 to 12 years old. Between the smallest and the biggest seat size, the growing range is 85%.

### Leon, adult seat compatible base

Easily transferable to an adult seating system, supporting the transition from child to young adult.



### Expandable seat

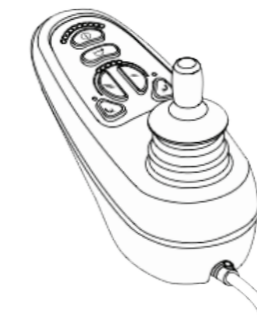
- Seat width and depth expandable.
- Backrest size expandable in height and width.
- Every back panel can be adjusted into a position that is best fitted to the child.



## First Time Mobility

Depending on the physical condition of the user, Kameleon can accommodate other types of controllers:

### Side controls



VR2

Up to 2 power functions control



R-Net / JSM

Multi-power seat functions control



R-Net / CJSM

Multi-power seat functions control with LCD screen



Tray Table Control



Push buttons style

Toggle switches style

Switchbox Controls



Attendant Control



It is the only power wheelchair on the market to provide full power functions, including power tilt, recline, lift, and elevating leg rest. It also offers a wide range of adjustments.

## 4 Positioning Functions



### Power lift

Easy to sit at a table and avoid body overstretching when the user tries to obtain objects from high shelves. Promotes equality and integration, maximises self-confidence by allowing children to have eye-level interactions with their friends and adults.



### Power tilt

The power tilt enables the user to change their position by themselves and shift the weight from their buttocks to the back, maintaining a good posture. This feature also aids stability while driving downhill, making the ride safer and more comfortable.



### Power elevating leg rests / Manual elevating leg rests

Elevating leg rests with biomechanical rotation joints, help the legs to stretch. The leg rests are highly adjustable in length, knee angle, and footplate angle.



### Biomechanical manual recline

Recline function with optional shear reduction opens the angle between the seat and the back, allowing the user to rest and relax outside, and making diaper changes easier.



The height, angle, and curvature of the headrest are adjustable to help ease the pressure on the head and shoulders. An additional rail can be added to increase the horizontal range of adjustment.

## Tailor Fit Positioning Support

### 3D head support:

Adjustable and expandable

The height, angle, and curvature of the headrest is adjustable to help ease the pressure on the head and neck. The size can be expanded by adding components.

### Lateral trunk supports:

Adjustable for easy transfer

Are adjustable in height, depth, angle, and distance between both supports. Allows the pads to match the body's contours, enhancing comfort and trunk support.

### 3D lateral pelvic & hip supports:

Adjustable and expandable

Easily added to the seat frame for additional positioning support. The pad's height, depth and, angle are adjustable, providing flexibility and security.





Indoor and outdoor, front-wheel drive Leon power base. The narrow wheelbase allows for agile manoeuvrability. It is geared for speed without compromising on stability or control.

## Ride Like a Leon

### **Full 4-wheel suspension; safe and smooth**

Comfort and smooth while moving around at home or heading out to the playground. Speeds of up to 12.5 km/hr, the strong motors can overcome the roughest terrains, keeping the child safe.

### **Compact base, tight turning radius**

620 mm wide base, moving effortlessly through the home, school doorways, into lifts, and around confined spaces. Perfect for keeping up with family and friends.

### **Intuitive and confident front-wheel drive**

Smooth transition over obstacles, providing strength and stability.



The abducted seating of the Kameleon was designed to help children to support their legs and remain in this natural sitting position.



## Sit Stable, Sit Right

### Supports children as parents do

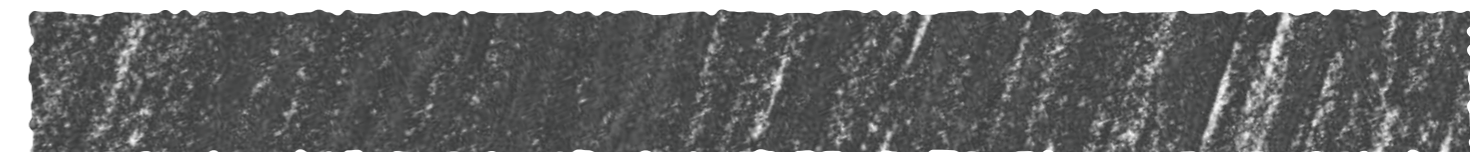
Kameleon's backrest design philosophy is to represent three pairs of hands, shaped to perfectly support the curve of the user's back, a symbol of parents' care. Functionally can be adjustable into a position that best fits the child as they grow.

### Abducted seating design

Allows the user's legs to spread naturally, widening up the pelvic base of support and increasing the hip joint integration, for an adequate seating position.

### Customisable seat wedges

Customisable hard foam wedges create the perfect fit and seating support for special needs.







## Your Safety Matters

### Highest safety standard

Suitable to be used as a seat in a motor vehicle or school bus for transportation.

ISO 7167-19:2008 crash test, using 4-point tie down straps  
ISO 7167-19-2008 / 10542 WTORS, using Dahl docking station  
EN 12184 and ISO 7176 range of safety regulations

### Auto speed reduction

- Driving speed automatically reduced when the seat lift and tilt are activated.
- Driving function automatically blocked when the table control is flipped over.

### Maximum base stability

The chassis is designed in the way to give maximum stability and safety.

### Front anti-tippers

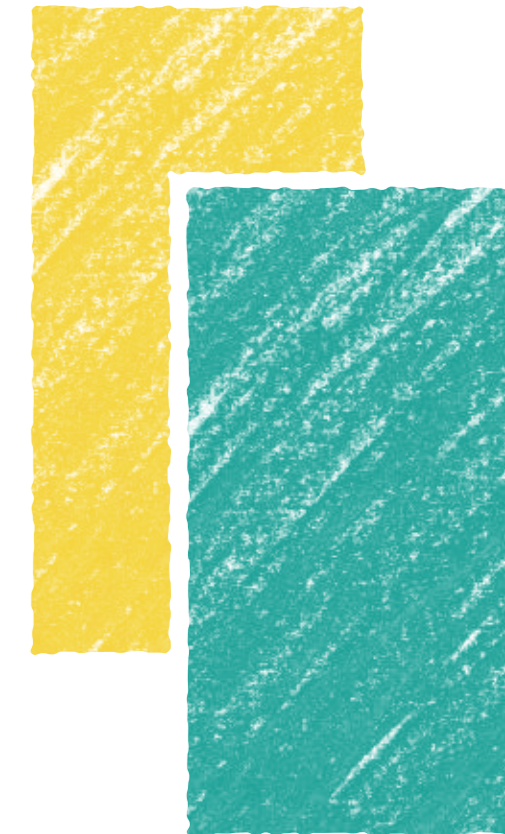
Anti-tippers in the front provide a stable platform at every angle.

### Gyro technology

Helps to maintain direction and control when overcoming obstacles like thresholds, curbs, or any external forces.

### Impact-resistant tray table control

Polycarbonate material used on the center-mounted table control is durable and impact resistant.





## Specifications

	SIZE 1	SIZE 2
Nominal Seat Width (mm)	250 - 300	350 - 400
Nominal Seat Depth (mm)	255 - 395	310 - 450
Effective Seat Width (mm)	250 - 300	350 - 400
Effective Seat Depth (mm)	275 - 410	330 - 470
Front Wheel Size	3.00 - 8	
Rear Wheel Size	2.80/2.50 - 4	
Seat Surface Height at Front Edge (mm)	460	460
Backrest Height (mm)	420 - 600	500 - 680
Armrest Height (mm)	120 - 215	230 - 325
Footrest to Seat Distance (mm)	160 - 380	160 - 380

Seat to Backrest Angle (x°)	91 - 142
Ground Clearance	Min. 60
Obstacle Climbing (mm)	Max. 50
Dynamic Stability Uphill (x°)	6
Minimum Turning Radius W/O User (mm)	Min. 660
Controller	R-net
Motor (W)	450
Battery (Ah)	50x2 / 80x2
Battery Compartment	345 x 260 x 220

Power Tilt	(-3) - 42°	(-3) - 42°
Manual Recline	(-3) - 48°	(-3) - 48°
Power Elevating	84 - 140°	84 - 140°
Manual Elevating	89 - 172°	89 - 172°
Power Lift	460 - 760mm	460 - 760mm



Maximum Speed Forward (km)	Min. 6	Max. 12
Drive Range (km)	25.6(50AH) / 46(80AH)	
Suspension	4-wheel suspensions	
Max. User Weight (kg)	57	
Total Mass (kg)	167(50AH) / 196(80AH)	
Total Mass Without Batteries (kg)	Min. 136	Max. 142
Mass of Heaviest Part (kg)	116	
Overall LxWxH (mm)	Min. 1090 x 620 x 760	Max. 1260 x 620 x 820
Folded LxWxH (mm)	Min. 1010 x 620 x 760	Max. 1010 x 620 x 820



# karma

mobility solutions

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