

Carrot 3

Car seat for children

The car seat Carrot 3 is a most comfortable seat for children and young people starting at an age of approximately two years.

The special benefits of this seat are:

Seat shell

The seat shell offers lots of advantages in an attractive form. The Carrot 3 provides lateral support for children with reduced muscle control in the head, chest, hip and upper leg area. The 5-point-belt with its broad chest cushion gives additional positioning help. Trunk supports and an abduction block may give additional support. The small grey support cushions can be used anywhere in this seat because they may be fixed by using Velcro to every part of the seat cover.

Flexible growth with the child

Small children may rest their lower legs and feet on the attached cushion. As required, a footrest, which is height adjustable, can be added for additional support. During the child's growth, the seat depth and the height of the back rest can be increased up to a user height of 160 cm. Afterwards one can upgrade with the Carrot 3 XL-Kit, which allows a user height of 176 cm (see page 4). There is no comparable seat that can offer this spectrum of flexibility with the growth of the child.

Lightweight

The Carrot 3 weighs only 8 kg, which is an advantage when seats are often moved from one car to the other or into a rolling base.



Carrot 3 size S

Carrot 3 size L

Carrot 3 size XL (see page 4)

Data of Carrot 3 (for Carrot 3 XL see page 4):

Seat depth:	250 - 410 mm
Height of back:	520 - 770 mm
Height of foot rest:	250 - 460 mm
Weight of car seat:	approx. 8 kg
Weight of person:	approx. 10 - 50 kg

The Carrot 3 has been tested according the ECE R44/04 and has the approval for class II and III (15-36 kg). This will not suit children with a weight of more than 36 kg. However the Carrot 3 has been produced for disabled people up to 50 kg and it has also been successfully tested with a 49 kg dummy. It has been also tested with a 10 kg dummy, too, which will allow use for children who weigh less than 15 kg. In Germany and other European countries it allows the use of the the Carrot with body weights from 10 to 15 kg and 36 to 50 kg, if a doctor's certificate attests that a disabled person may use the Carrot outside the 15 to 36 kg range.

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Modular growth



Set S

+



Shoulder protection
wing set (150 mm)

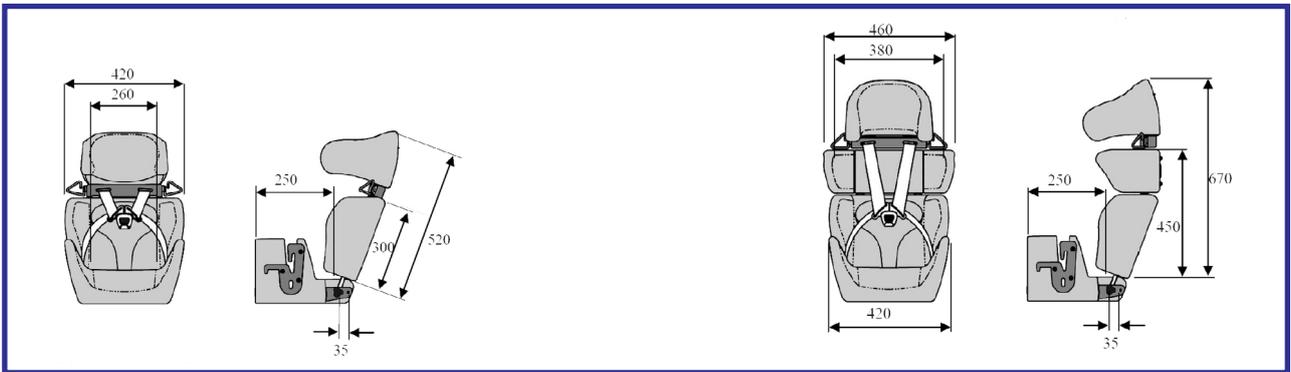
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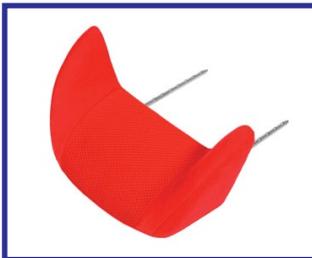
Set L

(here with 50 mm rodded seat extension S)

Measurements in mm



Growing modules:



Rodded seat extension L



Rodded seat extension S
50 mm



Seat extension
50 + 100 mm



Back rest extension
50 + 100 mm

More options



Supporting table



Seat angle adjuster mat



with pommel and trunk support



with Multiroller



Anti-escape buckle



Foot rest S, M, L

When the child grows – the Carrot grows, too Examples for configurations:

Set S

(without shoulder protection wing set)



with rod seat extension L
real seat depth: 450 mm



Basic set with grey cushions
real seat depth 250 mm



with rod seat extension S and
50 mm backrest extension
real seat depth: 305 mm



with rod seat extension S, 50 mm
seat extension and 100 mm backrest
extension
real seat depth: 360 mm

Basic set

- Seat and 100 mm height adjustable back
- Additional pads for seat and back
- Two additional trunk pads
- All pads may fix on the cover with Velcro
- Five-point-belt with quick release fastener
- Padded chest shield
- Integrated arm rests
- Belt guide (left and right)
- Covers are changeable and washable
- Depth of head rest adjustable
- Seat depth adjustable 35 mm

Colors

- blue
- black
- red

Accessories

- Rod seat extension L
- Rod seat extension S, 50 mm
- Seat extension 50 mm
- Seat extension 100 mm
- Seat angle adjuster mat
- Foot rest, three sizes (S, M, L) height-adjustable, Velcro adjustment for lower legs and feet
- Supporting table
- Air cushion made from spacer fabric to reduce transpiration
- Hip belt
- Abduction block
- Trunk support pads
- ISO-Base (Isofix-connection)
- ISO-Turn, (turntable with Isofix-connection)
- Backrest extension 50 mm
- Backrest extension 100 mm
- Stronger buckle from 40 Nm (standard) to 80 Nm)
- Anti-escape buckle

Type approval

According ECE-044 04 by the Kraftfahrtbundesamt, No. 04301283, 15-36 kg. Successfully tested with a 10 and a 49 kg-dummy, too.

Set L

(with shoulder protection wing set)



35 mm adjustment of the seat
depth without grey cushion
real seat depth: 300 mm



with rod seat extension S
real seat depth: 355 mm



with rod seat extension S
and 50 mm backrest extension
real seat depth: 355 mm



with rod seat extension S, 50 mm
seat extension and 100 mm backrest
extension
real seat depth: 410 mm

Carrot 3 XL

Up to 176 cm and 40 to 75 kg

Children grow and gain weight. That's how it should be. With the Carrot 3 XL a further step has been made to give growing children a grow-along car seat. It can be used up to approximately 176 cm body height and has been successfully tested with a 75 kg dummy.

Those who have already a Carrot 3 will just need a XL-Kit. It consists of:



- A flat, wider seat,
- Two long connecting pipes to connect the seat and the existing back,
- A H-belt for positioning the user,
- A belt to fix the Carrot 3 XL to the back of the car's seat

Those who do not have a Carrot 3, the XL-Set can be used, as shown in the picture (a). It consists of:

- An XL kit as described above,
- A Carrot 3 back with
- A size L-headrest which reduces in a side impact energy,
- A shoulder module, which also gives lateral support and protection,
- A 50 mm back extension cushion. (Additional pads may be used to close up to 20 cm.)



Carrot 3 XL (a)

Accessories:

- Therapy table
- Back extension cushions 50 or 100 mm
- Triangular mat
- Two-point lap belt
- Air cushion of spacer fabric, reduces perspiration
- Incontinence covers
- Trunk supports, fixed, height and width adjustable
- Trunk supports from foam, Velcro connected
- Seat belt buckle for users who open the buckle thoughtlessly while driving (see bottom of page 2)
- Isofix connection

