



DURABLE AND STYLISH NO WONDER IT'S ONE OF THE MOST POPULAR TRUCKS ON EARTH

The Mack® Granite® represents a milestone in vocational truck engineering. From its stronger frame specially designed for the harsh work of the jobsite to its powerful and fuel efficient MP™ engine, this truck delivers all the muscle you need. And with a cab that delivers unmatched comfort, the Mack Granite makes life easy behind the wheel to help you boost profits.















MACK BUILDS A FULL LINE OF GRANITE MODELS THAT ARE CUSTOM BUILT TO FIT YOUR SPECIFIC APPLICATION NEEDS.

DUMP MIXER TANDEM STEER MIXER ROLLOFF DUMP WITH LIFT AXLE REAR LOADER TRI-DRIVE TRACTOR SNOWPLOW FIVE AXLE DUMP

AERODYNAMIC DESIGN: The Mack Bulldog® sits low on Granite's sloped hood providing improved aerodynamics on the road and excellent visibility on the jobsite. And the larger radiator opening provides better cooling with less fan engagement.

DURABLE HEADLIGHTS: The LEXAN® headlight covers are impact resistant to handle the punishment of rocky jobsites and offer easy accessibility for replacing bulbs without a single tool.

THREE-PIECE BUMPER: Granite has a three-piece stylized front bumper that makes replacement easy and economical.

SPLASH SHIELDS: Hood splash shields keep the compartment clean extending component life, and they lift with the hood to create more room for technicians to work.

DURABLE HOOD: Hood isolators allow the hood to flex independently for increased durability over rough terrain.

GALVANIZED STEEL CAB: Granite's durable galvanized steel cab is mounted on airbags and shocks and stabilized with sway bars, so while the truck soaks up the rough stuff, the driver stays comfortable, rested and productive.

RUBBER-SEALED WINDSHIELD: A two-piece windshield is isolated in a rubber seal, which puts less stress on the windshield and makes it easier to replace.

COLLAPSIBLE MIRRORS: Collapsible mirrors fold in to eliminate door sheet metal damage in tight jobsite conditions. Heated, lighted and motorized mirrors are available.

EASY CAB ENTRY: Sculpted self-cleaning steps and a full-size grab bar provide an extra measure of safety getting in and out of the cab.





CAB MOUNTED EXHAUST: The exhaust is flush with the back of cab to provide 10 inches more room for body builders as compared to a stanchion-mounted exhaust.

UNDER CAB MOUNTED COMPONENTS: The air tanks and battery box are mounted under the cab and forward for easy access and body integration. A full selection of aluminum or steel fuel tanks are available up to 116 gallons.

"D" SHAPED FUEL TANK: Granite is available with this unique tank design that holds more fuel in the same space.

CAB AIR SPRINGS: Drivers can work more comfortably thanks to large, outboard-mounted air springs that provide cushioning, stability and reduced vibration.

HOOD SAFETY LATCH: The hood safety latch engages automatically and keeps the hood up, even in the windiest conditions. Disengage the latch by simply flipping it up before closing the hood.

LARGE PEEP WINDOW: The large peep window and visibility door provide exceptional views, and the quick release mechanism allows easy access for cleaning.

SUN VISOR: Stainless steel or painted sun visors are available.

FRONT FENDERS: Flexible hood-mounted fender extensions are positioned to protect the hood and control road splash.

AIR INTAKES: Granite features optional bright finish air intake vents.

A WELL-DESIGNED DASH IS WITHIN REACH

Sitting in the driver's seat of the Granite is a lot like sitting in a cockpit. The dash wraps around so all switches and controls are close to the driver. There's no stretching, so there's less fatigue. Lighting controls can be reached from the ground to facilitate pre-trip inspections. The standard instrument cluster has been enhanced to include integrated gauge warning lamps, an engine oil temperature gauge, a digital voltmeter and a water-in-fuel indicator. A large, easy-to-read, standard driver display features an odometer, maintenance indicator, hour meter, Sweet Spot indicator and an ambient temperature gauge to name a few.





GPS/REARVIEW CAMERA: The panel on the right of the dash layout is configurable with any number of options including optional GPS and rearview camera systems.

MACK RADIO: The Mack line of premium radios features optional hands-free Bluetooth® communication along with satellite radio and an auxiliary input for MP3 players.







CO-PILOT™: Granite features the Co-Pilot driver information display. Mounted high and centered in the dash for easy reading, this large display sets the industry standard. Drivers can easily toggle through a four-button steering-column stalk. This innovative display has 50 screens that provide real-time fuel economy and trip data, detailed maintenance and fault summaries, and supplemental sensor readings. Co-Pilot allows you to equip your truck with specialized features like Theft Deterrence, the Mack Fuel Economy Incentive Program and GuardDog™ Maintenance Monitoring System.

V-MAC® IV: Electronics offer both drivers and managers a way to boost productivity. The Mack Granite has our time-tested and road-proven Vehicle Management and Control System or V-MAC IV. This next-generation of advanced electronics gives you greater control of your costs and lets you monitor your truck and engine better than ever. In addition to over a hundred proven programmable features, V-MAC IV adds a host of new items, including ABS-based tamper detection, integrated starter protection and programmable daytime running light overrides. V-MAC IV electronics comes with DataMax™ an advanced trip recorder that captures vehicle trip histories, duty cycle information and scheduled maintenance intervals.

STEERING COLUMN: The steering column can be adjusted to an infinite amount of positions for maximum comfort, increased belly room and improved visibility of all gauges by simply pressing the quick-release foot pedal.

DASH FINISHES: The dash comes nicely appointed in three finishes: brushed nickel (opposite page), charcoal (at left) or woodgrain.

A TRUE SANCTUARY FOR DRIVERS

Granite has a spacious cab that defines comfort. Its ergonomic design gives drivers plenty of leg, belly and headroom. Air-suspended cab mountings protect drivers from harsh, rough roads. Getting in and out of the cab is nearly effortless thanks to the strategically placed steps and grab handles. And the interior is easy to clean — from the tough, paw-print signature floor mat to the beautiful dash.

SUPERIOR CAB LIGHTING: The Granite cab features best-in-class. four-point cab lighting that reduces dangerous glare and illuminates key spots in the cab.

LIGHTING CONTROLS: Lighting controls can be easily accessed to facilitate pre-trip inspections.

OVERHEAD STORAGE: The cab has plenty of convenient storage bins as the roomy overhead console is divided into three compartments with netting to better hold your belongings, and a center compartment ideal for mounting a CB radio.

STAY ORGANIZED: There's a place in this cab for all your stuff. Drivers will find a large dispatch box in the rear panel for more storage, as well as a specially designed peg to hang a trash bag. Large cup holders are easy to reach and positioned a safe distance from electronics in case of spills.





DRIVER SEAT: The air-suspension driver's seat is wide and comfortable, and easily adjusts to fit any body size.



COMFORTABLE PEDALS: The pedals on the Mack Granite are suspended above the cab floor with the accelerator and brake pedals mounted in-line to reduce operator effort while driving. The clutch pedal is available with air assist, lowering the pedal and greatly reducing driver effort. When combined with our new deep cab and strategically placed seat and steering column, drivers conserve energy and work more productively.

TRIM LEVELS

From the finish on the dash to the style of the steering wheel and a trio of optional trim levels, we worked hard to create an array of choices that fit your style.

CHAMPION PEDIGREE **PUREBRED** SLATE GRAY SANDSTONE SLATE GRAY SANDSTONE SLATE GRAY SANDSTONE FLAGSTONE ACCENT DIAMOND PLATE ACCENT



CHROME WITH A STITCHED LEATHER GRIP



BRUSHED NICKEL WITH A FIRM GRIP FEEL



CHARCOAL WITH A FIRM GRIP FEEL

RAWHIDE™ EDITION

Climb inside the Mack Granite Rawhide Edition and experience cab comforts designed to impress. The well-appointed cab combines a brushed nickel dash, a leather-grip steering wheel and two-tone Ultraleather™ seats with Rawhide Logo and bold stitching to create an envious work environment.

BUCKSKIN





DEEP COPPER





SLATE GRAY





OXBLOOD





RAWHIDE INTERIOR

- Ultraleather button-tuck trim in Deep Copper,
 Slate Gray, Vintage Oxblood or Classic Buckskin
- Leather-grip steering wheel with bright chrome spokes and brushed chrome Mack horn cap
- Premium brushed nickel dash with chrome gauge bezels
- Full gauge cluster
- Co-Pilot driver display
- Bostrom® LSO high-back seats in two-tone
 Ultraleather with Rawhide Logo and bold stitching
- Fixed high-back passenger seat with integral storage compartments
- Power windows and locks with bright-finish cover plate
- Bright-finish door handles
- Floor mat with polished, diamond-plate inserts



RAWHIDE EXTERIOR

- Bright-finish, dual-vertical stacks with seven-inch chrome Bullhorns
- Stainless steel, 13-inch-deep exterior sun visor
- Quad trumpet air horns with snow shields
- Bright-finish air intake grille
- Bright-finish grille surround
- Chrome bullet LED cab marker and clearance lamps
- Bulldog-stylized, heated, motorized and illuminated mirrors with integrated convex
- Stainless steel hood latches
- Stainless steel cab skirts
- Polished aluminum fuel tank
- Bright-finish fuel tank steps with three-inch-wide straps
- Polished aluminum air reservoirs
- Polished aluminum battery box cover
- Bright-finish heat shield for Mack Cap DPF
- Extended, stylized bright-finish steel bumper with stone guard
- Bright-finish grab handles

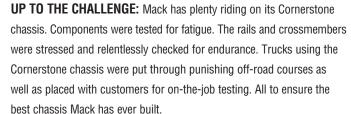


Every Mack Granite is built on the proven Cornerstone™ chassis that provides rock-solid performance, durability and reliability. Cornerstone's constant frame rail height and high strength steel alloy design creates stronger, lighter frames. It's higher off the ground for maximum ground clearance.

CHASSIS OPTIONS: With 14 available configurations, each chassis is built with application-specific crossmembers and comes in three frame rail thicknesses (8, 9.5 and 11.1 mm) with optional full or partial 5 mm inside channel reinforcements. For snowplow applications, 20-inch parent frame rail front extensions are available.

UNIMAX™ AXLES: UniMax steer axle hubs are sealed and maintenance free and require no servicing. The short distance from bumper to tire provides front-end swing clearance, outstanding wheel cuts and an exceptional turning radius.

DRIVELINE ANGLE OPTIMIZED: The driveline angle is optimized for longer component life and minimal vibration.



CENTRAL TIRE INFLATION SYSTEM: Soft sand or mud is always difficult terrain for a truck. Now, you can have the convenient, one-touch Central Tire Inflation system factory-installed by Mack. This system gives drivers quick and effortless control of tire pressure on the fly because you get better traction on soft ground as the tire footprint expands and ruts are shallow. Take your truck to places previously inaccessible and work more productively.

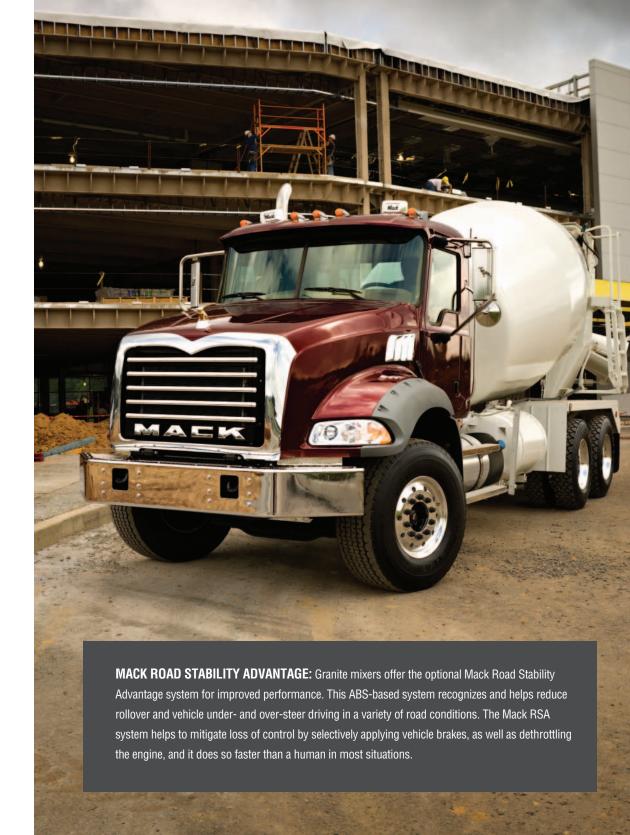
TURNS ON A DIME: The chassis is engineered to provide superior maneuvering in tight spaces. The sloped hood and big mirrors give drivers excellent visibility. The reinforced cab is extremely durable built to survive thousands of hours of punishment without losing its integrity. Drivers can work more comfortably thanks to large, outboardmounted air springs that provide cushioning, stability and reduced vibration. Optimal headlight placement and perimeter lighting give drivers the confidence to work in the most treacherous jobsites day or night.

BODYLINK™: The Granite features BodyLink wire harness connectors, conveniently located for quick and reliable body hookup. A dash-mounted lamp signal instantly indicates a dump body or load hopper that is not properly lowered. Granite offers maximum body compatibility while eliminating the high cost of relocating components.



AXLE CAPACITY OPTIONS: Camelback, Walking Beam or air suspensions are all offered with Granite to fit your specific applications. Front axles and suspensions are available from 12,000- to 23,000-lb. capacity. Rear axles and suspensions are offered from 38,000- to 65,000-lb. capacity.

CORNERSTONE CHASSIS



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THESE ENGINES ARE ALL MUSCLE

The MP Engine Series is the heartbeat of the Mack Granite. These highly fuel-efficient engines deliver plenty of horsepower plus great low-end torque to give you all the muscle you need to conquer the road. The MP7 engine has a horsepower range from 325 to 405 HP while the MP8 provides horsepower from 415 to 505 HP.

EASY SERVICING: The MP Engine Series features 300-hour or 16,000-mile oil drain intervals (whichever comes first) and provides convenient access points that make servicing a snap.

SINGLE OVERHEAD CAM: These state-of-the-art engines have a single overhead cam with ultra-high-pressure fuel injection.

VARIABLE GEOMETRY TURBOCHARGER: The electronically controlled Variable Geometry Turbocharger incorporates the latest technology to cool both the turbo and the actuator.

BUILT LIKE A MACK TRUCK: The MP Engine Series is designed with fewer parts, including one-piece steel pistons and stronger bearings and cylinder heads, giving operators a true powerplant that's built to last.

MAXICRUISE®

MAXIDYNE°		
ENGINE	HP	
MP7	325M	
MP7	365M	
MP7	405M	
MP8	425M	
MP8	455M	
MP8	505M	

ENGINE TORQUE LEVELS
MP7: 1,200–1,480 lb.-ft.
MP8: 1,540–1,760 lb.-ft.

MP7 345C
MP7 365C
MP7 395C
MP8 415C
MP8 445C
MP8 505C
ENGINE TORQUE LEVELS
MP7: 1,350-1,560 lb.-ft.
MP8: 1,560-1,760 lb.-ft.

ENGINEERED TO FIT HOW YOU WORK: The MaxiCruise and Maxidyne engine families are best suited for vocational applications. The MaxiCruise engine performs best on rolling interstates and in on- and off-road applications. The Maxidyne engine provides power for high-performance, severe-duty conditions, especially in off-road applications.



MACK CLEARTECH™ SCR SYSTEM: Mack remains at the forefront of engine development, incorporating selective catalytic reduction (SCR) technology into our



MP engine platform for 2010. The Mack ClearTech SCR System creates clean-running engines that boast near-zero emissions (without the use of emissions credits) and even better fuel efficiency. Already used successfully in hundreds of thousands of trucks around the world, SCR is a proven, reliable approach.

MACK POWERLEASH: The Mack PowerLeash™ engine brake provides more braking horsepower through mid-RPM ranges, and weighs 50 pounds less than other engine brakes. It is fully integrated with the MP Engine Series, and with better braking over the entire speed range, PowerLeash delivers the most retarding horsepower ever in a Mack engine brake. Drivers will immediately notice the near-instantaneous engine braking, giving drivers confidence behind the wheel. For trucks with automated transmissions, the quick response also enhances downshifting performance.

INTEGRATED POWERTRAINS: Mack is the only truck manufacturer offering the benefits of integration and single-source accountability for the engine, transmission and chassis, giving you not only the industry's best-built transmission, but also peace of mind knowing all Mack transmissions are engineered to work in concert with the engine to create powerful, reliable powertrains.



ENGINE: MACK MP7 OR MP8

Horsepower and Torque

MP8 – 13 Liter With 415 To 505 HP And Torque Ratings From 1,540 To 1,760 ft.-lbs.

MP7 - 11 Liter With 325 To 405 HP And Torque Ratings From 1.200 To 1.560 ft.-lbs.

Mack PowerLeash Engine Brake – (MP7 – 420 HP At 2,100 RPM / MP8 – 425 HP At 2,100 RPM)

REPTO (Rear Engine Power Takeoff) - SAE 1350

V-MAC IV - Total Vehicle Electronics

Air Compressor - 18.5 cfm / 37.4 cfm

Mack Coolant Conditioner

ClearTech SCR - Available Horizontal or Back-Of-Cab

Diesel Particulate Filter – Mack Cap (Passenger Side Under Step)

Single Or Dual Vertical Exhaust

Silicone Engine Hoses And Tubing

Poly-V Fan Belt With Automatic Tensioner

Fan Drive, Electronically Modulated Multi-Speed Viscous / On-Off

Flywheel Housing – Aluminum (Lightweight)

Radiator – Aluminum Core

Electronic Starter Interlock

TRANSMISSIONS

Clutch – Self And Manual Adjusting Mechanical Cable – Standard

Mack T309 Maxitorque ES Shift Triple-Counter Shaft

Mack T318LR Maxitorque ES Shift Triple-Counter Shaft

Air Operated Clutch Assist Pedal – Optional

Transmission Bell Housing - Aluminum Or Iron

PTO (Power Takeoff) Up To Six Openings, SAE 6 + 8

Tro (Fower rancon) op 10 dix openings, drie o 1 d		
Transmissions*		
Mack TM308 Maxitorque ES Shift Triple-Counter Shaft	8 Speed	17.77 / 0.71 Ratio (Low/High)
Mack TM308M Maxitorque ES Shift Triple-Counter Shaft	8 Speed	17.77 / 0.71 Ratio (Low/High)
Mack TM309 Maxitorque ES Shift Triple-Counter Shaft	9 Speed	25.21 / 0.71 Ratio (Low/High)
Mack TM309M Maxitorque ES Shift Triple-Counter Shaft	9 Speed	25.21 / 0.71 Ratio (Low/High)

Mack T309(LR) Maxitorque ES Shift Triple-Counter Shaft 13.93 / 0.71 Ratio (Low/High) 9 Speed Mack T310 Maxitorque ES Shift Triple-Counter Shaft 13.81 / 0.73 Ratio (Low/High) 10 Speed Mack T310M Maxitorque ES Shift Triple-Counter Shaft 10 Speed 17.35 / 0.73 Ratio (Low/High) Mack T310ME Maxitorque ES Shift Triple-Counter Shaft 10 Speed 17.35 / 0.73 Ratio (Low/High) Mack T310MLR Maxitorque ES Shift Triple-Counter Shaft 27.31 / 0.71 Ratio (Low/High) 10 Speed Mack T313 Maxitorque ES Shift Triple-Counter Shaft 13 Speed 13.44 / 0.74 Ratio (Low/High) Mack T313LR Maxitorque ES Shift Triple-Counter Shaft 16.42 / 0.71 Ratio (Low/High) 13 Speed Mack T318 Maxitorque ES Shift Triple-Counter Shaft 13.44 / 0.71 Ratio (Low/High) 18 Speed

9 Speed

18 Speed

11.40 / 0.71 Ratio (Low/High)

16.42 / 0.71 Ratio (Low/High)

Allison – EVS Or RDS 3.51 / 0.74 Ratio (Low/High) 5 Speed Allison – EVS Or RDS 6 Speed 3.51 / 0.74 Ratio (Low/High) Eaton® Fuller® RoadRanger Twin Counter Shaft 9 Speed 12.57 / 0.73 Ratio (Low/High) Eaton Fuller RoadRanger Twin Counter Shaft 12.69 / 0.74 Ratio (Low/High) 10 Speed Eaton Fuller RoadRanger Twin Counter Shaft 11 Speed 26.08 / 0.73 Ratio (Low/High)

Eaton Fuller RoadRanger Twin Counter Shaft 13 Speed 12.31 / 0.73 Ratio (Low/High) Eaton Fuller RoadRanger Twin Counter Shaft 13.31 / 0.79 Ratio (Low/High) 15 Speed Eaton Fuller RoadRanger Twin Counter Shaft 18 Speed 14.40 / 0.73 Ratio (Low/High)

*Other Supplier Transmissions Available

ELECTRICAL

12-Volt Electrical System

Battery Box - Steel With Molded Plastic Cover Mounted LH Rail

Courtesy Light Switch – Headlamp And Clearance

Daytime Running Lights

Electric Circuit Protection Package

Waterproof Electrical Connections

Headlights - Halogen Flush With Replaceable Bulbs

Step-Mounted LED Work Lights

AIR/BRAKE

Dual Air Brake System

Anti-Lock Brake System With Or Without Traction Control

Mack Road Stability Advantage System

CAB INTERIOR / EXTERIOR SPECIFICATIONS

Air Conditioner With Integral Heater And Replaceable Filter

Air Cleaner With Restriction Monitor

Cab Mounting - Four-Point System With Two Air Bags And Canted Shocks

Interior Lighting, 2 Lamps LH / 2 Lamps RH

Galvanized Steel Visibility Doors With Passenger Peep Window

Keyless Entry

Floor Mats - Polyurethane Mack Signature Pawprint

Grille - Silver Painted Or Bright Finish With Or Without Grille Surround

Hood And Fenders – Fiberglass, Camoplast

Fuel Tanks - "D" Shaped 22" and 26" Identification And Clearance Lights (5)

Co-Pilot Driver Display

Instrument Panel – Brushed Nickel, Woodgrain Or Charcoal

Exterior Mirrors - Bulldog Stylized Or Aerodynamic Mirrors Available Lighted / Heated / Motorized

Parking Brake On Indicator Light

Overhead Console, 3 Storage Compartments With Net Retainers

12-Volt Auxiliary Power Outlets (2) - Dash Mounted

AM/FM Stereo CD With Weather Band – Premium Radio Package Available

Driver Seat - Bostrom Talladega® 915 Mid-Back Air Suspension

Rider Seat - Mack Fixed Mid-Back Non-Suspension

Steering Column – Adjustable Tilt And Telescopic Rear Storage Pouch

Interior Sun Visor - Full Width

Exterior Sun Visor – Bright Finish Or Painted

Windshield - Safety Tinted 2-Piece

Safety Tinted Side And Rear Windows

Intermittent Windshield Wipers Paint - Custom Color Available For Cab. Chassis And Wheels

FRONT AXLE AND SUSPENSION

Mack UniMax Axles With Integrated Hub

12.000, 14.600, 18.000, 20.000 And 23.000 lb, Capacity

Hub Material – Ferrous Or Aluminum

Inbound Cast Or Outbound Cast Centrifuse

Brakes - Meritor® "S" Cam Q-Plus With Or Without Dust Shields (16.5 x 6)

Slack Adjusters - Automatic

Suspension - Mack Taperleaf 12.000 - 23.000 lb.

Suspension - Mack Multileaf 12.000 - 23.000 lb.

Steering Gear

Power - 12,000, 12,600 Or 18,000 lb.

Heavy-Duty - 20,000 Or 23,000 lb.

REAR AXLE AND SUSPENSION

Rear Axle

Bogies - 38,000 - 65,000 lb. Capacity

Tri-Drive - 69,000 lb. Capacity

Special Order - 80,000 - 110,000 lb. Capacity

Top-Mounted Aluminum, Double Reduction

Power Divider Lockout

Hub Material – Ferrous Or Aluminum

Brakes - Meritor "S" Cam Q-Plus With Or Without Dust Shields (16.5 x 7)

Inbound Cast Or Outbound Cast Centrifuse

Slack Adjusters – Automatic

Mack Multileaf (Camelback), Hendrickson® Chalmers® RAYDAN®

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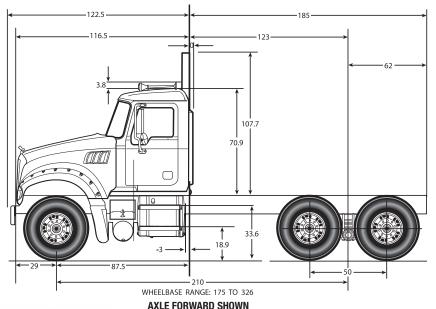


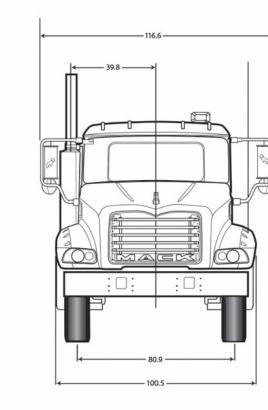
CHASSIS DIMENSIONS

21.3

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TRI-DRIVE SHOWN





ALL MEASUREMENTS IN INCHES.



FOR MORE INFORMATION, CALL 1-800-922-MACK (6225) OR VISIT MACKGRANITE.COM AND MACKTRUCKS.COM

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