

NEW

up to 80 kg / 176.4 lbs

130 – 180 cm / 51.1 – 70.9"

Hercules Prime

Modular rehab car seat that grows with the user for a long time

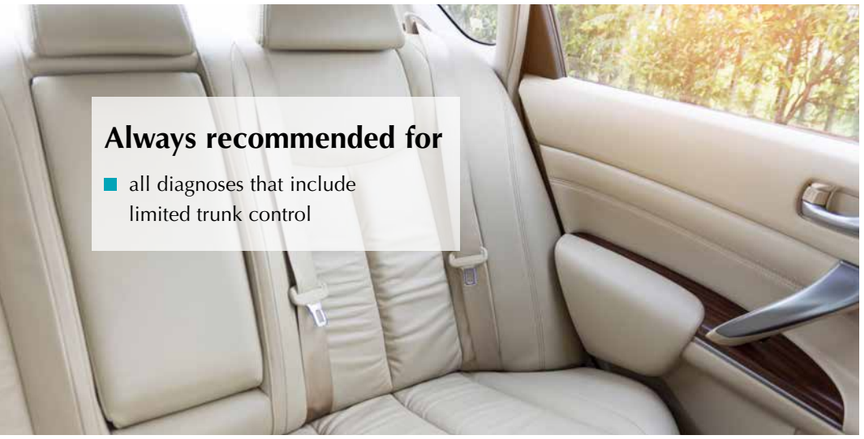
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Hercules Prime

PATENT - PENDING
PATENT-PENDING
PATENT - PENDING

"A strong solution is needed for children, young people and adults with physical and neurological disabilities – so that they are always safe in the car.

Hercules Prime has its great performance when rehab car seats have become too small or more support is needed when sitting in the car. As a modular positioning seat that grows with the user, it offers the familiar functions of a rehab car seat and can be very individually adapted with a large selection of accessories that grow with the user. When more support for the head and upper body is needed, a simple belt system in the car is not enough.
For a good, safe sitting position on every journey."



Always recommended for

- all diagnoses that include limited trunk control

With completely new FUNCTIONS



Fig. incl. accessories

for body height
130 – 180 cm
51.1 – 70.9"



BACKREST HEIGHT
With the infinitely variable height adjustment of the backrest by 13 cm / 5.1", it is possible to adapt to the user's growth at any time. The head is supported in an optimal position.

The large selection of accessories that grow with the user allows for a long service life.



Thomashilfen has been providing children with special needs with rehab car seats for over 30 years. Today we also use our know-how to develop our own rehab car seats for children and adults. They incorporate all our many years of experience around the needs of users and their relatives.

Gunnar Thomas, owner

Pioneer
REHAB CAR SEATS
since
1988



SHOULDER WIDTH
Slim and broad users with a shoulder width of 42 to 51 cm / 16.5 to 20.1" sit well supported at all times.
The shoulder guides (accessory) grow with the user and are infinitely variable and individually adjustable for each side - even asynchronously.

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BELT GUIDE
for the 3-point safety belt of the vehicle can be used either on the right or left, the positioning seat can be fastened quickly and easily.

LATERAL TRUNK SUPPORTS
support the upper body as an individually adjustable accessory. Further accessories that grow with the user are available to support and position the upper body.

UPHOLSTERY
Thick upholstery for comfortable sitting without annoying sweating, the breathable cover can be completely removed and washed at 40° C.



5-POINT HARNESS
Soft shoulder pads provide additional support and a good sitting position during the ride – the correct strap length is quickly adjusted on the two buckles.





SHOULDER WIDTH
can be individually adjusted with the shoulder guides (accessory) – also asynchronously if required.



BELT BUCKLE
Shoulder straps can be seperately clicked into the quick-release fastener, which means easier buckling for the carers.



BACK HEIGHT
can be adjusted infinitely, so the seat adapts to the user and allows a long supply time.

CROTCH PAD
reduces the pressure of the belt buckle on the sensitive abdominal area and conceals the belt buckle.

BACK ANGLE
can be adjusted to the backrest with two quick steps – no tools required, just use the red quick release lever.





SEAT DEPTH
infinitely adjustable by 6 cm / 2.4", individual adaptation to the growth of the user.

SEAT CUSHION
offers a wide seat surface (38 cm / 15") for large users and makes it easier to get in and out of the seat. Transfer for parents and care givers is also made easier and is easy on the back.

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ACCESSORIES – individual, comfortable & grow with user

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All details online:
www.thomashilfen.com//hercules-prime

Functional bases



SWIVEL FUNCTION
facilitates the transfer, the positioning seat can be turned to the left or right

In order to be able to cope with the transfer of the increasingly heavy users with special needs, the swivel function is a real relief for the back of the care givers. The rotation can be changed from left to right.
The pull-catch is deliberately mounted at the rear to prevent unintentional release while driving.



TILTING FUNCTION
allows seat tilting in several steps for a relaxed resting position while driving

In cases of weak upper body and head control (hypotonic, "floppy"), the adjustable seat tilt-in-space is an important support to prevent "tipping forward". The user sits in a relaxed resting position and does not have to do any strenuous holding work. The appropriate angle can be adjusted as required.

Stability for the rehab car seat



SEATFIX (behind the seat)
keeps the seat securely in place during the journey, even without a user



STABILIZING BOW
ensures that the seat is held securely in place when no Isofix is available



STAND guarantees stable hold of the seat in the foot area

Especially when using the swivel and tilting function, the positioning seat is exposed to additional strain in daily use.

Helpful accessories should be used to stabilise the positioning seat in the car – for better handling and more safety for users and carers.

Secure support for head & feet



HEAD REST
for good positioning of the head and secure, reliable hold



SECOND BELT GUIDE (top) as a convenient option for using the 3-point safety belt either on the right or left side



FOOTREST (foldable)
helps getting in and out of the seat and prevents slipping out of the seat
(height and angle adjustable)



CRASH TEST
for proof of strength successfully passed in accordance to ECE R 44/04

Good seating position



LATERAL TRUNK SUPPORTS (firm) provide firm lateral support and support the thorax



LATERAL TRUNK SUPPORTS (swing-away) provide firm lateral support for the thorax and facilitate the transfer



UPPER BODY GUIDE (firm) provide firm lateral support over a large area and support the upper body



UPPER BODY GUIDE (swing-away) provide firm lateral support over a large area of the upper body and facilitate the transfer



SHOULDER GUIDE
for variable support of the shoulder area in width – also possible asynchronously



ABDUCTION BLOCK
improves leg guidance and prevents the legs from crossing over



LEG GUIDES (left and right) support a stable sitting position and also provide the necessary support for the thighs

User & vehicle safely protected



CHEST CLIP
stops dangerous twisting of the straps and ensures that the straps stay in place



CUSHION FOR FUNCTION BASE ensures maximum contact surface between vehicle seat and function base for easier transfer



CAR SEAT PROTECTION MAT with back protects the vehicle seat and offers 3 practical pockets for small items in the front

A complete overview of accessories can be found on the order form on our website:
www.thomashilfen.com

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LARGE BECOMES SMALL & HANDY



The large positioning seat can be quickly folded to a small, handy size in a few simple steps.

This not only facilitates installation in the vehicle. – The positioning seat can also be easily transported in small cars and can be stowed away to save space.



ONLY 52 x 21 x 73 cm / 20.5 x 8.3 x 28.7"

IN EVERYDAY USE



Adjust the positioning seat when placed in the vehicle.

In maximum back height there should be a distance of at least 5 cm / 2" between the top of head and the roof of the vehicle to ensure that tall users can still sit comfortably.

YouTube

Watch the video:
How Hercules Prime is installed quickly and easily in your car

Dimensions & weights	Hercules Prime
Seat depth	40 - 46 cm / 15.7 - 18.1"
Seat width	38 cm / 15"
Back height (seat inside)	67 - 80 cm / 26.4 - 31.5"
Back width (seat)	45 cm / 17.7"
Shoulder height (belt guide)	42 - 64 cm / 16.5 - 25.2"
Shoulder width (with shoulder guide)	42 - 51 cm / 16.5 - 20.1"
Back angle (max.)	120°
Seat tilt-in-space (basic model)	0°
(with tilting base 10°)	0° / 2,5° / 5° / 7,5° / 10°
(with tilting base 20°)	10° / 12,5° / 15° / 17,5° / 20°
Lower leg length (with foot rest)	17 - 43 cm / 6.7 - 16.9"
Height of lateral trunk supports (upper edge)	26 - 36 cm / 10.2 - 14.2"
Distance lateral trunk supports (max.)	35 cm / 13.8"
Max. overall dimensions (w x h x d)	52 x 88 x 43 cm / 20.5 x 34.6 x 16.9"
Min. folded dimensions (w x h x d)	52 x 21 x 73 cm / 20.5 x 8.3 x 28.7"
Weight of seat (basic model)	12.3 kg / 27.1 lbs
Body height user	130 - 180 cm / 51.1 - 70.9"
max. user weight	80 kg / 176,4 lbs

Standard features:
Back with integrated height adjustment; seat with integrated seat depth adjustment; continuous back angle adjustment with quick release lever; breathable upholstery with flame-retardant cover fabric: head cushion, back cushion, pelvic cushion, seat cushion, crotch pad; 5-point belt including shoulder pads; belt guide for 3-point vehicle belt (can be used on the right or left); prepared mounting options for all accessories; removable covers, machine washable up to 40° C

GMFCS Level III-V

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