

Powerful Wheelchairs for Powerful People



PRODUCT BROCHURE

LEOflex **LEO350**

moso[®]
Experience the movement

Two Solutions





for One Challenge

We are proud to have created the purpose built XXL wheelchairs LE0350 and LEOflex: two perfect mobility solutions for you. Both are exceptionally robust and compact, while offering high weight capacity. They are innovative and high-tech solutions that are built around the individual for maximum manoeuvrability and quality of life.

Powerchair driving made easy.

LE0350. *350kg weight capacity, comfortable and secure over uneven terrain. The LE0350 cuts a fine figure and is agile enough to use indoors.*

LEOflex. *250kg weight capacity, turns on the spot making it light and flexible to drive indoors but also a comfortable drive in the urban outdoors.*

LEO350

MAKES YOU POWERFUL

- Max. user weight 350kg/55 Stone
- Anthrodesis Seating System
- Innovative Design
- Seating and suspension system individually adjustable
- Manoeuvrable on uneven terrain
- Small turning circle of only 87.5 cm
- Easy transfer in and out
- Perfect for outdoor use
- Footplate lowers to the floor



LEO350

The first XXL wheelchair from MoSo GmbH makes quite the impression. The Leo 350 is quiet, stylish, robust and manoeuvrable. A top performer, specially designed for greater body mass thanks to its high-quality workmanship, its strong but whisper-quiet motors and its first-class suspension.

The LEO350 masters rough terrain without issue; making it the perfect wheelchair for outdoor use – whilst also working well indoors. A powerchair that is robust in design but drives like a true gentleman. The arthrodesis ramped seat has a low seat-to-floor height of 36cm and a footboard which lowers to the floor enabling an easy transfer for those with limited mobility. A special highlight of the LEO350 is the center of gravity gauge, which we tailor to the individual. Numerous other options create an individually optimized seating experience and provide maximum manoeuvrability.

In addition to standard rear wheel direct steering, the LEO350 can also be equipped with indirect steering. Even with a load of up to 350 kg, the Leo 350 has a small turning circle, making it an all-rounder for indoors.

LEO 350



Thanks to the numerous positioning options, such as back supports, cushions and leg rests, the Leo350 can achieve a near-lying position.



The innovative leg rest enables the footplate to sink to the floor to ease transferring in and out of the Leo 350.



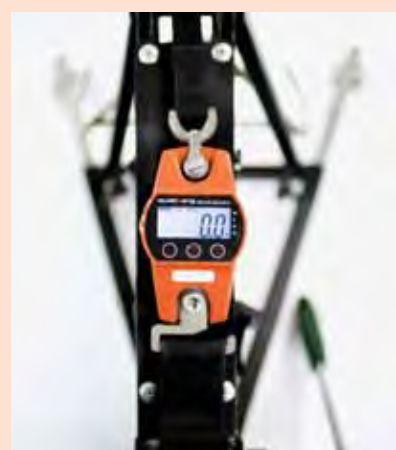
The drive controls are mounted on a swing away bracket. This enables the armrest to be used as a transfer support and the user to approach tables. Additionally the controller can be used in a reclined position.



The large wheels and extremely good suspension make light work of uneven terrain, whilst remaining manoeuvrable.



Pictures show optional appointments



The Leo 350 can be individually calibrated taking into consideration driving conditions, total weight and drive handling up ramps.

LEOflex



The gyroscope assist ensures that the LEOflex drives smoothly and perfectly true.



The ramped anthrodesis seating system makes transferring in and out easier and therefore reducing stress, making the whole seating experience more relaxing.



Indirect steering enables turning on the spot. The twin wheels support heavier loads and provide stability.



To prevent damage when colliding into an obstacle, the leg rests automatically act as a buffer.



LEOflex

MAKES YOU POWERFUL

- Max User Weight 250 kg/39 Stone
- Anthrodesis Seating System
- Innovative Design
- Seating and suspension system individually adjustable
- Extremely manoeuvrable
- Easy transfer in and out
- Unique shock absorption leg rest system
- Gyroscope assist for a smooth and straight drive performance
- Ideal for indoor use
- Footplate lowers to the floor



LEOflex

The LEOflex is the smaller sibling of the LEO 350 and although it shares many of the same qualities, the LEOflex offers a few unique features of its own. The LEOflex has a lower max. weight capacity of 250kg, but offers fantastic manoeuvrability. Due to the newly developed pendulum axle with indirect steering.

The LEOflex is surprisingly streamline and turns on the spot. Tight corners around the home can be easily negotiated depending on the seat width. The Gyroscope assist guarantees a smooth, straight drive each time. Shocks and bumps are absorbed, as the pendulum axle and front wheels both have suspension. The LEOflex is therefore perfect for both indoor and outdoor use.

Both the LEO350 and the LEOflex are equipped with an innovative leg rest that is centrally mounted. It is adjustable in angle and length and has a shock absorption function which flexes resiliently following collision or overload, in order to avoid damage.

TECHNICAL SPECIFICATIONS	LEO350	LEOflex
Max. user weight	max. 350 kg	max. 250 kg
Base weight (configuration dependent)	approx. 170 kg	approx. 150 kg
Base width	72 cm	72 cm
Base length (without leg rests)	97 cm ¹	90 cm
Unit height (without back)	96.5 cm	96.5 cm
Turning circle (Turning radius)	min. 87.5 cm ¹	min. 71.5 cm
Max. speed	max. 6 / 10 km/h	max. 6 km/h
Range (dependent on user weight, terrain, temperature and drive behavior)	25 km	20 km
Obstacle height	8-10 cm ¹	approx. 5 cm
Motors	2 x 550 Watt	2 x 550 Watt
Batteries	2 X 12 V / 74 AH	2 X 12 V / 74 AH
Charger	10 A / silent	10 A / silent
Climbing potential (dependent on user weight and centre of gravity position)	18-27 % (10-15°)	approx. 12 % (7°)
Transfer height (without cushion)	min. 36 cm	min. 36 cm
Seat height at rear (without cushion)	min. 43 cm	min. 43 cm
Seat width / width with armrests	45-115 cm / +12 cm	60-82 cm / +12 cm
Seat depth (dependent on back support)	35-70 cm	42 oder 51 cm
Back height (without seat and back cushions)	53-73 cm	53 cm
Tilt (necessary for transfers using the footplate)	30°	30°
Powered leg length adjustment (necessary for transfers using the footplate) ³	10 cm	10 cm
Powered hip angle adjustment (necessary for transfers using the footplate) ³	50°	50°
Powered knee angle adjustment (necessary for transfers using the footplate) ³	30°	30°
HD - swing away controller hardware (necessary for transfers using the footplate) ³	yes	yes
Powered seat height adjustment	15 cm	no
Indirect steering (small turning circle, agile drive performance)	yes (optional)	yes
Direct steering (all terrain, very stable)	yes	no
Front wheels (pneumatic)	350 mm / 14"	350 mm / 14"
Rear wheels (pneumatic)	350 mm / 14" ¹ 180 mm / 7" twin wheels ²	180 mm / 7" twin wheels

¹ direct steering ² indirect steering ³ where required



Manufacturer:
In-Tra-Tec GmbH

Sales:
motion solutions[®] GmbH
Karlstraße 8
D-42897 Remscheid

Tel. +49 2191/209004-20
Fax +49 2191/209004-22

info@moso-gmbh.de
www.moso-gmbh.de

Your dealer: