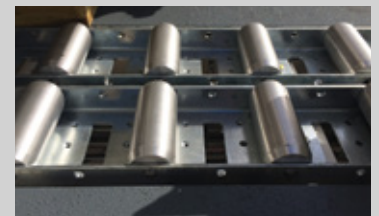




Air-Portable 50,000lb K-Loader

Our ATLAS 5 is the latest addition to the ATLAS family of loaders. With a 50,000lb payload, it is designed to meet the demands to move high volumes of cargo by all types of military and commercial cargo aircraft.

- Load capacity of 50,000lbs (22,680kg).
- Versatile, five 463L Military pallets, three 125" x 96" commercial pallets plus all types of ULD's, air-drop pallets, loose cargo, vehicles and ISO containers.
- Dynamic and safe handling with 6x4 traction and road speeds up to 30kph.
- Simple to prepare for transportation and "Drive on" air-transportable by all medium to large military cargo aircraft.
- Operational at any airhead within 20 minutes of off load.
- Heavy duty load platform with zoned powered pallet drives +/- 76mm platform side-shift, auto levelling, pitch and roll allowing accurate alignment with aircraft threshold.
- Superb airside manoeuvrability via the operator selectable all wheel steering options of; Front, Rear, all wheel and crab.
- Smooth, purpose designed hydrostatic drive system with high torque drive automatic creep and speed limitation guaranteeing safe user friendly aircraft approach.
- Fully enclosed stainless steel operators cab ergonomically designed, giving excellent all round visibility. Display screen providing operator information, vehicle status and diagnostics.
- Worldwide operation in extreme climatic conditions from -25°C to +50°C (-35°C with optional cold weather pack).
- On-board emergency 24v hydraulic power.
- Engine driven tyre inflator compressor.
- Optional Dolly Interface System (DIS) to provide interface with 20" pallet dolly trailers and extending transport capacity to 6 pallets.
- Complies with all of the latest Health and Safety requirements, IATA and CEN standards.



Passenger Stairs
Belt Loaders
Cargo & Freight Vehicles
Toilet & Water Trucks
Aircraft Loaders
Fuel Tank Repair Trolleys
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“ A serious, high capacity, versatile K-Loader with a unique 6 pallet capability ”

Aircraft Compatibility

- All aircraft cargo doors with sill heights 990mm to 5,590mm.
- Optional pallet dolly interface system (DIS) trailer, height range 480mm to 1,000mm.
- Forward drop nose assemblies allowing interface with narrow lower lobe freight doors.

Operational Capability

- Load capacity – 50,000lbs (22,680kg)
- Maximum gradient ; Unladen 1 in 4 (25%) Laden 1 in 14 (8%).
- Speed Range; Maximum speed unladen; forwards - 32kph, reverse limited 10kph, platform raised limited 15kph.
- Environmental envelope -25°C to +50°C.

Engine/transmission

- Water cooled turbo charged diesel engine to latest tier emission standard.
- Engine driven tyre inflator compressor.
- Fuel – Diesel, NATO F-54 and F-34.
- Fuel tank capacity 100ltrs.
- Heavy duty axles with identical single wheels and block pattern FOD resistant pneumatic tyres.
- Hydrostatic drive to front and centre axles using closed loop variable delivery swash plate axial pump and motors.
- Air blast transmission coolers.
- Independent hydraulic services pump.
- Stainless steel tanks with high quality non-corrosive hydraulic components.

Steering, Brakes

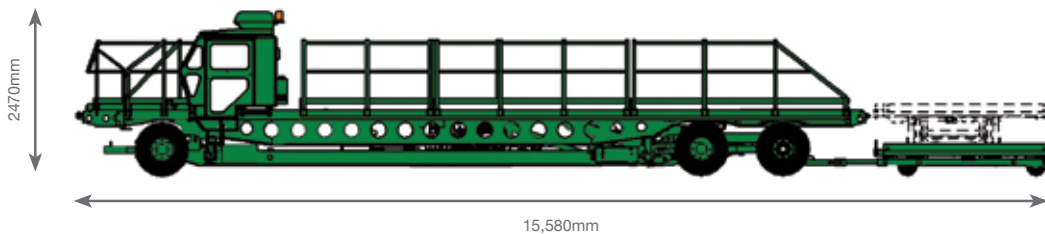
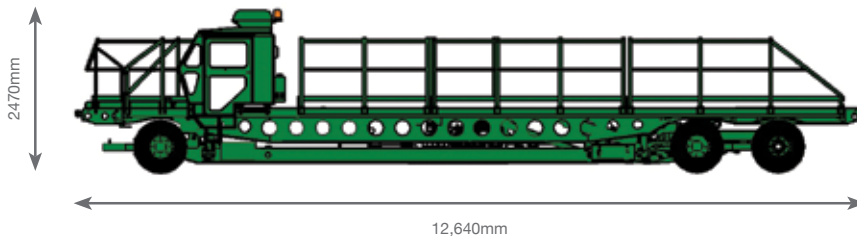
- Operator selected power steering; front, rear, all wheel and crab.
- Split dual circuit service brakes using oil immersed multi-plate discs.
- Parking brake – fail safe spring applied, pressure released disc brakes.

Electrical System

- 24v negative earth electrical system.
- 2 x 12v air-portable gel type batteries with 800 amperes SAE cold crank rating.
- Fully instrumented processor supported driver display and information system with auto check status of key functions.
- 24v emergency hydraulic pump.
- Load platform work lamps.

Shipping dimensions – Air-portability configuration

- Length 12,640mm (498")
- Width (air-transport) 2,890mm (114")
- Width over tyres at 99psi 2,540mm (100")
- Height 2,430mm (96")
- Weight 15,500kg (34,172lb)



ATLAS 5 with Dolly Interface System attached