

## The Cray X makes the tough job of tire changing easier and safer

### The Challenge

Each spring and autumn, millions of motorists are faced with the task of changing the tires on their vehicles from winter to summer tires, or vice versa. In most cases, this task is performed by workers in a garage or workshop. On busy days, these workers might change up to 25 sets of tires or more. With a weight of around 25 kg to 50 kg per tire, this is a strenuous lifting activity that greatly increases the potential risk of musculoskeletal disorders, especially in the lower back, and injuries, resulting in lost productivity, increased absenteeism and fatigue. The World Health Organization cites musculoskeletal conditions as being the leading contributor to disability worldwide, with low back pain being the single leading cause of disability globally.

“We are hoping to see a decline in illness rates and anticipate our employees will be healthy and perform well in the long-term.”

Axel Juhre | Head of BMW Branch Network, Central Germany

### The Solution

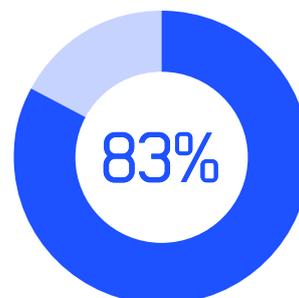
The intelligent Cray X power suit is being deployed to alleviate the physical strain on employees during the tire-changing season and thereby protect their health in the long term. It is worn like a backpack and can be individually fitted to almost any body size. It adapts effortlessly to the employee's movements and reinforces them without encroaching on their working environment.

“It works really well, has a great fit and feels pretty much like wearing a hiking backpack!”

Benedikt Schmalkalt | BMW Mechanic

### The Benefits

By utilizing the German Bionic Cray X, the BMW branch in Darmstadt actively supports the health and well-being of its employees.



Relief provided by the Cray X: 25 kg per lifting operation – this corresponds to 5,000 kg with 200 lifts per day at 30 kg each, or 83%.

Takes a (big) load off your colleagues. Provide them with more support now. Get in touch with our sales team: [sales@germanbionic.com](mailto:sales@germanbionic.com)