

828 STANDARD

CONTAINER / PALLET LOADER



Description

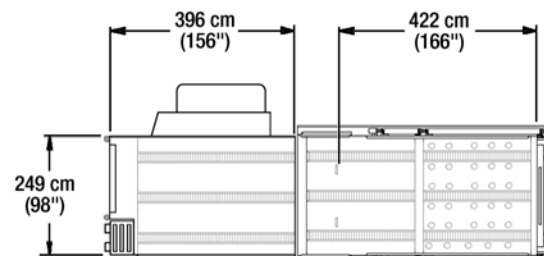
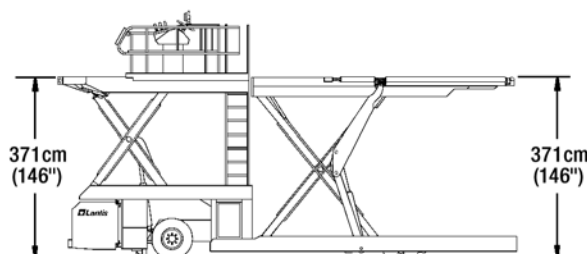
The 828 Standard is a self-propelled, dual-platform loader designed to transfer containers and pallets weighing up to 7 600 kg (16,700 lbs.) With the ability to interface 178 cm (70") or 254 cm (100") doors, this heavy-duty loader can be used to service the following aircraft:

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

Standard Features

- **Engine:** Perkins 1004-42/Cat 3054B diesel in swing-out module protected against overheat, low fluids
- **Bridge:** Fold-down tray and left side handrail, triple stainless steel chains for straight transfer
- **Elevator:** Triple stainless steel chains for straight transfer, MDW's for side transfer and dual rotate, powered rollers around periphery
- **Vehicle Drive:** Two-speed front wheel drive with heavy-duty wheel-mounted motors and
- **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



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Overall Specifications

Wheelbase	455 cm (179")
Track Width	Front: 208 cm (82") Rear: 264 cm (104")
Height	Lowered: 295 cm (116") Raised: 485 cm (191")
Size	384 W x 935 L cm (151" W x 368" L)
Weight	17 300 kg (38,000 lbs)
2-Speed	Low: 8 km/h (0 to 5 mph) High: 16 km/h (0 to 10 mph)
Transfer Speed	18 m/min (60 ft/min)
Lift Capacity	7 600 kg (16,700 lbs)

Bridge Specifications

Height	Lowered: 178 cm (70") Raised: 371 cm (146")
Length	396 cm (156")
Width	378 cm (149")
Lift Speed	7,6 m/min (25 ft/min)
Tilt (option)	± 4 cm (1.6")
Side Guides	158 cm (62") or 249 cm (98") ± 7,6 cm (3") side-to-side, forward

Elevator Specifications

Height	Lowered: 43 – 54 cm (17" – 21.2") Raised: 371 cm (146")
Length	Overall: 528 cm (208") Between stops: 422 cm (166")
Width	295 cm (116")
Lift Speed	15 m/min (50 ft/min)
Side Guides	Fixed at 249 cm (98")

After positioning bridge at aircraft door, it is possible to run fully-loaded elevator through a full cycle (up & down) as quickly as every 35 to 40 sec! With *Turbo Hydraulics Option*, cut cycle time to 25 or 30 sec, along with better cargo maneuverability on the deck!

Note: Performance depends on well-tuned engine and hydraulic system. As with any engine, performance is adversely affected by extreme altitude and climate. In such conditions, Turbo Option and Deutz BF6M1012 is recommended.

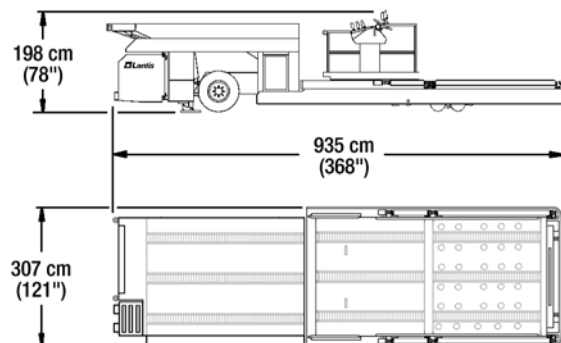
System Specifications

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	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	(4): 12" x 5" x 8" (solid polyurethane)
Steering Angle	± 60°
Turning	Outside tire (radius): 5m (16 ft) Wall to wall (dia): 13m (43 ft)
Gradeability	7%

Options

- **Engine:** Deutz BF4M1012, BF6M1012
- **Hydraulics:** Turbo pump, hydraulic cooler
- **Bridge:** Side shift; Power tray; Moving console; Auto-level; Tilt: ± 4 cm (1.6"); Full width bumper
- **Controls:** Deluxe joysticks; Gauge cluster; Loud horn, Low fuel shutdown; Console cover
- **Elevator:** End Load Only, Single rotate; 152 cm (60") interlock
- **Overall:** Flashing or rotating beacon
- **Cold kit:** Engine/hydraulic/battery heaters
- **Arctic kit:** Hydraulic recirculate

Shipping Dimensions



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Contact us at our Web Site:

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Tolerances of mentioned data: +/- 5 %

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