

W5 Suspension

- ✓ Fully welded rear axle
- ✓ Designed suspension with Wolturnus Pivot Point Kinematics (WPPK)
- ✓ Adjustable air suspension
- ✓ Fixed or adjustable backrest
- ✓ Maximum user weight: 150 kg



▲ W5 Suspension is designed for the active user, who wants extra comfort.

1 BOX FRAME

Closed box frame made of 7020 aluminium for optimal strength.

2 SIDE PARTS

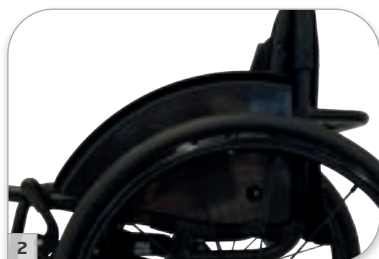
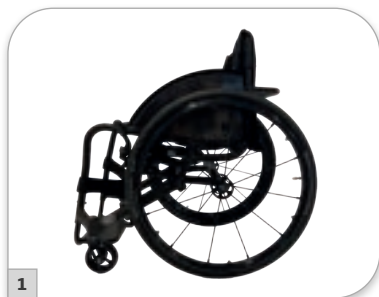
Choose between carbon, dibond and aluminium side parts, with or without clothes guard.

3 REAR SUSPENSION

Adjustable, elegant rear suspension with the special Wolturnus Pivot Kinematics (WPPK) system. The suspension works like a four-bar linkage, with two kinetic links that allow the wheelchair to move independently in the vertical and horizontal directions

4 INDEPENDENT COMPRESSION & REBOUND

DebonAir+ is an air suspension system that maximises the potential for fine tuning. The damper offers precise air tuning options with both compression and rebound adjustability, allowing it to tackle a variety of obstacles and terrain. The Rockshox DebonAir+ is a spring/damper preferred for its capabilities regarding adjusting, but also for its simplicity when it comes to maintenance.



Lightweight and robust - for an active life

W5 is designed for an active lifestyle. The robust and lightweight rigid wheelchair ensures the optimal balance between strength and weight, making the most efficient use of the user's energy.

The W5 Suspension is the latest model in the W5 series and, like all other W5 models, is custom-made.

What sets W5 Suspension apart is its design featuring an air-sprung rear axle with the Wolturnus Pivot Point Kinematics system (WPPK). This is designed to provide a smooth and comfortable ride experience.

The system uses a unique pivoting system which provides superior suspension and cushioning support for the user. The suspension works like a four-bar linkage, with two kinetic links that allow the wheelchair to move independently in the vertical and horizontal directions. This helps to reduce shock when travelling over rough terrain and also helps minimise fatigue for the user. The system also eliminates any potential wobbling as the wheelchair moves along.

Thus, this wheelchair is particularly suitable for active users who require on-going adjustment of the seating position and smooth driving characteristics. The W5 Suspension can be particularly beneficial for wheelchair users with pain problems in the back, for example.



TECHNICAL DATA		W5 SUSPENSION
	MAX USER WEIGHT	150 KG
	PRODUCT WEIGHT	FROM 6,5 KG
	SEAT WIDTH	32 - 50 CM
	SEAT DEPTH	34 - 52 CM
	SEAT HEIGHT FRONT	36 - 55 CM
	SEAT HEIGHT REAR	36 - 55 CM
	BACKREST HEIGHT	25 - 46 CM
	CHILDREN & YOUTH	YES