
MACK DEFENSE

FORESTRY



Tried and true platform.

Constructed with purpose. Prepared for anything. Our Granite® trucks are designed to match the demands of your jobsites. Because we didn't just build America, we built a reputation as the leaders in construction.

LEGENDARY POWERTRAINS

Mack® powertrains are the standard for performance and reliability across a wide range of applications.

BEST-IN-CLASS CHASSIS

The Mack Cornerstone™ chassis is designed and engineered for the rigors of vocational work and the job at hand—your job.

PURPOSE-BUILT CABS

Tough meets comfortable in Granite's cab. From mirrors to switches to seats, Granite is designed to keep drivers comfortable and get work done.

BY YOUR SIDE 24/7

Mack Connect, our uptime and productivity solution, brings technology and service professionals together for round-the-clock support.

LEGENDARY MP® ENGINES

Power is tuned for consistent speed and torque across the wide operating range required for hauling heavy construction loads in any condition.

MP®7

The updated 11-liter MP®7 engine drops 51 lbs. and gains up to 2.1% in fuel economy while offering up to 425 HP and 1,560 lb.-ft. of torque.

MP®8

Saving up to 2.5% in fuel and shedding 88 lbs. in weight, Mack's workhorse MP®8 engine offers up to 505 HP and 1,860 lb.-ft. of torque.

mDRIVE™ HD AUTOMATED MANUAL TRANSMISSION

Mack's mDRIVE HD automatically selects the best gear for the job—including 13- and 14-speed creeper gears and multi-speed reverse gears—to maximize fuel economy and reduce driver fatigue, all while weighing approximately 150 lbs. less than an automatic transmission.

32:1 Gear Ratio

The 14-speed has an extra-deep 32:1 gear ratio that allows for the low-speed creeping needed for controlled dumping.



mDRIVE HD Control Panel

ALL-NEW INTERIORS



CONTROL AT YOUR FINGERTIPS

New controls, steering wheel and instrument panel give drivers total confidence and control in the cockpit. An industry-first flat-bottom steering wheel allows more belly room and clearance for entry or exit. Automotive-inspired controls provide a familiar feel while the 5" digital display constantly monitors truck health and performance.

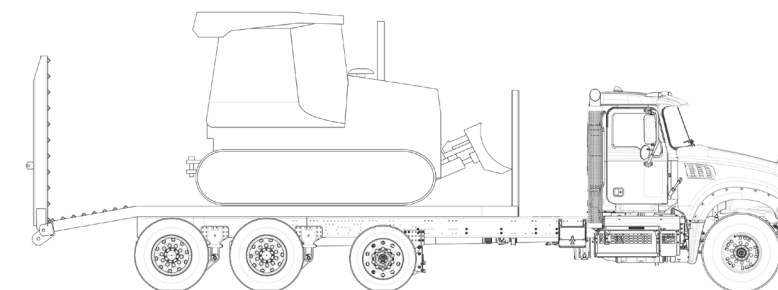


UNMATCHED COMFORT

A spacious cab and premium materials create an interior that's as comfortable as it is functional. Designed in partnership with Sears Seating, new, Mack-exclusive seats feature air suspension, an optional swivel base and more than 30 feature and fabric combinations.

Built for this.

Dozer Carrier Flatbed Truck



DOZER CARRIER FLATBED

The Wallace flatbed is heavy duty, commercial-grade, best-in-class and tough enough for any job.

- 15 TON CAPACITY BED
- 102" DECK WIDTH
- 18' TO 24' FLAT DECK LENGTH
- 4' BEAVER TAIL
- 8' X 3' HYDRAULIC RAMPS
- DUAL UNDERBODY MOUNTED LOCKABLE TOOLBOX
- LED STROBES AND WORK LIGHTS
- HEADACHE RACK WITH A 24" X 36" EXPANDED METAL WINDOW
- NFPA COMPLIANT (FLATBED)
- MEETS BRIDGE FORMULA LAWS FOR MOVEMENT WITHOUT PERMITS



The low flatbed height makes it possible to haul either a John Deere 650K or Caterpillar D5K2 (with Forestry Package) and be under 13'6".

Summary of options in each package:

ITEM	DESCRIPTION	PRICING	13-speed Automated	12-speed Automated	13-speed Manuel	Pusher Axle	Hydraulic Driven Front Axle	Axle Forward	Axle Back	Grade Assist	Recovery Assist	Extra Recovery Assist	Down Riggers	Winch
1	Chassis Option 1 Package 001	Pricing available upon request	x			x	x	x		o	o	o	x	x
2	Chassis Option 1 Package 002	Pricing available upon request	x			x	x		x	o	o	o	x	x
3	Chassis Option 1 Package 003	Pricing available upon request	x			x		x		o	o	o	x	x
4	Chassis Option 1 Package 004	Pricing available upon request	x			x			x	o	o	o	x	x
5	Chassis Option 1 Package 005	Pricing available upon request		x		x		x		o	o	o	o	o
6	Chassis Option 1 Package 006	Pricing available upon request		x		x			x	o	o	o	o	o
7	Chassis Option 1 Package 007	Pricing available upon request			x	x		x					o	o
8	Chassis Option 1 Package 008	Pricing available upon request			x	x			x				o	o
9	Chassis Option 2 Package 009	Pricing available upon request	x				x	x		o	o	o	o	o
10	Chassis Option 2 Package 010	Pricing available upon request	x				x		x	o	o	o	o	o
11	Chassis Option 2 Package 011	Pricing available upon request		x				x		o	o	o	o	o
12	Chassis Option 2 Package 012	Pricing available upon request		x					x	o	o	o	o	o
13	Chassis Option 2 Package 013	Pricing available upon request	x					x		o	o	o	o	o
14	Chassis Option 2 Package 014	Pricing available upon request	x						x	o	o	o	o	o
15	Chassis Option 2 Package 015	Pricing available upon request			x			x					o	o
16	Chassis Option 2 Package 016	Pricing available upon request			x				x				o	o

x - Standard o - Available option

OPTIONAL FEATURES	PRICING	WEIGHT
Grade Assist Transmission	Included at no cost with <i>mDrive</i> transmissions	
Recovery Assist Transmission	Included at no cost with <i>mDrive</i> transmissions	
Extra Recovery Assist Transmission	Included at no cost with <i>mDrive</i> transmissions	
18-speed Automated Manual Transmission	Mack Defense offers equivalent <i>mDrive</i> 13-speed	
Eaton 10-speed Automated Manual Transmission	Mack Defense offers equivalent <i>mDrive</i> 12-speed	
Eaton 18-speed Automated Manual Transmission	Mack Defense offers equivalent <i>mDrive</i> 13-speed	
14-speed Automated Manual Transmission	Mack Defense offers equivalent <i>mDrive</i> 13-speed	
Power Launch Rock Free	Included at no cost with <i>mDrive</i> transmissions	
Hydraulic Front Drive Axle	Not available with manual transmissions, only <i>mDrive</i>	1,020 lbs.
M-Ride Rear Spring Suspension	No cost option versus standard air suspension, 50" flatbed height	
Down Riggers	Pricing available upon request	1,200 lbs.
PTO Powered Bed Winch	Pricing available upon request	820 lbs.
Fairlead Roller	Included with winch price	
Cleats Full Length	Pricing available upon request	
Premium Package: High back lumbar driver and rider seats, painted fiberglass sunvisor, corrosion resistant oil pan, dual air horns, starting aid + block and oil pan heater, battery disconnect switch, Donaldson air filter	Pricing available upon request	
Bright Finish Package: Bright finish exhaust stack and shield, SCR and battery box cover, sunvisor, radiator guard and grille, fuel tanks, steps, air reservoirs, wheels	Pricing available upon request	
18' Bed Length	Base	
20' Bed Length	Pricing available upon request	
22' Bed Length	Pricing available upon request	
24' Bed Length	Pricing available upon request	

Mack Defense Forestry model features:



GALVANIZED STEEL CAB

Rugged and durable with wide-set airbags and shocks to handle rough rides.



STORAGE BOX

Toolbox provides safe, secure storage for valuable items while keeping them organized.



WORK READY DETAILS

Every detail in the new Granite interiors is optimized for vocational work. LED interior lights are durable and long-lasting. Robust rocker switches are laser etched to be readable for life. Details are everywhere like a non-slip electronics tray that charges devices securely, oversized cup holders and extra room for keys, devices and more.

WEIGHTS/DIMENSIONS

GVW: 8x6=79,000 lb or 6x4=66,000 lb

Wheel Configuration: 8x6 or 6x4

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

Wheelbase: 264" to 297"

Platform: Variable to match flatbed length

Overhang: Variable to match flatbed length

AXLES/SUSPENSION

Front Axle: Mack FXL20

Front Suspension: Mack MULTILEAF 20000

Rear Axle: Meritor® RT46-164EH

Carrier Ratio: 4.10

Rear Suspension: Pax 46 high stability Hendrickson Primaxx® Air

DRIVELINE/TRANSMISSION

Driveline: Meritor® Permalube RPL

Transmission: Mack TMD13AFD-HD *m*DRIVE HD 13 SP

Brakes: Meritor® "S" CAM TYPE 16.5"x6" Q+ front, Meritor CAM 16.5"x8 5/8" Q+ rear

ABS System: 6S/6M system

Front Tires: 425/65R22.5 L Bridgestone® M864

Rear Tires: 11R22.5 H Bridgestone M799

CAB/CHASSIS

Driver Seat: Mack-air, high back, 1 chamber air lumbar

Passenger Seat: Mack-air, high back, 1 chamber air lumbar

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

Spare Tire: None

Left Side Fuel Capacity: 111 gallon (420 L) left hand tank

Right Side Fuel Capacity: N/A

POWERTRAIN

Type: Mack 13 Liter, MP8-505M

Max Power: 505 HP

Max Torque: 1860 lb-ft

Engine Brake: MP8 Powerleash

Fan Drive: Electronic modulating viscous fan drive

Air System: Wabco 318 (18.7 CFM) Air Compressor

Starter: 12 Volt

Alternator: 12 Volt, 160 Amp

Customer Support

Parts

- ▶ Global Distribution Network
- ▶ Kit Options Available
- ▶ Options via DLA, GSA
- ▶ FleetPreferred Program
- ▶ Remanufacturing Options

Service

- ▶ Mack ASIST
- ▶ Global Dealer Network
- ▶ Diagnostic Tools
- ▶ Field Service Rep Options

Training

- ▶ Operator and Mechanics Training
- ▶ Special Application Training
- ▶ On-site at the Mack Customer Center, Allentown, PA USA
- ▶ Virtual Options Available



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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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