

▶ CTTT Cargo Transfer Transporter Trailer



Air-Portable Cargo Transfer Transporter Trailer

The CTTT is a unique low cost solution to infrequent cargo operations particularly in remote austere locations. This system is immediately deployable and requires little maintenance in service.

- Load capacity of 30,000lbs (13,600kg).
- A very simple, low cost, low maintenance cargo loader specifically designed to support the Lockheed Martin C-130 Hercules. Currently in service with the Norwegian Air Force and BAE Systems (USA).
- Can handle up to three 463L Military pallets, two 125" x 96" commercial pallets plus ULD's and MSP or equivalent.
- Simple mechanical braking system and steel suspension with robust axles and wheels for reliability and low maintenance.
- Fixed at C-130 height with simple hand operated hydraulic stabilisers for final levelling with the aircraft ramp and security during load transfer. Diesel powered hydraulic pack option.
- Can be towed by any suitable vehicle including small tow tractor, heavy forklift or wheeled loader.
- Quick release couplings for hydraulics to enable external hydraulic power from a suitable towing vehicle.
- Quick hydraulic connections to enable external hydraulic power from towing vehicle.
- 18 Inter-changeable drop in trays with Rollers or Ball Transfer units for easy manual load transfer.
- Manual pallet stops and lashing points along each side of the load bed for load security.
- Robust rubber buffers along the aircraft interface point for aircraft and trailer protection.
- Fold in, removable walkways and handrails for rapid preparation for transportation and approved tie-down points for securing the trailer once loaded.
- Can operate in extreme climatic conditions from -30°C to +50°C.
- Road lighting with additional marker lamps.



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“ CTTT performed just as advertised. It was perfect for our mission and worked very well with our off-load . ”

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Aircraft Compatibility

- C-130 Hercules – (C17, A400M, IL76 or any military cargo aircraft with suitable optional interface upgrade).

Operational Capability

- Load capacity – 30,000lbs (13,600kg)
- Maximum gradient is dependent on the weight and capability of the towing vehicle.
- Maximum towing speed; Laden – 15kph
Unladen – 25kph.
- Environmental envelope -30°C to +50°C.

Hydraulic system

- Manually operated hydraulic pump for stabiliser deployment.
- Quick release couplings to enable the use of hydraulic power from the towing vehicle.
- Twin hydraulic pumps for high flow or high pressure.
- Four independent control valves, one for each stabiliser to provide manual levelling.

Steering, Brakes & Suspension

- Turntable steering with steering lock limiters for load security.
- Overrun mechanical brakes to the front wheels with wheel chocks for security when stationary.
- Steel suspension to all three axles.

Load platform

- Length between stops 8,570mm
- Width between guides 2,960mm
- 3 Zones with individual manual pallet stops.
- 3 off 108" x 88" military pallet positions.
- 18 interchangeable drop in roller or ball trays. 12 x roller trays and 6 x BTU trays fitted as standard.
- Impact rubbers at bulkhead and rear of platform.
- Additional platform width (200mm) to ease trailer alignment and load transfer.
- Self-draining high grip walkways along the load bed and additional walkways along each side with safety handrails.
- Folding ladders for platform access.
- 12 lashing point (6 per side) for additional load security.

Electrical System

- 12v or 24v electrical system for standard road lighting and marker lamps.
- Standard 7 pin European trailer plug or NATO plug option.

Weights and dimensions - Air-portability configuration

- Length 11,280mm (444")
- Width 2,775mm (109")
- Width over tyres @ 99psi 2,540mm (100")
- Height 1,225mm (48")
- Weight 6,239kg (13,754lb)
- Average wheel load 1,040kg (2292lb)

Options

- Diesel powered hydraulic system.
- Additional aircraft interface for alternative aircraft types; C17, A400M, C295, IL76 or equivalent military cargo aircraft.
- Manual handbrake.

