

IN THE AGRICULTURE SECTOR

DAIRY FARMER



PLUM' MEETS THE FARMERS' NEEDS:

PERSONALISED SUPPORT:

Single-size device with 3 adjustment points for a tailored fit for each user.

QUICK INSTALLATION:

Plum' is ready to use in less than 45 seconds, making it practical to use during busy milking routines.

COMPACT DESIGN:

The lightest and most compact exoskeleton in its category. Staying within shoulder width allows farmers to move freely and navigate in tight spaces. If needed, it can be worn discreetly under work clothes.

HYGIENE:

The textile parts are removable and machine-washable, a must have in this work environment.

RELIEVING SHOULDER STRAIN FOR DAIRY FARMERS.

Milking cows is physically demanding and requires highly repetitive movements, with farmers working for extended periods each day with their arms raised. This causes significant shoulder strain, leading to fatigue and potential musculoskeletal issues.

While solutions as milking robots exists, they are not always suitable for certain production methods.

Choosing the right exoskeleton for this profession requires careful consideration.

The exoskeleton must be lightweight and compact, allowing easy movement around milking machines without risk of getting entangled. Given the often dirty and wet working environment, the exoskeleton should be easy to clean to maintain hygiene.



PLUM' TAKES THE STRAIN OFF DAIRY FARMERS' 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 daily miling tasks that involve:

- Claw attachment
- Cleaning udders and teat dipping