

828-WID

CONTAINER / PALLET LOADER



Description

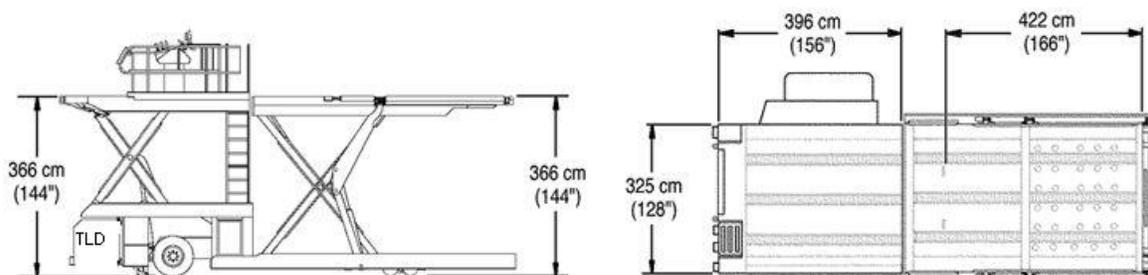
The 828-WID (Wide) is a self-propelled, dual-platform loader designed to transfer containers and pallets weighing up to 7 600 kg (16,700 lbs.) With the ability to interface 178 cm (70"), 254 cm (100"), or 356 cm (140") doors, this heavy-duty loader can be used to service the following aircraft:

- **Lower Lobe:** 747, 757, 767, 777, DC-10, MD-11, L-1011, A300, A310, A320, A330, A340, A380, IL76
- **Main Deck:** 707, 727, 737, BAE-146, A320, DC-8, DC-9, MD-80

Standard Features

- **Engine:** Cat 3054C diesel in swing-out module protected against overheat, low fluids
- **Bridge:** Power trays, fold-down left side handrail, triple stainless steel chains for straight transfer
- **Elevator:** Triple stainless steel chains for straight transfer, MDW's for side transfer single or dual rotate, powered rollers around periphery, all depending on elevator configuration
- **Vehicle Drive:** Two-speed front wheel drive with heavy-duty wheel-mounted motors and standard automotive drum brakes
- **Rear Wheels:** Dual bogies, 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



Tolerances of mentioned data: +/- 5 %
Specifications may be altered due to a constant effort to improve performance.

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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	411 W x 935 L cm (162" W x 368" L)
Weight	18 200 kg (40,000 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")
Dimensions	409 W x 396 L cm (161" W x 156" L)
Lift Speed	7,6 m/min (25 ft/min)
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: 45 – 54 cm (18" – 21.2") Raised: 371 cm (146")
Length	Overall: 528 cm (208") Between stops: 422 cm (166")
Width	361 cm (142")
Lift Speed	15 m/min (50 ft/min)
Side Guides	Fixed at 325 cm (128")

After positioning bridge at aircraft door, it is possible to run fully loaded elevator through a full cycle (up & down) as quickly as every 34 to 38 sec! With *Turbo Hydraulics Option*, cut cycle time to 30 or 34 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 BF4M2012C is recommended.

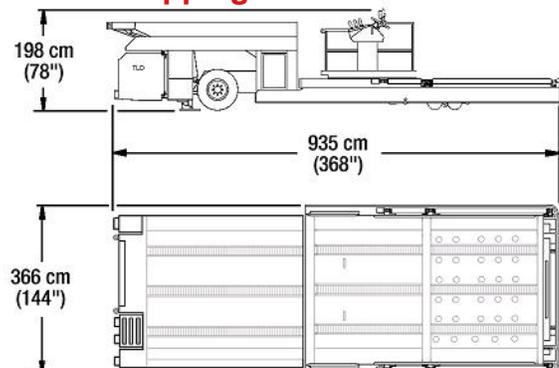
System Specifications

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 BF4M2012, BF4M2012C
- **Hydraulics:** Turbo pump, hydraulic cooler
- **Bridge:** Side shift (recommended for wide); Auto-level; Tilt: ± 4 cm (1.6"); Full width bumper; Moving console, motorized tray
- **Controls:** Deluxe joysticks; Gauge cluster; Steering horn, Low fuel shutdown; Console cover
- **Elevator:** Single rotate or Dual rotate; 152 cm (60") interlock guides
- **Overall:** Flashing or rotating beacon
- **Cold kit:** Engine/hydraulic/battery heaters
- **Arctic kit:** Hydraulic re-circulate

Shipping Dimensions



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