

PRESS RELEASE

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Actively involved and right in the middle

The new PARAVAN PR 35 S stand-up wheelchair developed especially for children and small adults

- » Agile, compact, colourful and versatile, developed for the needs of the smallest customers
- » The seat concept grows with the child, making the wheelchair the perfect companion up to teenage years.
- » Stefan Ludwig, Head of PARAVAN Wheelchair Systems: "The fact that you can put a smile on children's faces, that's the greatest reward."

Finally standing up by themselves, being able to reach for a glass, looking over the railing in the zoo without any problems or simply darting around the square with their playmates without having to be pushed or lifted up. The new PARAVAN PR 35 S fulfils these children's dreams. It is small, compact, colourful and versatile. The 30 percent smaller chassis makes the wheelchair extremely agile. With the front-wheel drive, in combination with the large tyres, the little passengers can also negotiate kerbs without any problems. Standing, lying, tilting - all functions are possible, just like with the adult models. In addition, the new power wheelchair has a seat concept that grows with the child and can therefore be used from pre-school age to teenage years.



"There has been a significant increase in enquiries in the area of child care," reports Stefan Ludwig, Head of Wheelchair Systems at PARAVAN GmbH. "This motivated us to develop a wheelchair specially adapted to the needs of children." Agility and suitability for everyday use, even for the smallest users, were particularly important to the Swabian inventors. The standing wheelchair is suitable for children from a height of approx. 1.10 metres. "This means it can already be used at pre-school age," says Ludwig. During development, attention was also paid to the use of particularly quiet motors, "so that no disturbing noises occur, for example during school lessons." In addition, the PR 35 S is very narrow, so that it can be used even in small classrooms and the wheelchair also fits behind the school desk.

The PARAVAN PR 35 S has a flexible seat shell concept: "It grows in all directions," says the wheelchair expert. This means that the seat and back width or seat and back length as well as the leg length can be individually adjusted. The compact stand-up wheelchair is equipped with a biometric sliding back, similar to its big brother, the PARAVAN PR 40, as well as with an individually adjustable headrest with side support and knee pads for optimal support in the standing function. The standing wheelchair has a memory function that is stored via the RNet control. For example, the standing curve can be stored

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directly. "At the push of a button, the child then automatically moves into the familiar and optimal standing position," says Ludwig. The colour selection also leaves no child's wishes unfulfilled: from fairy-purple to dinosaur-green, everything is possible. And when Princess Lillifee is out of fashion, the colour can also be changed, depending on what is in fashion at the time - how about strawberry red or Smurf blue?

Already during the development, there were repeated tests in various institutions that were carried out with children. "This feedback gave us important development impulses," says Ludwig. The reduction of the chassis by 30 percent, and thus the significantly smaller installation space, was a real challenge for the tinkerers from the Swabian Alb.

The first customer has already been able to try out the new PR 35 S in the Aichelau mobility park. "Finally standing again," says the 9-year-old, who suffers from a neuromuscular disease and has not been able to stand independently for six years, happily. With the new wheelchair model, he will be able to move around his boarding school much more independently and flexibly in the future, the parents, for whom the standing function was particularly important, are certain. For Stefan Ludwig, this is confirmation that the PARAVAN wheelchair team is on the right track. "Children's product development is something very individual and special. And the fact that you can put a smile on children's faces with it is the greatest reward."

"Only PARAVAN has such an agile e-wheelchair, especially for children, and with a standing function," says Matthias Enneper, wheelchair sales representative and rehab child consultant. "With this, we can cover many children's fittings that no one else can realise." With the large wheels, he says, it is easy to drive safely over the kerb. "With the front-wheel drive, routine and a bit of courage, we manage seven centimetres," says Enneper. There is a lot of interest in the market, he says, whether at medical supply stores or paediatric centres. "The important thing is that the child says this is my wheelchair," says Matthias Enneper. With a normal wheelchair, a child can hardly keep up with peers. "Participation also means taking part at eye level," says the rehab child expert. "The child can also sit at home, but the child doesn't get anything out of that." And in his opinion, every child should be able to say: "Mummy, I can do it myself!"



Standing, sitting, lying or tilted, with the PR 35 S actually every position is possible, according to the needs of the child.

Photo: PARAVAN

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Whether at home or in the school playground, even the smallest children are quick and agile with the PR 35S. Photo: PARAVAN



*Size comparison, the PR 35S with its big brother, the PR 40 electric stand-up wheelchair
Photo: PARAVAN*

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About Paravan GmbH:

Paravan GmbH is the world market leader for highly individual vehicle solutions for the disabled. Around 180 employees develop and produce individually adapted automobile conversions, electric wheelchairs. Paravan pursues a holistic approach with its "one-stop-shop concept". The technological highlight is Space Drive, an intelligent digital control system based on the drive-by-wire principle. Thanks to the active redundancy of the servo motors, it is completely fail-safe and the first in the world to be approved for road use. With the help of this innovation, severely disabled people, some without arms or legs, can drive independently and safely. It is not possible for these drivers to simply intervene in the steering wheel. Worldwide, Space Drive has proven itself on more than one billion road kilometres in the last 18 years and is used by numerous industrial customers for test vehicles in the field of autonomous driving. The system is available as a retrofit kit with an open interface for all known vehicle types. www.paravan.de