

# SPESystem

## Loading efficiency

## Efficient aircraft loading

Several systems are in service with the French Air Force Special Forces.

Tested on the A400M in locations where there are no weighing and loading systems.

"Even heavy loads can be handled by just two people."

"The pallet's centering and weight are displayed instantly, and a 360° rotation is easily performed to reposition it."

"The Wi-Fi connection is flawless."

"Measurements are extremely fast and seamlessly integrated into the loading process."

Optimized loading can be achieved for every flight.



Inboard payload weighing system  
4 scales are integrated directly in the loading ramp

*Simple and rugged*

*Accurate*

*Fast*

*Efficient*

*Plug and play*

*No airfram modifications*

*Installed and uninstalled in minutes*  
*Ball conveyors for easy handling of cargo*

*Hardened WiFi tablet for **automatic weight summing and logging***

*Can also be used out of the aircraft*  
**Payload weight measurement to a precision of ±5kg**



## Datasheet

- **8000 kg** total load capacity
- **4 weighing elements** (535 x 445mm)
- COTS Swiss made load cells
- Wireless connection, battery powered (**no wiring required**)
- Light weight and robust **aluminum and carbon fiber** construction
- **Stainless steel** rollers
- Easy and user friendly **toughened Panasonic FZ-G1 tablet**
- Total weight of kit : 140 kg (2 transport hard cases)
- Versions for **A-400M or universal**
- **NATO identified** (NNO 6670-14-6000898)



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"The results are very convincing."

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# Thanks for your attention !

## SPESystem

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## Pallet loading on the A400M ramp

### Objective :

- A system that addresses the problem of freight and personnel anywhere using self-contained and easily transportable equipment

### Target audience:

- All flight crew responsible for loading and weight and balance (Lodmaster) of A400M tactical transport aircraft (ATT) and may be adapted for other ATT

### Adaptability

- possibility of adapting the system to other aircraft