

MACK DEFENSE M917A3 HEAVY DUMP TRUCK

DESIGNED TO MEET A DEMANDING PAYLOAD

The Mack Defense M917A3 Heavy Dump Truck is a commercially-based Mack Granite® dump truck, engineered to be the best-in-class tactical vehicle solution from the only company that can deliver these unparalleled capabilities to the U.S. Army. Mack Defense assembled a world class team with one purpose in mind – to provide the U.S. Army with a best-in-class heavy dump truck that meets all military requirements. The Mack Defense M917A3 Heavy Dump Truck is based upon the Mack® Granite® chassis—one of the most popular and proven dump trucks in the world—with over 42,400 Mack® Granite® trucks produced since 2009.



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The engineers at Mack Defense designed the Mack Defense M917A3 Heavy Dump Truck to meet the current needs of the US Army, while allowing for evolving requirements and future growth. Mack Trucks designed the commercial Granite for the harshest jobsites and it features an engine and transmission optimized for the application. Mack Defense engineers added heavy-duty rear axles, all-wheel drive, and increased ride height suspension to provide the Army with a heavy dump truck to meet their demanding payload and mobility requirements. An armor cab was also engineered which utilizes all the comfort and amenities of a commercial truck, while adding force protection to keep occupants safe in hostile environments.



HEAVY DUMP TRUCK

WEIGHTS/DIMENSIONS

GVW: 94,500 lbs

Wheel Configuration: 8x8

Frame: 300mm X 90mm X 11.1mm with steel reinforcement frame

Wheelbase: 243"

Platform: 230"

Overhang: 75"

POWERTRAIN

Type: Mack 13 Liter, MP8 440

Max Power: 440 HP

Max Torque: 1660 lb-ft

Engine Brake: Engine brake, plus exhaust pressure governor (for HE/Export)

Fan Drive: Electronic modulating viscous fan drive

Air System: Meritor®/Wabco 636 (37.4 cfm) w/o clutch

Starter: 24 Volt

Alternator: High output, 24V alternator

DRIVELINE/TRANSMISSION

Driveline: Meritor® Permalube RPL

Transmission: Allison® 4500 Gen5 with prognostics, 6-speed

Brakes: Meritor® EX+ air disc brakes front, Meritor-Cam 16.5"x7" Q+ rear

ABS System: 6S/6M system

Front/rear Tires: 445/65R22.5 L Michelin® XZY3

Transfer Case: Fabco TC142

AXLES/SUSPENSION

Front Axle: Meritor® MX-810

Front Suspension: Taperleaf spring suspension (parabolic), axle-forward position

Rear Axle: P600/ProTec Series 50, 76,800 lb Meritor® 34836

Carrier Ratio: 6.14

Rear Suspension: Primaxx® Pax 792 high stability 76,800 lb

CAB/CHASSIS

Driver Seat (non-armored): Mack-air, high back, 1 chamber air lumbar

Passenger Seat (non-armored): Mack-air, high back, 1 chamber air lumbar

Mirrors (both sides): Aero black, heated/motorized, wide angle, w/o lamps

Spare Tire: Spare tire/carrier between dump body and cab

Left Side Fuel Capacity: 93 gal. (350 L), 26" aluminum d-shape

Right Side Fuel Capacity: N/A

CUSTOMIZED OPTIONS AVAILABLE TO MEET MISSION REQUIREMENTS

FOR MORE INFORMATION VISIT MACKDEFENSE.COM

Weights, dimensions and features are given for reference and may be modified according to the choice of certain options. Mack Defense, LLC, reserves the right to modify the above specifications without prior notification.

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