

MAINTENANCE TECHNICIAN



PLUM' IN DETAIL:

PERSONALISED SUPPORT:

One size with 3 adjustment points for easy, comfortable use by any team member.

QUICK INSTALLATION:

Ready to wear in under 45 seconds—ideal for urgent, time-sensitive tasks.

COMPACT DESIGN:

At just 1.6 kg, Plum' is the lightest in its category. Its slim, shoulder-width design suits work in confined spaces and fits under work jackets.

HYGIENE:

Removable, machine-washable textile parts make it easy for each technician to maintain their own clean textile set—perfect for shared use.

COMPATIBLE WITH MOON:

For tasks requiring shoulder and neck support, Plum' works seamlessly with the Moon headrest exoskeleton.

HELPING MAINTENANCE TECHNICIANS WORK SAFER.

Maintenance technicians in public transport keep vehicles running safely—but their work takes a physical toll. Frequent tasks like lifting or screwing with raised arms demand strength and precision often in tight, awkward spaces. Combined with early & late shifts or time pressure, this puts them at high risk of shoulder musculoskeletal disorders (MSDs).

To effectively support them, an exoskeleton must be more than just protective—it must be practical. That means a lightweight, compact design that preserves full freedom of movement and fits comfortably in confined areas. It also should be compatible with standard PPE, easy to adjust for different body types, and quick to put on.



PLUM' TAKES THE STRAIN OFF TECHNICIANS' SHOULDERS.

This passive device relieves shoulders of the weight of their arms (which can weigh between 1 and 8kg each!). It limits the negative impact of prolonged raised arms postures and repeated arm raising movements.

Ideal for the daily tasks of technicians:

- Installation and repair of cables at height
- Undercarriage operations on the lower part of trains: bogies, brakes
- Overhead maintenance operations