



# Japet.

Manufacturer and expert in exoskeleton integration.



# Partner with Japet to overcome MSD challenges in the workplace.

As an **ISO 13485** certified company, Japet has carefully designed and selected **exoskeleton solutions** that meet the most rigorous standards of the industry.



**Reduce the risk of accidents and counteract workstoppages** by alleviating physical strain and enhancing quality of life at work.



**Enable employees with back pain to continue their activity** by safeguarding their health.

## Japet's approach

**Ensuring the right fit for your workplace is essential.**

Our exoskeleton integration methodology was designed to support you every step of the way to ensure an effective integration of our solutions:

- Validation of suitability,
- Exoskeleton testing on site,
- User training
- Follow-up

# A complete range of exoskeletons to combat MSDs.

Our exoskeletons for **back, shoulder and neck.**

## A motorized exoskeleton

### Japet.W+

The only motorized exoskeleton that preserves employees' backs in all their movements.



## Two passive exoskeletons

### Plum'

The exoskeleton that supports employees during overhead work.



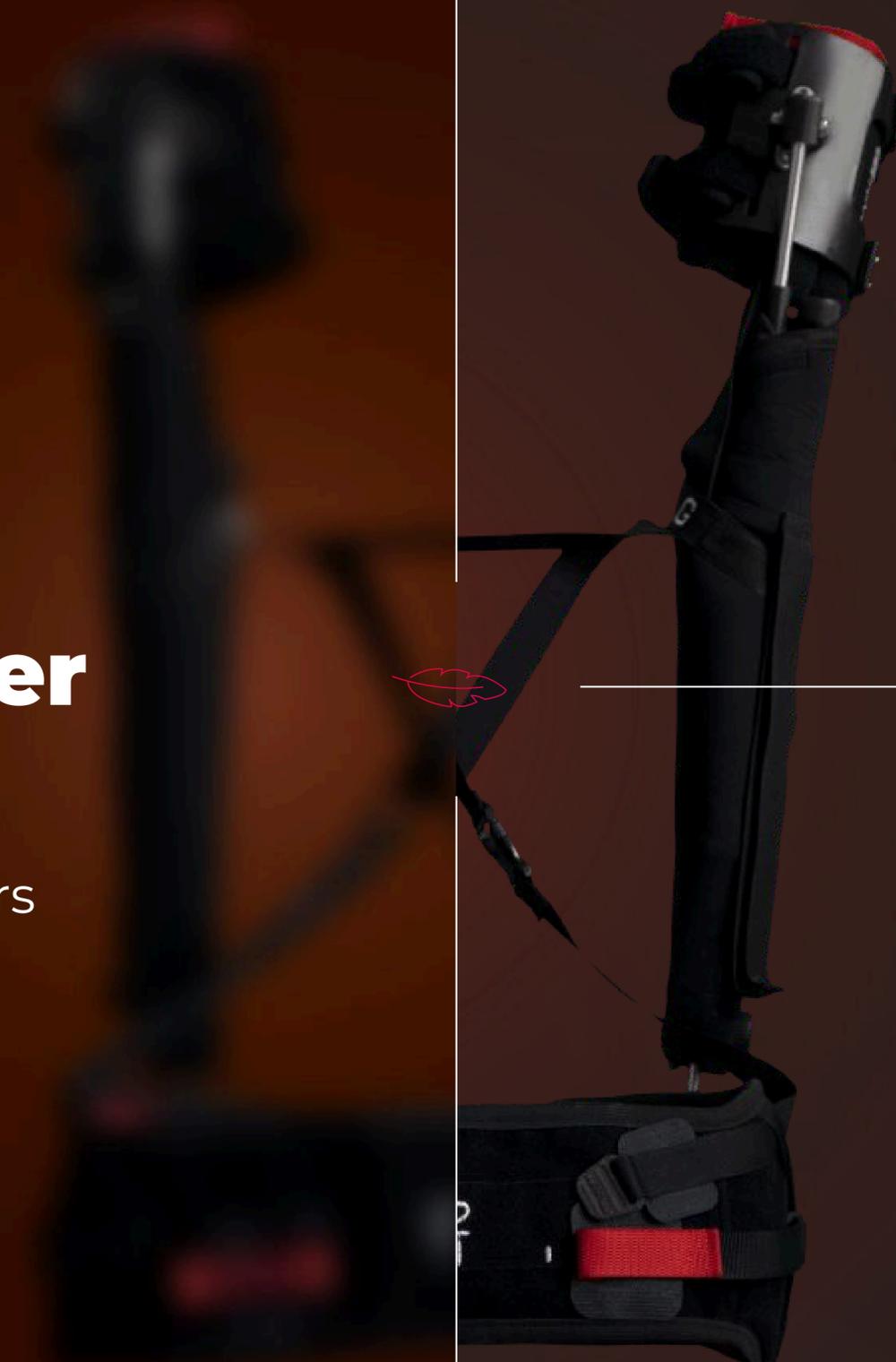
### Moon

The exoskeleton that supports employees who work with their heads tilted back.



# Plum, their arms have never been lighter.

The exoskeleton designed to support employees' shoulders during overhead work.





## Why choose Plum' exoskeleton?

**Relieves**  
overhead work  
strain

**Reduces**  
shoulder muscle  
strain

**Replicates**  
the natural movement  
of arm elevation

**Maintains**  
total freedom of  
movement

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**Plum' is designed for tasks that involve high shoulder strain.**



Repetitive arm-raising movements from chest height to above the head



Prolonged overhead arm postures

# A one of a kind user experience.

This device is the world's **most compact in its category**. It can be worn under workwear, making it suitable for different work settings.

# 8/10

## User satisfaction

Average user satisfaction after 20 days, measured in France in 2024.

Up to

# 6

**kilograms**  
of assistance  
per arm

# 100%

**mechanical**

for an effective exoskeleton that requires no external power source.

# 1

**size**

that fits 92%  
of Europeans

# 3

**adjustments**

for a tailored  
fit to the body.

# <45

**seconds**  
to install

# 0 → 180°

**progressive assistance**

when raising the arms

# Japet.<sup>W+</sup>, their backs deserve the best protection.

The only motorized exoskeleton that preserves employees' backs in all their movements.





# Why choose Japet.W+ exoskeleton?

## Relieves

pain linked to low back problems

## Limits

the impact on the spine



## Maintains

mobility and muscle activity

## Secures

high strain gestures & postures

[Access collection of studies](#)

This device is a class IIa medical device in Europe, which has been the subject of clinical and scientific studies proving its benefits. Click on the link above to consult them.



# Lumbar SoftSkin

The accessory for the Japet.W+ exoskeleton, offering adaptability, hygiene and comfort, while securing posture thanks to its proprioceptive effect.

## Easy to use.

Put on and take off in seconds.

## Optimal comfort.

Improved hygiene, well-being and thermal regulation.

## Postural support.

Strengthens proprioception and secures posture during movement.

## Compatibility.

Compatible with our Japet.W+ active system for personalised use.



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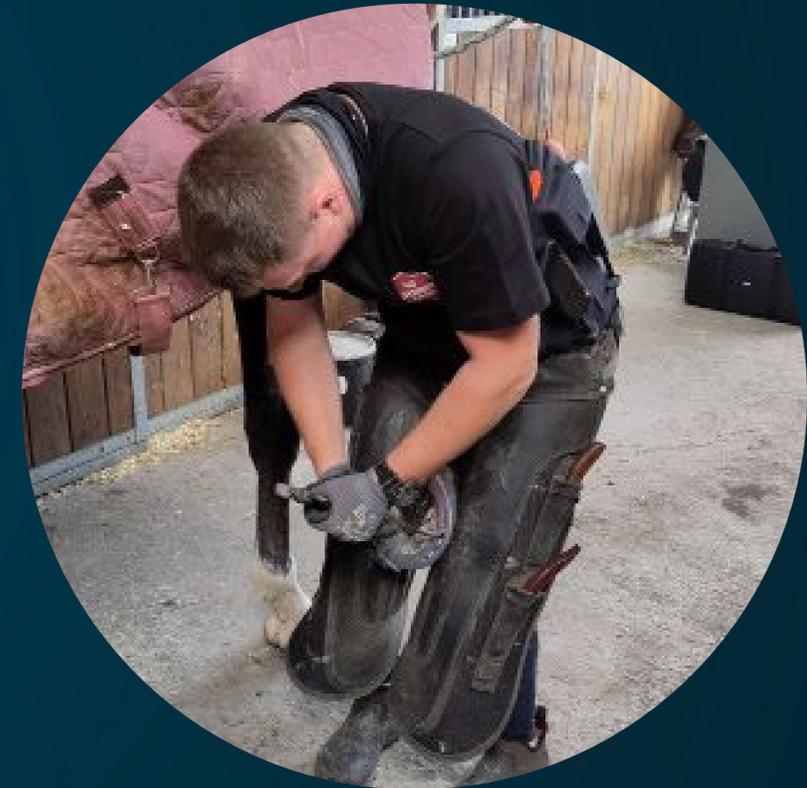
**Japet.W+ is designed for tasks with high lumbar strain.**



Repetitive movements



Load handling



Awkward postures



# A one of a kind user and customer experience.

Less than  
**30**  
secondes  
to install

**2**  
kilograms  
of total weight

Class  
**IIa**  
Medical Device  
(UE) 2017/745  
(MDR)

**2**  
sizes of active  
system  
& 5 SoftSkin sizes

**8/10**

## User satisfaction

Average user satisfaction in France after 20 days, since 2019 in the agri-food and industrial sectors, for handling activities, repetitive movements and awkward postures.

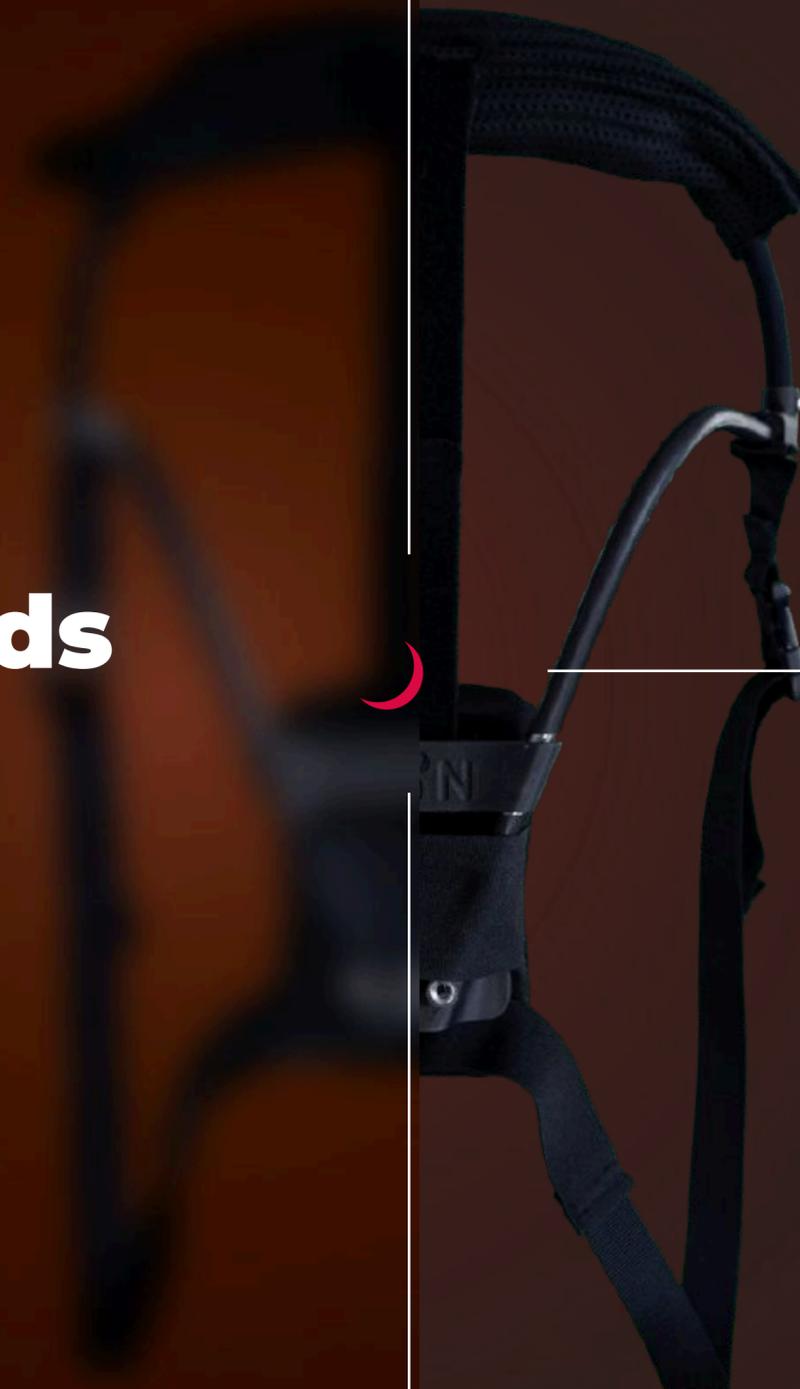
**8.1/10**

## Client satisfaction

Among 99 companies in industry, agri-food and the craft sector in France that have been using Japet exoskeletons for more than 5 months, average satisfaction was assessed by the exoskeleton project managers.

# M<sup>o</sup>N, they'll have their heads in the stars.

Headrest exoskeleton that supports workers during tasks with their heads tilted back.





# Why choose Moon exoskeleton?

## Relieves

discomfort from overhead work

## Reduces

the strain on the cervical muscles

## Accompanies

the natural movement of tilting the head backwards

## Maintains

complete freedom of neck movement

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# Moon is designed for tasks with high cervical strain.



Repetitive head-raising movements



Continuous upward head posture

# A one of a kind user experience.

The Moon exoskeleton is the lightest occupational exoskeleton available on the market.

It can be worn with any workwear and it can be combined with the use of the Plum' or Japet.W+ exoskeleton.

**250**  
grams  
total weight

**100**%  
mechanical  
for an effective exoskeleton  
that requires no external  
power source.

**1**  
size  
that fits 92%  
of Europeans

**1**  
single setting  
needed to adjust  
the Moon

**10**  
seconds  
of instalation

**0 → 55°**  
progressive assistance  
when raising the head

# Japet.

**Exoskeleton  
manufacturer and  
integrator.**

**[en.japet.eu](https://en.japet.eu)**

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Japet.W+ is indicated for people suffering from chronic and acute lower back pain. The device is designed for ambulatory distraction of the lumbar spine. The device can also be used by healthy people performing tasks involving heavy strain on the lumbar spine. Japet.W+ is a Class IIa medical device manufactured by Japet Medical Devices. CE conformity assessment has been carried out by BSI Group - The Netherlands B.V (CE 2797). Please read the user guide carefully.  
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