Volvo unveils revolutionary inflatable child seat

Children's car seats are historically bulky, hard to move and tedious to mount.

This is why Volvo Cars has designed a lightweight and inflatable rearward-faced child seat concept using ground-breaking technology.

The seat is safe, easy to pack and carry and will enable parents to use it in many situations not practical with the seats on the market today.

The concept presents new opportunities, for example grandparents and friends who take care of your kids and need an ultra mobile child seat.

It is also very convenient when travelling by taxi, rental car or bus, situations where you historically had to rely on the safety measures available.

The seat has an innovative pump system that is silent and efficient in its construction.

The seat inflates in less than 40 seconds and deflates with an integrated pump. The total weight of the seat less than 5 kg, half the weight of a contemporary seat, and it is constantly online via Bluetooth enabling a wide range of features, including remote controlled inflation. It fits into a weekend bag together with other necessities for your child.

The Inflatable Child Seat Concept faces the rear of the car, as it is the safest way for children to travel.

A child's neck is under development and not as strong as an adult's neck. In a frontal impact collision, the head of a forward-facing car occupant is thrown forward inducing great stain on the neck.

Children therefore need special restraints and to face the rear of the vehicle until at least 3-4 years of age.

- Hi-tech drop stitch material
- Light weight and easy to carry
- Rear-facing position
- Dimensions 45 x 50 x 20 cm
- Inflated/deflated in 40 seconds
- Wireless

Volvo has developed an inflatable child seat that deploys in under 40 seconds.