

MDL-60 Main Deck Loader

Proven Heavyweight Dependability

With lift capacity for loads up to 27,220 kg (60,000 lbs.)

For an industry built on meeting the challenges of safely shipping cargo all over the world, the MDL-60 means heavyweight dependability. Load after load, day after day, year after year.

Reliability. No Main Deck Loader can match the MDL-60 for reliability. In every detail, it realizes the engineering excellence that has led most customers to rate FMC as the single most reliable units of ground support equipment in their entire fleets.



To protect your cargo:

- Unique attachment system maintains perfect interface automatically – to ensure that even over-size or over-weight loads transfer between loader and aircraft smoothly and safely, every time.
- Platform guides cannot be lowered outside of transfer height.
- Rear platform cannot be lowered with a load astride both platforms.

Speed. The MDL-60 optimizes load-cycling time in two ways. First, its two-platform configuration allows staging pallets on the forward platform while elevating to the transfer position. Second, a heavylift mode switch adjusts for loads of all sizes and weights. The 18,144 kg (40,000-lbs.) mode provides maximum efficiency for lighter loads. Then, when extra muscle is needed, the 27,220kg (60,000 lbs.) mode employs a regenerative circuit to both increase lifting force and decrease lift speed.

Durability. Designed to last through year after year of heavylift service. And to be eminently rebuildable. To see what that standard of excellence means, consider this – FMC MDL's consistently continue to perform after 20 years of service.

Safety. To meet the needs of the world's best airfreight handlers, a loader must provide safety to absolutely protect every operational factor. Ramp personnel, precious cargo and that most expensive asset – the aircraft.

To protect ramp personnel:

- Heavylift mode switch maximizes careful handling of heavy and/or oversized loads.
- Constant forward platform interface takes the risk out of manual load maneuvering within the aircraft hold.
- Limit switch safety interlocks protect against dangerous positioning of loads and hazardous driving conditions

To protect the aircraft:

- Two-platform design minimizes the frequency of critical platform-doorsill interface.
- Unique attachment system minimizes chance of loader or cargo damaging aircraft when its height or pitch changes.

SPECIFICATIONS

Lift Capacity	27,220 kg (60,000 lbs.)	Wheelbase	7,800 mm (310 in.)
Gross Vehicle Weight	30,164 kg (65,500 lbs.)	Driving	0-15 km/hr (0-8 mph)
Conveying	18.3 m/min (60 ft./min)		
Overall Dimensions		Forward Platform	Rear Platform
Length	12,014 mm (473 in.)	4,320 mm (170 in.)	7,086 mm (279 in.)
Width	4,470 mm (176 in.)	3,250 mm (128 in.)	3,250 (128 in.)
Height (incl main lift cylinder)	3,823 mm (150 in.)		
Elevation Range		Rear Platform	483 to 5,588 mm (19 to 220 in.)
Forward Platform	2,590 to 5,588 mm (102 to 220 in.)		
Platform Lift Speeds (maximum)		Power Systems	
Loads to 13,600 kg (30,000 lbs.)	13.7 m/min (45 ft./min)	Engine Selection	Deutz, BF6M1013C 175Kw (233hp)
Loads 13,600 kg to 182,000 kg (30,000 lbs. to 40,000 lbs.)	6.1 m/min (20 ft./min)		Com 2/Tier II Compliance
Loads 18,200 kg to 27,200 kg (40,000 lbs. to 60,000lbs.)	3.4 m/min (11ft./min)	Electrical system	12 vdc
		Hydraulic system (max)	367LPM @ 152 BAR

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