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PRODUCT CATALOGUE



Hi,

36 years ago, I was injured in a racing accident. I realised quite quickly that if I wanted a good wheelchair I was going to have to build it myself.

What was I looking for? Well, a chair built for me to drive myself. Lightweight, comfortable sitting position and great to drive. I learnt some obvious rules from racing, such as the significance of low weight, a rigid chassis, correct balancing in the chassis. My goal was to build the lightest chair ever. There have been many wheelchairs and a lot of wheelchair users since then.

In recent years it has also been a great pleasure to build chairs for children that are lighter than those available on the market. We haven't needed any market surveys – the look on a child's face tells you whether or not the chair is any good.

A few years ago, we also presented our ultralight Panthera X. It was built of carbon fibre, an extremely expensive but fantastic material that gave the chair properties that no one thought were possible.

My dream of the ultimate chair was almost fulfilled. However, as a designer and a racing driver, I know that development never stops. It is always possible to go a bit faster or do it a bit better. So I never stop working.

Jalle Jungnell
Founder/owner/designer, Panthera

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A Panthera makes most things in your daily life easier. It has excellent driving qualities, it is light to lift and it is comfortable to sit in.

This is because we've focused on the three most important features of a wheelchair: driving, sitting and lifting. These three things are done every day, all year round, and that is why they have to function in the best way possible.

DRIVING

With a chassis of chrome molybdenum or carbon fibre and footbar and pushrims of titanium, the chair is extremely lightweight and incredibly easy to manoeuvre. A precisely calculated camber angle of 2.2 degrees gives you great driving properties while the chair remains narrow.

SITTING

A continuously adjustable angle for the backrest, luxuriously soft upholstery padded and adjustable at the top with a tightening strap throughout, allows you to form the back upholstery for exact support. The chairs have a 4 or 7 degree seat angle, adjustable tightening strap in the seat and a tough adjustable seat bag. This combination provides you with excellent options for finding a sitting position that is both comfortable and functional.

LIFTING

Low weight, a low chassis and a natural, well-balanced grip make lifting the chair in and out of your car simplicity itself.





The Panthera X is the lightest wheelchair in the world. Both the chassis and the back are made of carbon fibre. The Panthera X is a wheelchair designed for experienced, active users who are able to handle a lightly balanced wheelchair without anti-tip device as this is not an option. As you can see Panthera X is made out of carbon fiber but beneath the surface lies its secret. Making something out of carbon fiber is difficult, but making it extremely light, yet at the same time strong, is the real challenge.

It has taken us five years to develop Panthera X. We've spent endless hours of testing, just to optimize the fiber directions and determine the right combination of fiber qualities.

The Panthera X is therefore both fun to drive and easy to handle – most people can lift it into a car with one hand. The Panthera X has a fixed rear axle. The chair is balanced using four positions for fixing the back frame. The angle of the backrest is adjustable. The height of the back can be adjusted



Panthera X dimensions

Seat width:	33, 36, 39, 42 and 45 cm
Backrest height:	22–35 cm
Seat height rear:	43 cm
Seat height front:	47 cm
Seat depth:	35–46 cm (adjustable)
Seat angle:	7 degrees
Total length:	82.5 cm
Total height:	69 cm
Total width:	seat width + 20 cm
Max. user weight:	100 kg

Panthera X weight

Seat width	Total weight	Transport weight
33 cm	4 400 g	2 100 g
36 cm	4 450 g	2 150 g
39 cm	4 500 g	2 200 g
42 cm	4 550 g	2 250 g
45 cm	4 600 g	2 300 g

Standard design

- Chassis of carbon fibre
- Footrest of aluminium 7075
- 24" Spinergy X rear wheels
- Pushrims of aluminium 7075
- Balancing with 4 positions
- Rear axle of carbon fibre
- 3" castor wheels
- Backrest of carbon fibre with continuously adjustable angle
- Back upholstery, adjustable
- Seat upholstery, adjustable
- X single-hand brake
- Calf band
- Tool kit
- Instructions for use

The weights are based on the chair's standard design without a brake.



Tack Upplands Motor för lån av bil.

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U2 LIGHT

The Panthera U2 light is designed for experienced, active users able to handle a lightly balanced wheelchair without anti-tip device as this is not an option. The Panthera U2 light has the same seat angles and dimensions as the Panthera U2 and the chassis has small outer dimensions, making it small, light and compact.

Thanks to the construction and light weight, the U2 light is an ideal choice if you want excellent seating and driving properties and a wheelchair that can easily be lifted into and out of a car.

Extra light Spinerogy Spox light wheels are included in the standard design. The wheelchair has a fixed rear axle made of carbon fibre. There are two design alternatives for correct balancing of the chassis, U2 light and U2 light L. An adjustable back attachment fixed in 3 positions in the seat tubing allows for fine adjustment of the balancing.



U2 light weight

Seat width	Total weight	Transport weight
33 cm	6 844 g	3 856 g
36 cm	6 924 g	3 936 g
39 cm	7 004 g	4 016 g
42 cm	7 084 g	4 096 g
45 cm	7 164 g	4 176 g

U2 light L weight

Seat width	Total weight	Transport weight
33 cm	6 906 g	3 918 g
36 cm	6 986 g	3 998 g
39 cm	7 066 g	4 078 g
42 cm	7 146 g	4 158 g
45 cm	7 226 g	4 238 g

U2 light dimensions

Seat width:	33, 36, 39, 42 and 45 cm
Backrest height:	25, 30 and 35 cm
Seat height rear:	43 cm
Seat height front:	47 cm
Seat angle:	7 degrees
Seat depth:	36–45 cm (adjustable)
Total length:	82 cm (U2 light L chassis)
Total height:	69–79 cm
Total width:	seat width + 20 cm
Max. user weight:	33–45 cm, 100 kg

Standard design

- Chassis of chrome molybdenum
- Titanium footbar
- 24" Spinerogy Spox light rear wheels
- Titanium pushriems
- Balancing with 3 positions
- Rear axle of carbon fibre
- 3" castor wheels
- Backrest with continuously adjustable angle
- Back upholstery, adjustable
- Seat upholstery, adjustable
- Single-hand brake
- Calf band
- Seat bag with magnetic fastening
- Tool kit
- Instructions for use

The weights are based on the standard design with a 30 cm backrest, footbar, single-hand brakes and 24" Spinerogy Spox light wheels.



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U2

The Panthera U2 is a modern, active wheelchair. With its slimline front and ergonomic shape it is wonderfully smooth to get around in.

The narrow, tapered front helps to keep your legs and feet in place. The tapered front allows you to get closer when transferring, making transfers easier.

The U2 can be fitted with all the accessories Panthera offers.



U2 dimensions

Seat width:	33, 36, 39, 42 and 45 cm
Backrest height:	20, 25, 30, 35, 40 and 45 cm
Seat height rear:	43 cm
Seat height front:	47 cm
Seat angle:	7 degrees
Seat depth:	35–46 cm (adjustable)
Total length:	75–87 cm
Total height:	64–84 cm
Total width:	seat width + 20 cm
Max. user weight:	33–42 cm, 100 kg. 45 cm, 150 kg

U2 weight

Seat width	Total weight	Transport weight
33 cm	8 270 g	4 714 g
36 cm	8 330 g	4 774 g
39 cm	8 390 g	4 834 g
42 cm	8 450 g	4 894 g
45 cm	8 686 g	5 130 g

Standard design

- Chassis of chrome molybdenum
- Titanium footbar
- 24" rear wheels
- Titanium pushrims
- Balancing, continuously adjustable
- Rear axle of carbon fibre
- 3" castor wheels
- Backrest with continuously adjustable angle
- Back upholstery, adjustable
- Seat upholstery, adjustable
- Calf band
- Brake
- Tool kit
- Instructions for use

The weights are based on the standard design with a 30 cm backrest, high brake and 24" standard rear wheels. The U2 is available from 7,300 g in an alternative design.



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S2 AND S2 SHORT*

In the years since we built the first Panthera, great progress has been made in the areas of sitting and driving ergonomics. We have made use of this new expertise and our 30 years' experience building superlight wheelchairs to construct a new standard chair, the Panthera S2.

The Panthera S2 is a great success. With a right knee angle, the footbar positioned further back and the non graduated adjustable backrest, most users have an upright, ergonomic sitting position. The S2 has a full frame width at the front and the front wheels are placed further out than on earlier models. This prevents the castor wheels from catching your heels.

The S2 model can be fitted with all the accessories Panthera offers.

S2 weight

Seat width	Total weight	Transport w.
-	-	-
33 cm	8 300 g	4 744 g
36 cm	8 360 g	4 804 g
39 cm	8 420 g	4 864 g
42 cm	8 480 g	4 924 g
45 cm	8 716 g	5 160 g
50 cm	8 776 g	5 220 g

S2 short weight

Seat width	Total weight	Transport weight
30 cm	8 160 g	4 604 g
33 cm	8 220 g	4 664 g
36 cm	8 280 g	4 608 g
39 cm	8 340 g	4 784 g
42 cm	8 400 g	4 844 g
45 cm	8 636 g	5 080 g



S2 and S2 short dimensions

Seat width (S2 short):	30, 33, 36, 39, 42 and 45 cm
Seat width (S2):	33, 36, 39, 42, 45 and 50 cm
Backrest height:	20, 25, 30, 35 and 40 cm
Seat height rear:	43 cm
Seat height front:	47 cm
Seat angle:	7 degrees
S2 seat depth:	40 cm
S2 short seat depth:	27–33 and 35 cm (adjustable)
Total length:	78–90 cm
Total height:	64–84 cm
Total width:	seat width + 20 cm
Max. user weight:	30–42 cm, 100 kg. 45–50 cm, 150 kg.

Standard design

- Chassis of chrome molybdenum
- Titanium footbar
- 24" standard rear wheels
- Titanium pushribs
- Balancing, continuously adjustable
- Rear axle of carbon fibre
- 5" castor wheels
- Backrest with continuously adjustable angle
- Back upholstery, adjustable
- Seat upholstery, adjustable
- Brake
- Calf band
- Tool kit
- Instructions for use

The weights are based on the standard design with a 30 cm backrest, high brake and 24" standard rear wheels. The S2 is available from 7,300 g in an alternative design.

* The S2 is available in a number of different designs, which are shown at www.panthera.se.



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S2 SWING

The Panthera S2 Swing is intended for those who need an easy to drive wheelchair with good sitting, driving and lifting properties combined with swing away leg supports. This wheelchair has all the positive properties of an active wheelchair with a stable construction in lightweight class, along with discreetly and compactly designed movable leg supports.

The Panthera S2 swing has a seat angle of 4 degrees, which makes it easier to find a good sitting position for those who kick drive or need a flatter sitting position for other reasons. The locking mechanism for the movable leg supports is discreet and practically integrated with an easy to handle construction in the tubing of the leg support. With an easy hand movement you can swing aside or remove one or both of the leg supports to allow you to kick yourself forward and to enable easy transfers.

The brake is discreetly positioned along the frame tubing and does not get in the way when you transfer. The brake can also be finely adjusted without using tools.

The S2 Swing can be fitted with all the accessories Panthera offers.



S2 Swing and S2 Swing short dimensions

Seat width (Swing short):	33, 36 and 39 cm
Seat width (Swing):	36, 39, 42 and 45 cm
Backrest height:	20, 25, 30, 35, 40 and 45 cm
Seat height rear:	43 cm
Seat height front:	45 cm
Seat angle:	4 degrees
Seat depth (Swing short):	35 cm
Seat depth (Swing):	40 cm
Total width:	seat width + 20 cm
Total length (Swing short):	85 cm
Total length (Swing):	90 cm
Total height:	73 cm (30 cm backrest)
Max. user weight:	33–42 cm, 100 kg. 45 cm, 150 kg

S2 Swing weight

Seat width	Total weight	Transport weight excl. leg supports
36 cm	9 660 g	6 104 g
39 cm	9 720 g	6 164 g
42 cm	9 780 g	6 224 g
45 cm	10 016 g	6 460 g

S2 Swing short weight

Seat width	Total weight	Transport weight excl. leg supports
33 cm	9 460 g	5 904 g
36 cm	9 520 g	5 964 g
39 cm	9 580 g	6 024 g

Standard design

- Chassis of chrome molybdenum
- Footplates that can be swung out of the way
- 24" standard rear wheels
- Titanium pushrims
- Balancing, continuously adjustable
- Rear axle of carbon fibre
- 5" castor wheels
- Backrest with continuously adjustable angle
- Back upholstery, adjustable
- Seat upholstery, adjustable
- Brake
- Calf band
- Tool kit
- Instructions for use

The weights are based on the standard design with a 30 cm backrest, foldable foot plates, high brakes and 24" standard rear wheels.



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BAMBINO

At Panthera we produce active wheelchairs recognised as being by far the easiest and smoothest chairs to drive on the market. The Panthera Bambino is no exception. An easy-to-drive everyday chair for children with the same excellent qualities as the larger members of the Panthera family.

With our wide range of accessories and the many adjustment options, a very large group of children with different needs can use the Bambino. It is easy to drive, it is easy to adapt, and it is easy to lift. The Panthera Bambino is quite simply a real active chair for children. Now also available with abduction front. This provides 6 cm more width at the knees with the same seat depth. See small photo.



Bambino dimensions

Seat width:	24, 27, 30 and 33 cm
Backrest height:	17–25 cm 27–35 cm (alternative)
Seat height rear:	39 cm
Seat height front:	41 cm
Seat depth:	25–32.5 cm (adjustable) 20–27.5 cm (seat width 24 cm, adjustable)
Seat angle:	4 degrees
Total length:	66–71.5 cm
Total height:	57–65 cm
Total width:	seat width + 20 cm
Max. user weight:	50 kg

Bambino weight

Seat width	Total weight	Transport weight
24 cm	8 120 g	4 894 g
27 cm	8 348 g	5 140 g
30 cm	8 576 g	5 368 g
33 cm	8 804 g	5 596 g

Standard design

- Chassis of chrome molybdenum
- Undivided footplate
- 20", 22" or 24" rear wheels
- Titanium pushrims
- Balancing, continuously adjustable
- 5" castor wheels
- Backrest with continuously adjustable angle
- Back upholstery, adjustable
- Seat upholstery, adjustable
- Anti-tip device
- Brake
- Tool kit
- Instructions for use

The weights are based on the standard design with a footplate, forward positioned brake, anti-tip device and 22" standard rear wheels.



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MICRO

The Panthera Micro is a wheelchair for very young children. We all know that being able to get around on your own is very important, not least for children. This is why the Panthera Micro is built to be extremely easy to drive in every possible respect.

The frame is constructed from chrome molybdenum and titanium, and the castor wheels from a marathon racing chair are used here as rear wheels. The chair has a single castor wheel, like many tennis chairs, for easier rotation.

The Panthera Micro is designed for children between one and five years old (the youngest user we've met was 8 months) and is intended for indoor use.

Micro weight

Seat width	Total weight	Transport weight
24 cm	3 518 g	2 342 g
27 cm	3 564 g	2 388 g

Micro long weight

Seat width	Total weight	Transport weight
24 cm	3 782 g	2 474 g
27 cm	3 828 g	2 520 g



Micro dimensions

Seat width:	24 and 27 cm
Backrest height:	20 cm
Micro seat height:*	30.5 cm
Micro seat depth:	15–20 cm
Seat angle:	0 degrees
Total length:	62 cm
Micro total height:	51.5 cm
Total width:	seat width + 22 cm
Max. user weight:	30 kg

Micro long dimensions

Seat width:	24 and 27 cm
Backrest height:	20 cm
Micro long seat height:*	34 cm
Micro long seat depth:	20–25 cm
Seat angle:	0 degrees
Total length:	72.5 cm
Micro long total height:	54 cm
Total width:	seat width + 22 cm
Max. user weight:	30 kg

Standard design

- Chassis of chrome molybdenum
- Footplate
- 18" or 20" rear wheels
- No pushrims
- Balancing, continuously adjustable
- Rear axle of aluminium
- 3" castor wheel, hard tread
- Fixed backrest
- Back upholstery, adjustable
- Seat upholstery, adjustable
- Anti-tip device
- Tool kit
- Instructions for use

* The weights and seat heights are based on the standard design with 18" rear wheels for the Micro and 20" rear wheels for the Micro long.



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ACCESSORIES

There are plenty of alternatives and accessories for Panthera chairs. A small selection is presented here. The rest you can find at: www.panthera.se.

Brakes



Forward positioned brake



Single-hand brake



Wheels

Standard 20" 22" 24"



Spider 24"



Spinergy Spox 24" 25" 26"



Spinergy Spox Sport 24" 26"



Spinergy Spox light 24"



Sideguards



Light

Plastic



With screen



Armrest



Footrest



U2/S2 footbar

Bambino footplate



Plastic plate



Foldable



Anti-tip device

Standard

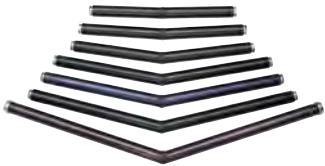


For Micro



Camber axles

2, 4, 8, 10, 12, 14 degree camber axles



Länkhjul



Mountainbike 24"



Micro 18" 20"



Push handles

Height adjustable
Fixed
Foldable



Armhook



Pushbar
Headrest
Bambino



Seat bag



Cushions

Cushions are available in a wide range of widths and standard thicknesses.



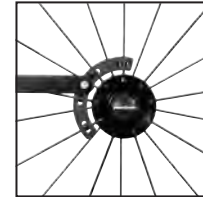
Tool kit



Tetra Quick Release

Spox

Standard



Spoke guards



Pushrims

Titanium/PRC/
Polymer compact/
Foam coated/Maxgrip
thin and
thick.



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