FOR ALL TOMORROW’S PEOPLE

A PERFECT FAMILY — THE NEW Z-LINE CAR SEATS
CLOUD Z i-SIZE  SIRONA Z i-SIZE  SOLUTION Z i-FIX

COLLECTION 2020
We can be carefree when we know that our loved ones are safe, that our children are doing well and that they are protected and secure. CYBEX car seats are the best choice to safeguard your child in the car. They surround your child like a soft, cozy cocoon while providing maximum robustness and safety. Crash-tested and awarded numerous prizes, CYBEX car seats stand out with their effortless handling and revolutionary design. The CYBEX Z-Line is developed for excellent safety, built for minimum effort and designed for perfect comfort. They are our heroes for modern and carefree family mobility.
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More than 350 AWARDS

CYBEX products undergo hundreds of crash tests every year, so they can be continuously improved. Our car seats are regularly tested and evaluated by independent testing institutes. We are proud that our car seats repeatedly score excellent marks in leading European safety and consumer tests, for example in the ADAC Car Seat Test and the Stiftung Warentest.

AWARDS 2019
At the heart of all CYBEX products is our D.S.F. Innovation Principle. This stands for a product line that combines clear, unique Design with unsurpassed Safety and intelligent Functionality. We have compiled some of our most important security principles here:

### ALWAYS USE A CAR SEAT

Unsecured children are 7 times more likely to be seriously injured or killed in a car crash than those wearing a safety restraint. 83% of secured children avoid physical injury in car accidents (source: German Traffic Control, Fact Sheet #4 May 2009). We advise always using a car seat in accordance with the law. Every car seat, regardless of type, provides a much higher level of safety compared to not using a car seat.

### RIDE REAR-FACING FOR AS LONG AS POSSIBLE

Children should ride in rear-facing car seats for as long as possible—ideally until they are about 4 years old (18 kg). In a frontal crash, enormous forces are distributed over a large area of the back of the car seat shell. This significantly reduces stress on the neck, head and chest. Driving Direction Control (D.D.C.) is integrated to guarantee maximum safety. This prevents the car seat from being used in the forward-facing position before your child has reached 15 months of age and has grown a minimum height of 76 cm.

### CAR SEATS – FOR BIG KIDS, TOO

CYBEX advises against the use of simple booster seats for larger children. This is because without a backrest, the head and torso are not protected in a side-impact collision. All CYBEX car seats provide side-impact protection. In an accident, the very first impact forces are transferred by the side protector, which is activated on the door side, thereby reducing the impact forces by approximately one third. The flexible material structure of the car seat’s shell additionally absorbs the impact forces, directing them away from your child.

### UN R 129 (i-SIZE) VS. UN R 44

R129 child restraints require children to be rear-facing up to at least 15 months of age. This is done, in part, by setting a minimum height for forward-facing child restraints of 76 cm. In contrast, R44 allows forward-facing child restraints from 9 kg (approximately 9 months). R129 uses the child’s height to determine if the seat is appropriate for them. This makes it easier for a parent to find the correct size of the car seat for their child. However, this differs from R44, which uses weight only.
Outstanding safety and quality, contemporary design and intelligent functionality:

The CYBEX Platinum car seats.
Design, safety and functionality are at the heart of innovation at CYBEX. The Base Z is the secure and variable base unit for the new CYBEX Z-Line Modular System, which offers maximum protection as well as comfortable, flexible use. The innovative rotation mechanism of the Base Z allows the car seat to be swivelled to the side of the car door for easier entry and exit. The Base Z is a particularly long-lasting solution. It accommodates two different car seats and so can be used by children up to 4 years of age. In addition the CYBEX Platinum Modular System is quick and easy to install.
The Cloud Z i-Size can be changed to a lie-flat position outside the car. Its longer legrest and lie-flat reclining angle were developed by German CYBEX safety experts in consultation with doctors and midwives. This feature allows your child to lie comfortably in an ergonomically correct position. The seat was specially engineered to meet the needs of newborns. In combination with CYBEX strollers, the Cloud Z i-Size transforms into a practical travel system for the first months, so your sleeping baby can rest with optimal protection. In addition, the integrated extra-large sun canopy fulfils the rigorous Australian UPF50+ sun protection standard. It also protects your baby against stress and sensory overload.
15% LIGHTER THAN ITS PREDECESSOR CLOUD Q
The innovative rotation mechanism of the Base Z makes it simple to swivel the Cloud Z i-Size towards the car door, making it easier to get your child in and out of the car.
INTEGRATED L.S.P. SYSTEM

For the Cloud Z i-Size, our tried-and-tested Linear Side-impact Protection (L.S.P.) System has been improved even further. The very first impact forces of an accident are reduced by the extended side protector that faces the door. Meanwhile, the car seat’s flexible shell reduces up to 25% of the impact forces, channelling them away from your child.
The Cloud Z i-Size is the logical successor to the award-winning Cloud Q concept, and was Best in Class* in the May 2019 ADAC Car Seat Test, scoring excellent results. Now 15% lighter than before, the car seat is equipped with an optimized Linear Side-impact Protection (L.S.P.) System, which—in combination with the energy-absorbing car seat shell—significantly increases your child’s safety in a side-impact collision. To make it easier to get your child in and out of the car, the seat can be swivelled to the door side of the car, thanks to the innovative Base Z rotation mechanism.

*Car seats for 0 – 1.5 years of age, used without base
The innovative 360° rotating mechanism makes it easier to get your child in and out of the car, ensuring less strain on your back. It can be easily adjusted from rear- to forward-facing without having to remove and reinstall the seat. The Driving Direction Control (D.D.C.) provides added safety by preventing forward-facing use before your child has reached the minimum age and height requirements (at least 16 months old and 76 cm tall).
AND EXIT POSITION ALTERNATIVELY FORWARD-FACING FROM MIN. 16 MONTHS AND 76 CM

Also available as a purely rear-facing seat Sirona Z i-Size R

360°

ADAC Test 03/2019
CUT

Cybex
Sirona Z i-Size + Base Z
65-105 cm

good (2.1)

Test

Cybex
Sirona Z i-Size + Base Z

Children safety seat test: www.test-tax.ch 03/2019

highly recommended
WHY REAR-FACING?

For maximum safety, we recommend using the Sirona Z i-Size in a rear-facing position for as long as possible—from 45 to 105 cm, max. 18 kg (from birth up to approx. 4 years).

Physicians, accident researchers, and consumer and health organizations recommend transporting babies and toddlers in rear-facing car seats. In most countries, car accidents are still the main cause of death for children older than 1 year of age. However, if children are transported rear-facing beyond Group 0+, the risk of injury is mostly stable in Group 1. This can be seen in statistics from countries with predominantly rear-facing transport in Group 1, such as Sweden.

It is important to consider the anatomy of babies and toddlers in the event of an accident. Unlike adults, a child's head is quite large and heavy in proportion to their body, and accounts for about 25% of their total body weight. However, the neck muscles and the spine of a child are not yet fully developed. That is why they need particular support and protection in an accident. CYBEX developed the Sirona Z i-Size to provide infants and toddlers with maximum safety in the car. In an accident, the Sirona Z i-Size acts like a protective shield, especially protecting the neck and spinal area. The impact forces are distributed over the large area of the shell. This significantly reduces strain on your child's neck, shoulders and head as well as their internal organs. Therefore, the Sirona Z i-Size greatly reduces the risk of physical injury in a frontal collision.
Evidence has shown that the lateral space of a vehicle is limited and does not guarantee protection within the crumple zone. This means that the car seat must provide the most protection in a side-impact collision. That’s why the CYBEX Sirona Z i-Size features the L.S.P. System, an adjustable side-impact protection system that increases safety in both rear- and forward-facing positions. The door-facing L.S.P. System folds out to reduce the force created by a side impact by 25%, passing it through the energy-absorbing shell and away from your child.
MAXIMUM COMFORT IN THE CAR

SMOOTH ADJUSTMENT
ONE-HAND RECLINE ADJUSTMENT
For a restful slumber in the car, the Sirona Z i-Size offers 5 rear-facing upright and recline positions and 3 forward-facing upright and recline positions. Its 12-step height-adjustable headrest provides even more comfort. The one-hand upright and recline adjustment mechanism is quick and easy to use.
Parents who want maximum safety for their child need products that meet their expectations in every way. With the CYBEX Sirona Z i-Size we have set new standards for side- and front-impact protection, producing a car seat that we’re confident outshines all that came before it—affirmed by the May 2019 ADAC Car Seat Test in which the car seat was awarded with good results.

Rotatable for a full 360°, the car seat offers simple door-side boarding of your child and is easy to switch between rear-facing and forward-facing positions. Offering superior comfort, the seat’s 12-step adjustable headrest and 5 reclining positions make it extra ergonomic.
Also available homologated within UN R44/04
Solution Z-Fix
PATENTED RECLINING HEADREST

The patented, 3-position reclining headrest is an essential feature of the Solution Z i-Fix safety concept. The headrest can be tilted to shift the head’s centre of gravity so that it does not fall forward while your child sleeps. In a side-impact collision, the head and side-impact protectors keep your child’s sensitive head and neck area safe in the seat’s safety zone.
Most children reach 55% of their total height by the age of 3, and by the age of 12 have completed 89% of their growth. This means they grow an average of 60 cm during the period in which a car seat should be used. To provide the best possible protection and comfort for the entire duration of use, the new CYBEX Solution Z i-Fix features integrated height and width adjustment—a new safety function for flexible and optimal alignment of the seat to your child’s size.
STAY COOL

OPTIMAL BREATHABILITY FOR A COMFORTABLE JOURNEY

AIR VENTILATION SYSTEM

The integrated air ventilation system of the Solution Z i-Fix provides a comfortable seat temperature, even on hot days.
THE BIG BROTHER

Designed to grow with your child, the Solution Z i-Fix is now certified to the latest UN R129/03 safety standard—including enhanced testing procedures for side collisions.

Equipped with 12 height settings and automatic width adjustment, the head and shoulder protectors can be easily adjusted with one hand to meet each child’s individual space requirements. The patented reclining headrest keeps your child’s head in the safety zone of the car seat, and the seat’s air ventilation system keeps the seat at a cool temperature for your child’s comfort on hot days.
The pictures of products and the measurements in this catalogue are for indication purposes only. Products may vary and we reserve the right to make product changes.