



JCM SPECIALIST SEATING SOLUTIONS RELIES ON REGNER® TECHNOLOGY

Not everyone has seen *The Diving Bell and the Butterfly*, but those who have were not left indifferent. This cinematographic masterpiece, directed by the award-winning filmmaker Julian Schnabel, depicts the real-life figure of Jean-Dominique Bauby, former ELLE magazine director, who at the age of 43 suffered from a severe stroke, leaving him mute and completely paralyzed with the exception of his left eye. Incredibly, this led to the development of a system which allowed for communication with just the use of his eye, selecting letters on a special keyboard to make communication with others possible. Such innovation, made to completely overcome the limitations that illness and disabilities seem to impose on a person, is admirable and inspirational.

Many like Jean-Dominique go through a brain attack, while others suffer from brain damage at birth. Cerebral palsy is considered a neurological disorder caused by a non-progressive brain injury or malformation that occurs while the child's brain is under development. Cerebral palsy primarily affects body movement and muscle coordination



WORKING TOGETHER TO PAST LIMITS

An individual with cerebral palsy will likely show signs of physical impairment. However, the type of movement dysfunction, the location, and number of limbs involved, as well as the extent of impairment, will vary from one individual to another. It can affect arms, legs, and even the face; it can affect one limb, several, or all.

Cerebral Palsy affects muscles and a person's ability to control them. Muscles can contract too much, too little, or all at the same time. Limbs can be stiff and forced into painful, awkward positions. Fluctuating muscle contractions can make limbs tremble, shake or writhe.

Balance, posture, and coordination can also be affected by Cerebral Palsy. Tasks such as walking, sitting, or tying shoes may be difficult for some, while others might have difficulty grasping objects. The situation of the children affected by this illness has improved considerably thanks to the new treatments and attention received. JMC SPECIALIST SEATING SOLUTIONS is among those providing personalized assistance.

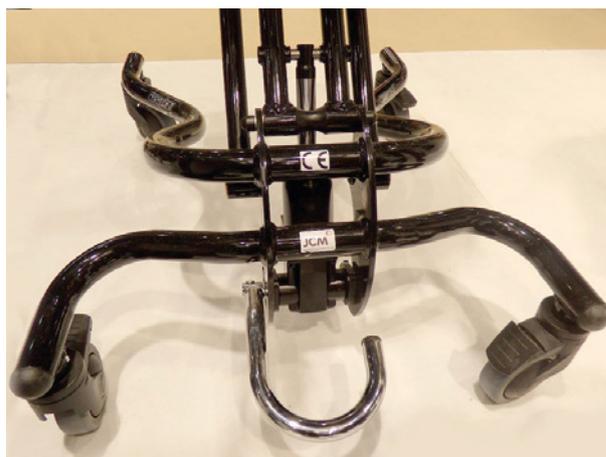
JCM, THE EXPERIENCE IN PEDIATRIC SEATING

Located in Cambridgeshire, 90 miles North of London, JMC SEATING SOLUTIONS are experts in pediatric supportive seating. They provide children's postural seating systems which enhance the daily lives of individuals with varying degrees of disability.

They are committed to taking care of their customers by providing a thorough range of services to meet their needs. Furthermore, they work closely with therapists, teachers and parents to fully understand the needs of the end users and the challenges they face. Through these partnerships, they develop their products and services.



Since 2014 REGNER® is supporting JCM with its motion control systems compliant with therapeutic equipment standards.



Detail of the base of a JCM seating system.

REGNER® SYSTEMS COMPLIANT WITH THERAPEUTIC EQUIPMENT STANDARDS

Since 2014 REGNER® contributes to the development of the JCM products with technical parts and systems, given paramount importance to meet the requirements of safety and reliability.

REGNER® possesses the accreditation ISO 13485, which ensures safe, reliable products that strictly adheres to international medical standards.

In the healthcare sector, it is essential that the product development process meets stringent regulatory requirements to ensure product safety and efficacy. ISO 13485 defines these requirements in Europe and REGNER® designed its quality management system to be compliant with this standard as well as 21CFR820, the FDA'S quality system regulation in the US. Both these standards guarantee that the company can deliver regulatory motion control compliant solutions for medical devices to healthcare companies in Europe and the US.

REGNER® engages a highly integrated approach. By leveraging expertise in design, electronics, industrialization, testing and production, REGNER® delivers comprehensive, value-added solutions.

REGNER®'s ability to coordinate such diverse disciplines makes this global provider unique to the industry. That is why their clients partner with them.