

LOADING SYSTEMS

K-LOADER

Tool for air loading operations on C-130J, C-160F, and C-130H aircraft, suitable for all systems composed of standard modules and lifting devices. Manually operable by two operators.

Actuation: Diesel engine

Configuration:

- Remote control unit
- Operator driving station
- Base frame
- Loading platform
- Idle (free) rollers
- Powered rollers
- Pallet guide and stop restraints
- Engine
- Engine air intake filter
- Hydraulic oil tank
- Fuel tank
- Drive wheels
- Steering wheels
- Lifting points for vertical handling and securing during transport
- Towing hitch point
- Front locking blocks
- Locking screws

Movements: Roll $\pm 5^\circ$; Pitch $\pm 5^\circ$

Dimensions (transport configuration): 2660 mm [W] × 7800 mm [L] × 1970 mm [H]

System weight: 7.500 kg

Load capacity: 13.500 kg

Transport: Equipped with dedicated securing interfaces for transport on the aircraft ramp.



LOADING SYSTEMS

KIT AVIO

Automatic loading system for payloads transportable on C-130 aircraft.

Actuation: Hydraulic / manual

Configuration:

- Steering axles for alignment between module and cargo hold, operated via dedicated lever.
- Adjustable loader for alignment with the ramp loading surface, equipped with four swivel casters.
- Locking struts for securing support legs in operational configuration.

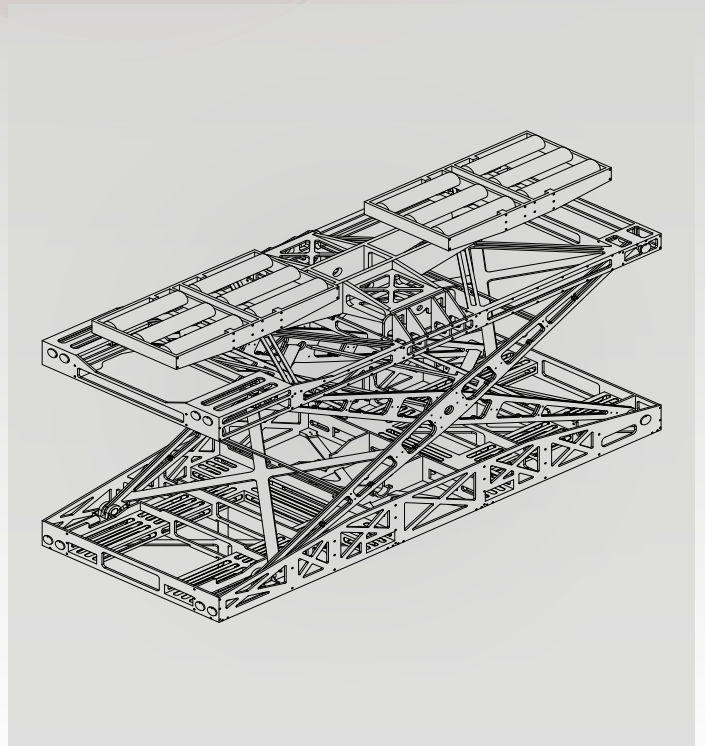
Movements: Roll $\pm 5^\circ$; Pitch $\pm 5^\circ$

Dimensions (transport configuration): 2500 mm [W] $\times$ 2560 mm [L] $\times$ 1210 mm [H]

System weight: 540 kg

Load capacity: 13.500 kg

Transport: Equipped with dedicated securing interfaces for transport on the aircraft ramp.



ASYMMETRIC LONGERONS

Longerons designed for securing ISO 20' modules inside C-130 aircraft. The "asymmetric" geometry enables loading on C-130J/J30 aircraft with an offset configuration that maintains a minimum 14" safety aisle between the outer wall of the ISO 20' module and the internal aircraft wall, in accordance with the specific C-130J aircraft manuals.

Maximum air transportable load (ISO 20'): 14.500 kg

Longeron material: Light alloy

Fastener class: Stainless steel A4-70

Maximum simultaneous operational accelerations:

$\pm 3g$ (longitudinal); 4.5g (vertical); $\pm 1.5g$ (lateral)

Maximum simultaneous emergency accelerations:

$\pm 9g$ (longitudinal); 4.5g (vertical); $\pm 1.5g$ (lateral)

Mechanical fastening interface (drilling pattern):

In compliance with CAP3071

