



### Description

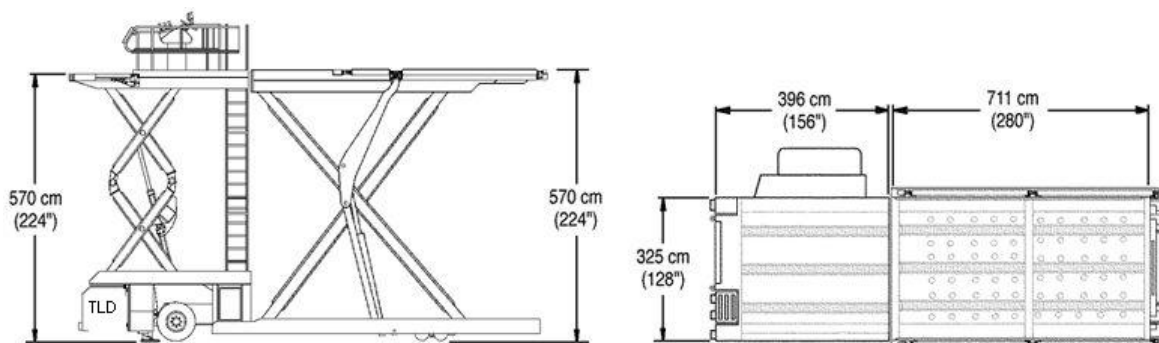
The 929 (Standard) is a self-propelled, dual-platform loader designed to transfer 610 cm (20 ft) ULD's weighing up to 15 000 kg (33,000 lbs.) With the ability to interface 178 cm (70"), 254 cm (100"), or 356 cm (140") doors, this heavy-duty loader can be used to service the following aircraft:

- **Lower Lobe:** 747, 757, 767, 777, DC-10, MD-11, L-1011, A300, A310, A320, A330, A340, A380
- **Main Deck:** 707, 727, 737, 747, 757, 767, A300, A310, A320, A330, A340, A380, DC-8, DC-9, DC-10, BAE-146, MD-11, MD-80, L1011

### Standard Features

- **Engine:** Caterpillar C4.4 Tier III electronic diesel in swing-out module protected against overheating, low fluids
- **Bridge:** Power trays, fold-down handrail, right side extending walkway/handrail, triple stainless steel chains, MDW's for side shift, bridge tilt
- **Elevator:** Triple stainless steel chains for straight transfer, MDW's for side transfer and dual rotate, powered rollers around periphery
- **Vehicle Drive:** Front wheel drive with heavy-duty
- **Rear Wheels:** Dual bogeys, fully adjustable even fully loaded
- **Stabilizers:** Two provide excellent stability, rock back into stowed position for towing.
- **Emergency Pump:** Battery-powered back-up for platforms down, clear decks, stabilizers up
- **Diagnostics:** Push-button troubleshooting, remembers intermittent short and open wires
- **Switches, Harnesses, Connectors:** Rated for IP65 protection from water and corrosion

### Interface and Cargo Transfer Dimensions



### Overall Specifications

Wheelbase	566 cm (223")
Track Width	Front: 208 cm (82") Rear: 272 cm (107")
Height	Lowered: 302 cm (119") Raised: 686 cm (270")
Size	417 W x 1 120 L cm (164" W x 441" L)
Weight	26 400 kg (58,000 lbs)
Drive Speed	14 km/h (0 to 8 mph)
Transfer Speed	18 m/min (60 ft/min)
Lift Capacity	15 000 kg (33,000 lbs) for 610 cm (20 ft) ULD's

### Bridge Specifications

Height	Lowered: 193 cm (76") Raised: 570 cm (224")
Length	396 cm (156")
Width	409 cm (161")
Lift Speed	7,6 m/min (25 ft/min)
Tilt (standard)	± 4 cm (1.6")
Side Guides	158 cm (62"), 249 cm (98"), or 325 cm (128") wide ± 7,6 cm (3") side-to-side, forward

### Elevator Specifications

Height	Lowered: 46 – 63 cm (18" – 25") Raised: 570 cm (224")
Length	Overall: 711 cm (280")
Width	361 cm (142")
Lift Speed	14 m/min (45 ft/min)
Side Guides	Fixed at 325 cm (128")

After positioning the bridge at the aircraft door, it is possible to run a fully loaded elevator through a full cycle (up & down) as quickly as every 45 to 55 sec! Simultaneously, the 929 delivers excellent cargo maneuverability on both decks – including dual rotation!

Note: Performance depends on well-tuned engine and hydraulic system. As with any engine, performance is adversely affected by extreme altitude and climate.

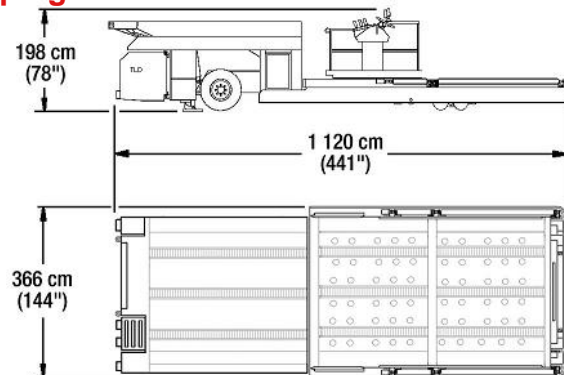
### System Specifications

Electrical	24V DC with starter protection
Fuel Tank	121 liters (32 US gallons)
Vehicle Power	Engine-driven pump powers unit; front wheel-mounted motors
Brakes	Hydrostatic braking and drum brakes
Hydraulics	Drive/Lift: 245 bar (3800 psi) Other Functions: 207 bar (3000 psi) 24V DC solenoid valves
Hydraulic Tank	246 liters (65 US gallons)
Front Wheels	(2): 32" x 12.1" x 15" (solid rubber)
Rear Wheels	(8): 12" x 5" x 8" (solid polyurethane)
Steering Angle	± 60°
Turning	Outside tire (radius): 8m (26.5 ft) Wall to wall (dia): 20m (65 ft)
Gradeability	7%

### Options

- **Engine:** Cummins QSB 4.5 electronic Tier III  
Deutz TCD2012 electronic Tier III
- **Bridge:** Moving console; Auto-level;  
Power right side walkway; Full width bumper
- **Controls:** Loud horn, Low fuel shutdown; Console cover; Ignition and/or Bridge UP/DOWN at Main Box
- **Elevator:** 152 cm (60") interlock
- **Overall:** Flashing beacon
- **Cold kit:** Engine/hydraulic/battery heaters
- **Arctic kit:** Hydraulic re-circulate

### Shipping Dimensions



Revised 05May2008 (GR)

Contact us at our Web Site:  
[www.tld-gse.com](http://www.tld-gse.com)

### TLD Group Sales and Service Headquarters

#### Asia

TLD ASIA, Hong Kong

Tel: +(852) 2692 2181; Fax: +(852) 2691 2604

#### Europe, Africa, Middle East, India

TLD EUROPE, France

Tel: +33 (0)1 45 60 71 40; Fax: +33 (0)1 45 60 57 00

#### Americas, Australia, Japan, New Zealand

TLD AMERICA, USA

Tel: +1 (860) 602-3400; Fax: +1 (860) 688-7895

Tolerances of mentioned data: +/- 5 %

Specifications may be altered due to a constant effort to improve performance.