

OSHKOSH AEROTECH

# ATLAS 4 AND 5 MILITARY CARGO / K LOADERS

## WHEN SUPPORT IS THE MISSION

When equipment needs to be offloaded onto unimproved landing sites, Oshkosh AeroTech Atlas Cargo Loaders are ready to serve.

Air-transportable, designed for rapid setup, and engineered to withstand the operational demands of military use in rugged environments, the stable, fixed-axle design has a high/low range suitable for military and main-deck commercial cargo aircraft.

Building on the sturdy, heavy-powered foundation, the technology-driven features provide on-board color diagnostics and visibility to support precise cargo management.

Prepare for the next stage of your mission with the Oshkosh AeroTech Atlas Cargo Loader.

**300+**

Over 300 units have  
been manufactured

**45+**

Supporting more than  
45 customers worldwide



## THE ATLAS CARGO LOADER PROVIDES:

- Atlas 4 features a four pallet capacity to support up to 44,000 lbs (20 tonnes) throughout the complete height range
- Atlas 5 features a five pallet capacity to support up to 50,000 lbs (22.7 tonnes) throughout the complete height range
- Achieve nearly all-around around visibility when using side, rear-, and downward-facing cameras
- A fixed wheelbase with hydraulically powered stabilizers on all four corners
- Split scissor lift supports all four corners, even when fully extended to max height
- Hydrostatic transmission
- Self-levelling platform
- Front, rear, all, and crab steering with a 4-wheel drive option
- Optional add-on features:
  - Dolly Interface System (DIS) to position cargo at the ramp
  - Cab air-conditioning
  - Pallet bed width extension
  - Cold weather pack



**ATLAS 4**



**ATLAS 5**

## NOMINAL CHARACTERISTICS\*

|                                | Atlas 4                                        |    |                | Atlas 5                              |    |                |
|--------------------------------|------------------------------------------------|----|----------------|--------------------------------------|----|----------------|
| High-Lift Cargo / K Loader     | Split Scissor/Grasshopper                      |    |                | Split Scissor/Grasshopper            |    |                |
| Diesel Drive                   | Yes                                            |    |                | Yes                                  |    |                |
| Pallet Capacity                | 4 - Single or Double Dolly Option Available    |    |                | 5                                    |    |                |
| Lift Capacity                  | 44k lbs./20000 kg                              |    |                | 50k lbs./22700 kg                    |    |                |
| Aircraft Compatible (Sample)   | C-5, C-17, C-130, A400M, B747, C-235           |    |                | C-5, C-17, C-130, A400M, B747, C-235 |    |                |
| Air Transportable              | Yes                                            |    |                | Yes                                  |    |                |
| Transport Weight               | 25k lbs./11350 kg                              |    |                | 36k lbs./16500 kg                    |    |                |
| Length (Transport Operational) | 399 in./10.13 m                                |    |                | 498 in./12.64 m                      |    |                |
| Width (Transport Operational)  | 113 in./2.87 m                                 | to | 164 in./4.16 m | 113 in./2.87 m                       | to | 164 in./4.16 m |
| Height (Transport Operational) | 95 in./2.43 m                                  | to | 97 in./2.47 m  | 95 in./2.43 m                        | to | 97 in./2.47 m  |
| Deck Elevation Travel          | 39 in./0.99 m                                  | to | 220 in./5.59 m | 39 in./0.99 m                        | to | 220 in./5.59 m |
| Deck Pitch                     | +/- 5°                                         |    |                | +/- 5°                               |    |                |
| Deck Roll                      | +/- 4°                                         |    |                | +/- 4°                               |    |                |
| Deck Side Shift                | 3" (76 mm)                                     |    |                | 3" (76 mm)                           |    |                |
| Fixed Axle / Chassis Design    | Yes                                            |    |                | Yes                                  |    |                |
| Wheels (tubeless pneumatic)    | 4                                              |    |                | 6                                    |    |                |
| Deck Power Convey              | 14 Powered Rollers                             |    |                | 16 Powered Rollers                   |    |                |
| Cargo Movement                 | 80 fpm/24.4 m/minute                           |    |                | 80 fpm/24.4 m/minute                 |    |                |
| Drive                          | Front or All-Wheel                             |    |                | 4-Wheel                              |    |                |
| Steer                          | Front Wheel, All Wheel, Crab                   |    |                | All-Wheel, Crab                      |    |                |
| Cab                            | Standard                                       |    |                | Standard                             |    |                |
| Cab Air-conditioning           | Option                                         |    |                | Option                               |    |                |
| Drive Speed                    | 19 mph/32 kph                                  |    |                | 19 mph/32 kph                        |    |                |
| Turn Radius Curb to Curb       | 34.8 ft./10.6 m                                |    |                | 57.7 ft./17.6 m                      |    |                |
| Fuel Tank                      | 26.4 gal./100 L                                |    |                | 26.4 gal./100 L                      |    |                |
| Engine                         | Diesel Tier III, Tier IV                       |    |                | Diesel Tier III                      |    |                |
| Fabrication                    | ISO 9001                                       |    |                | ISO 9001                             |    |                |
| NSN / NAT                      | 2WD: 2320-99-258-6340<br>4WD: 2320-99-908-5847 |    |                | Pending                              |    |                |

\*Subject to change; please consult an Oshkosh AeroTech representative for updated information.



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