



Combine passion with experience and the result is Power!

MAXIMILIAN RAAB / DICK VAN DE BEEK

#Founder and CEO of DIETZ Power





Passion combined with many years of experience provides the force behind the DIETZ Power team as it works to optimise the quality of life of people with reduced mobility.

DIETZ Power is highly successful in combining functionality with modularity.

This means it can supply wheelchairs for any type of user and any environment, and that each one is fully adjustable in terms of both functionality and comfort, right down to the last detail. At the same time, the wheelchair's design is always in perfect balance.

If no suitable solution can be built using standard components, DIETZ Power provides specials – customised products created by our specialists.

DIETZ Power B.V.

The perfect balance between functionality, comfort and design

Practical functionality and a high level of seating comfort – along with excellent driving characteristics – all help to make life easier.

DIETZ Power has developed a number of different frames that fit onto a carefully designed universal base unit.

The various seating systems and frames that are available can be connected together, thereby creating a new combination every time, each with its own unique attributes and driving characteristics.

Either the state-of-the-art [SANGO advanced](#) or the [SANGO slimline](#) teamed with the [SEGO basic](#) or [SEGO comfort](#) seating system provides the perfect solution for adult wheelchair users.

The DIETZ Power [SEGO junior](#) seating system is ideal for younger users.

The [SANGO xxl](#) provides additional space and, thanks to its strong, broad frame, also offers a higher weight capacity and increased stability.

	SEGO basic	SEGO comfort	SEGO xxl	SEGO junior
SANGO advanced	X	X		X
SANGO slimline		X		X
SANGO xxl			X	
SANGO basic	X			

Advanced technology with a high level of comfort

The SANGO base drive unit

There are various frames to choose from, depending on what the wheelchair will be used for, the environment involved, and the physical build and personal requirements of the user. Options include a rear-wheel drive (RWD), mid-wheel drive (MWD) or front-wheel drive (FWD) unit, or a very low, ultra-slim or extra-strong frame.

The SANGO frames combine modern technology, robust construction and ease of maintenance with a contemporary design.

Adjustments module

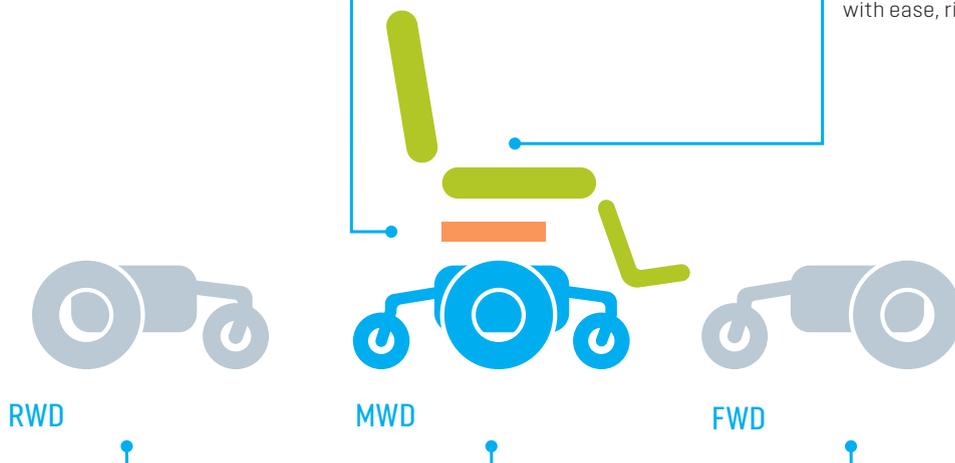
The SANGO frame and the SEGO seating system are connected by electrical or manual adjustment options (such as a tilt adjustment and seat lift). It is important to note that the tilt adjustment adds nothing to the extremely low seat height of 39 cm (offered by the SANGO advanced), while the seat lift adds just 1 cm.

SEGO seating system

The SEGO seating systems and support elements provide the very best comfort under any conditions. And it goes without saying that the materials used are of the highest quality.

But unless the basics (such as the seat width, seat depth, armrest height and footplate height) are correctly adjusted, users will not feel the full benefit of the high level of comfort offered and the top-quality materials used.

The SEGO seating system allows professionals to adjust the basic settings with ease, right down to the last millimetre.





SEGO seating system

The SEGO seating system is available in two versions: basic and comfort.

The SEGO basic will be sufficient for any users who have mobility issues only.

If the user requires seating comfort and stability in addition to mobility, then the SEGO comfort will be the preferred choice, as it comprises a range of seat and back cushions, along with accessories for additional support.

But comfort is not something to be achieved merely by selecting the right seating elements, support accessories and adjustment options; the correct adjustment of the seating system is actually where it all starts.

The SEGO comfort seating system has been very carefully thought out and makes it possible for rehabilitation professionals to accurately adjust the seating to individual users, right down to the last millimetre.



FWD



MWD



RWD



SANGO advanced: The All-Rounder

Depending on what the wheelchair will be used for, the environment involved and any individual requirements, a rear-wheel drive (RWD), mid-wheel drive (MWD) or front-wheel drive (FWD) base unit can be selected. The base units are optimally sprung for comfort. If required, the swivel castor forks in the RWD and FWD models can also be fitted with additional suspension.

MINIMUM SEAT HEIGHT of 39 cm,
even with electrical adjustments

SUPERBLY EASY ACCESS TO
ELECTRONICS

EXTREMELY
MAINTENANCE-FRIENDLY

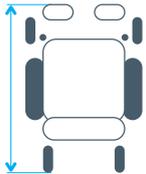
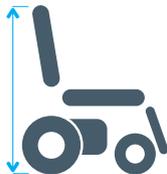
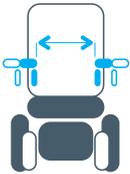
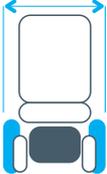
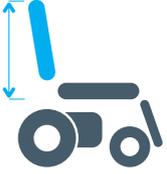


SANGO advanced SEGO junior FWD



SANGO advanced SEGO comfort RWD

Specifications SANGO advanced

 <p>Maximum user weight Comfort 160 kg Junior 65 kg Basic 136 kg</p>	 <p>Maximum speed 6, 10 and 12.5 km/h</p>
 <p>Wheel sizes Driving wheels (A) 12" and 14" Castors (B) RWD / FWD 8" and 9" MWD 7" and 8"</p>	 <p>Total length RWD 98 cm FWD 98.5 cm MWD 107 cm</p>
 <p>Seat height without seat cushion, 14" wheels Comfort 39 (MWD 41), 42, 44, 46 and 48 cm Junior 39 (MWD 41), 42, 44, 46 and 48 cm Basic 42, 44 and 46 cm</p>	 <p>Total height without headrest Comfort min. 101 / max. 134 cm Junior min. 91 / max. 124 cm Basic 96 cm</p>
 <p>Seat / back width Comfort 42, 44, 46, 48, 50, 52 and 54 cm Junior 32 and 37 cm Basic 36, 41 and 46 cm</p>	 <p>Total width Min. 61.5 / max. 70 cm</p>
 <p>Seat depth Comfort adjustable from 42 to 56 cm Junior adjustable from 30 to 40 cm Basic adjustable 41, 44.5, 48 and 51.5 cm</p>	 <p>Back height Without headrest and seat cushion Comfort 50 and 57 cm Junior 30, 35 and 40 cm Basic 50 cm</p>





[SANGO slimline SEGO comfort](#)

MWD



SANGO slimline: base width of 53 cm

In situations that make using a standard-sized wheelchair difficult or perhaps even impossible (when encountering old, narrow lifts and narrow door openings, for example), the SANGO slimline offers the solution.

Although there are several wheelchairs on the market that can cope with such problems, battery capacity is often the compromise that users will be asked to make. But not where the SANGO slimline is concerned, as it is fitted with 60 Ah batteries.

The SANGO advanced's
svelte little sister!

TOTAL WIDTH 53 cm,
even with 14" wheels!

LONG RANGE thanks to
60 Ah batteries

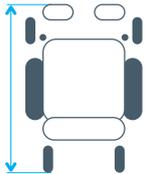
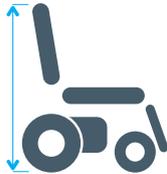
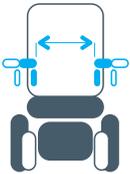
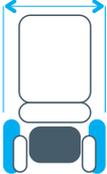
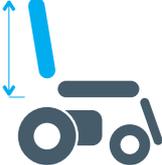
Due to the modularity of the SANGO range of wheelchairs, every component on top of the base drive unit is identical to the SANGO advanced.

Thanks to its compact design, the SANGO slimline is not only suitable for tight spots but is also the perfect base for combining with our SEGO junior seating system.



SANGO slimline SEGO junior

Specifications SANGO slimline

 <p>Maximum user weight Comfort 136 kg Junior 65 kg</p>	 <p>Maximum speed 6 and 10 km/h</p>
 <p>Wheel sizes Driving wheels (A) 12" and 14" Castors (B) RWD 8" and 9" MWD 7" and 8"</p>	 <p>Total length RWD 98 cm MWD 107 cm</p>
 <p>Seat height without seat cushion, 14" wheels 41, 43, 44, 45, 46, 47, 48 and 50 cm</p>	 <p>Total height without headrest Comfort min. 101 / max. 134 cm Junior min. 91 / max. 124 cm</p>
 <p>Seat / back width Comfort 42, 44, 46, 48 and 50 cm Junior 32 and 37 cm</p>	 <p>Total width Min. 53 / max. 70 cm</p>
 <p>Seat depth Comfort adjustable from 42 to 56 cm Junior adjustable from 30 to 40 cm</p>	 <p>Back height Without headrest and seat cushion Comfort 50 and 57 cm Junior 30, 35 and 40 cm</p>



FWD



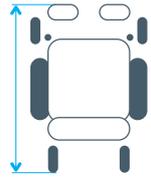
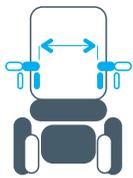
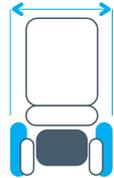
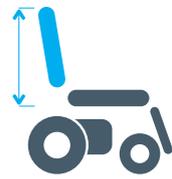
The SANGO advanced's
cool big brother!

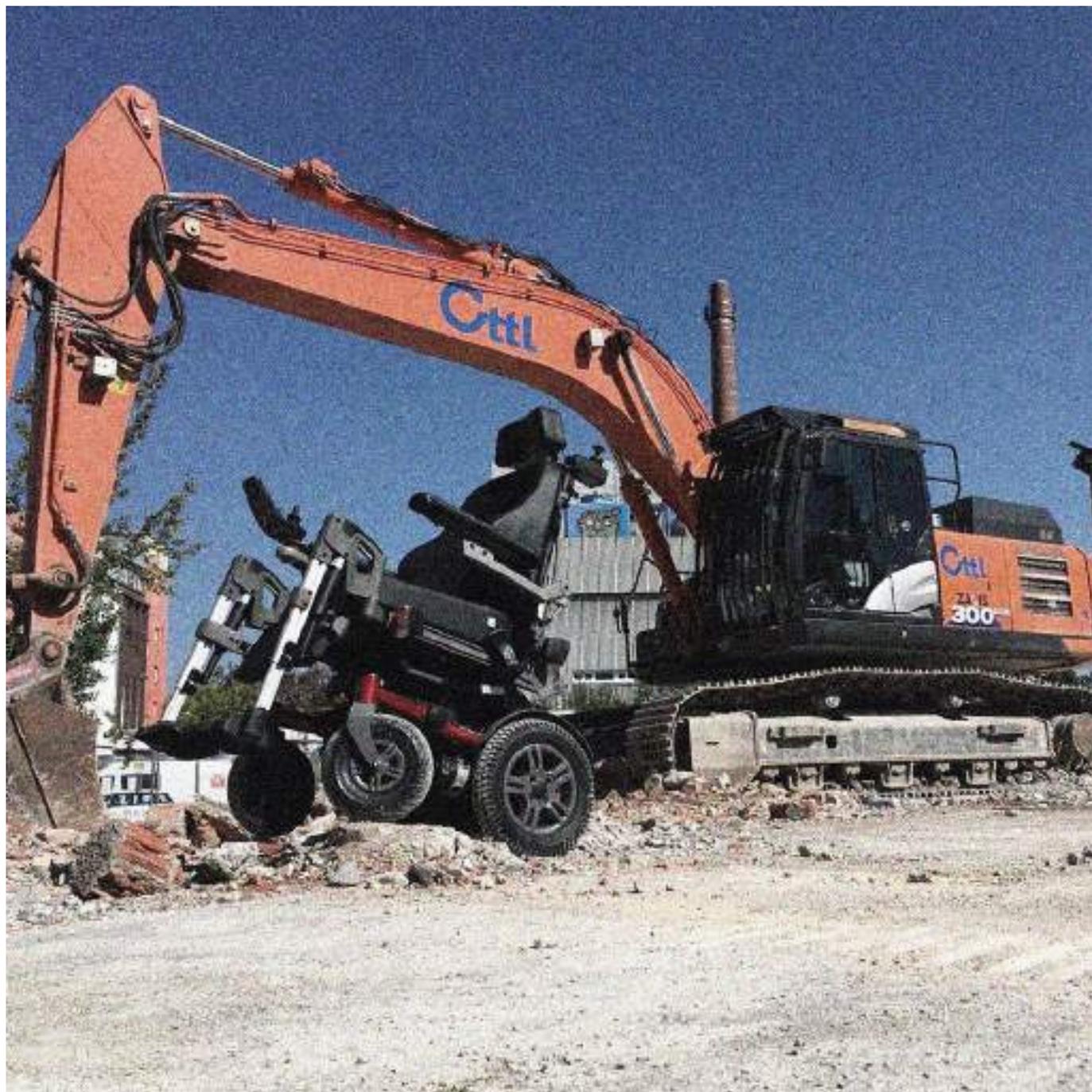
SANGO xxl: user weight up to 250 kg

The SANGO xxl features a specially designed wide frame, sturdier driving motors, heavy-duty suspension, reinforced wheels, and the option of 100 Ah battery capacity.

In addition to all of this, users of the SANGO xxl can opt for electrical adjustments (such as a tilt adjustment, back adjustment and seat lift) up to the maximum user weight – something that other models on the market do not offer.

Specifications SANGO xxl

	Maximum user weight 250 kg		Maximum speed 6 km/h
	Wheel sizes Driving wheels (A) 12" and 14" Castors (B) 8" and 9"		Total length 98.5 cm
	Seat height without seat cushion, 14" wheels 45, 47, 49 and 51 cm		Total height without headrest 115.5 cm
	Seat / back width 60 and 64 cm		Total width Min. 69.5 / max. 70 cm
	Seat depth Adjustable from 48 to 56 cm		Back height Without headrest and seat cushion 50 and 57 cm





SANGO with special controls

About the electronics

Electronics are, of course, what make a powered wheelchair a powered wheelchair.

DIETZ Power uses the thoughtfully designed VR2 and R-net electronic systems in its products.

If a user is unable to use a standard joystick module due to too little or too much power, coordination and/or movement, DIETZ Power offers a whole range of alternative special control options.





Direct Actuator Control



Catapult seat



Tilt / seat lift

Possible configurations

	Drive			Speed in km/h			Seating system				Electronics		
	RWD	FWD	MWD	6	10	12	SEGO basic	SEGO comfort	SEGO xxl	SEGO junior	VR 2	R-Net	
SANGO advanced	X	X	X	X	X	X	X	X		X	X	X	
SANGO slimline	X		X	X	X			X		X	X	X	
SANGO xxl		X		X					X			X	
SANGO basic	X			X	X		X				X		

Electrical adjustments

	Back 30°	Back 45°	Tilt 25°	Tilt 45°	Tilt 52°	Lift 25 cm	Lift 30 cm	Leg rests	Catapult 25°	Biomechanical back 180°	Special dimensions for seat and backrest
SEGO comfort	X	X		X	X		X	X	X	X	X
SEGO junior	X	X		X	X		X	X			X
SEGO xxl	X	X	X			X		X	X		X
SEGO basic	X		X								

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