

EZ-LINER

the Quality ^{is In} our Line.

**State of Missouri
RFB #3-150520TV**

Mack LEU 613

**Custom “Build-a-truck” Descriptive
Literature/Technical Data/Drawings**

Published Options

MO DOT optional cab and chassis items:

Option 25	Engine Brake – An engine supplemental braking system installed on the engine by the engine or chassis manufacturer to assist in controlling the speed of the striper on downhill grades	\$1,345 ⁰⁰
Option 26	Spare Tire and Wheel, Front Axle – A spare tire and wheel for the tire / wheel combination found on the front axle	\$575 ⁰⁰
Option 27	Spare Tire and Wheel, Rear Axle – A spare tire and wheel for the tire / wheel combination found on the rear axle	386 ⁰⁰
Option 28	Rear Backup Camera – A rear backup camera system which permits the driver of the truck to clearly see the environment directly behind the striper to supplement the trucks side mirrors while backing up the striper.	
Option 29	Dual Truck Chassis Steering Wheels – Steering wheels provided for both the typical driver's position as well as the far right passenger's position in the truck chassis cab. Both positions shall have full vehicle controls, including steering, gas, brake, turn signal control, vehicle speed readout and access to the slow speed cruise control operating controls.	STANDARD Feature Included in SPEC
Option 30	High Horsepower option for Truck Chassis – MSRP – Additional engine options with higher horsepower/torque above that specified in this bid	829 ⁰⁰ 345HP 1280 LB Torque 1100-1350 FT MAX
Option 31	Gear Reduction System for Truck Chassis – A form of providing a low range to the drive train of the truck, allowing the vehicle to travel at the specified highway speeds while deadheading and then permitting a low range during striping operations to permit the engine to operate in/or more closely to its peak horsepower/torque curves while traveling at 8-15mph.	NA
Option 32	Auxiliary Chassis Cab Air-Conditioning - Auxiliary, roof mounted, air-condition unit with a minimum cooling output of 25,000 BTU. The unit shall be self-contained with its own cooling compressor not driven by the vehicle engine.	STANDARD Included in SPEC
Option 33	Original Delivery – Transport. MoDOT may request original delivery be by transporting the truck if they opt to not have it driven under its own power from the manufacturer.	
Option 34	Technical Training – 8 hours of annual technical training including but not limited to major unit components such as engine, transmission, electrical, drive line, emissions, hydraulics and other areas of emphasis as defined by the MoDOT Representative. Bidder is responsible for all costs to include their travel, meals, room, and expenses associated with the training and educational materials for a maximum number of 30 trainees per location.	1 time new truck training on delivery of truck \$1,000 ⁰⁰
Option 35	Additional Technical Training - Cost per hour for additional training. This option will be used when it is determined that 8 hours (Option 34) is not adequate training. These additional training hours will occur at the same location as the 8 hour training on a preceding or following day to the 8 hour training course. Travel expenses are covered in Option 34.	\$200 ⁰⁰ /hr

5. Revised Pricing Page

Striper with Separate Cab/Chassis Pricing

Item # 1 Striper equipment, meeting the attached MoDOT specification, **NET DELIVERED PRICE**

STRIPER MAKE/MODEL: _____

STRIPER PRICE \$ _____

TWO YEAR ADDITIONAL WARRANTY: PRICE \$ 3,600⁰⁰

WARRANTY COVERAGE: Min. 3 year 300,000

Engine plan 3000⁰⁰ Exhaust 600⁰⁰

PETERBILT CAB/CHASSIS MODEL: _____

PETERBILT PRICE \$ _____

MAC CAB/CHASSIS MODEL: 2016 LEU 613

MAC PRICE \$ 130,373²²

AUTOCAR CAB/CHASSIS MODEL: _____

AUTOCAR PRICE \$ _____

Please submit a complete list of any additional parts and/or options (not listed in the following pages of Striper Options/Additional Vendor Options) with detailed pricing information for the striper unit priced above. Indicate below the percent (%) discount off Manufacturers' Suggested Retail Prices (MSRP) for all striper equipment options available in your data book or pricing guides (that are not included in Striper Options/Additional Vendor Options).

% discount off MSRP for Data Book or Pricing Guide Options: - % Discount _____

Delivery will be made _____ days after receipt of order.

STANDARD TRUCK WARRANTY CERTIFICATE



Mack Trucks, Inc. warrants certain individual components of the new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods as specified, provided all Mack Trucks, Inc.'s maintenance and inspection requirements found in the Operator's Manuals and service manuals/instructions are followed. All warranty periods are calculated from date in service. All coverage is 100% for parts and labor except as noted.

**LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE REVERSE SIDE OF THIS CERTIFICATE.
THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.**

This warranty applies to **Model Year 2014** and newer CHU, CXU, GU, LEU, MRU and TD models manufactured by Mack Trucks, Inc. with **EPA2010 (and newer) Engine Emissions** operated in the United States and Canada. Specific coverage is based on the application and weight class as described in the following chart:

	Standard NORMAL DUTY	Standard HEAVY DUTY	Standard SEVERE DUTY
Typical Vocations	Line / Long Haul, Short Haul, or Pickup & Delivery	Heavy Line Haul, Construction, Refuse, Fire or Rescue Service	Heavy Construction, Heavy Refuse, Off- Road, Heavy Haul, Mining, Logging, or Oil Field
Weight Class Qualifications	<i>Vehicle must have</i> GVWR ≤ 63,000 lbs. (≤ 28 metric tons) <i>or</i> GCWR ≤ 110,000 lbs. (≤ 50 mt.)	<i>Vehicle must have</i> GVWR ≤ 80,000 lbs. (≤ 36 mt.) <i>or</i> GCWR ≤ 143,000 lbs. (≤ 65 mt.)	<i>Vehicle must have</i> GAWR > 46,000 lbs. (> 21 mt.) <i>or</i> GVWR > 80,000 lbs. (> 36 mt.) <i>or</i> GCWR > 143,000 lbs. (> 65 mt.)
Basic Coverage	12 months <i>or</i> 100,000 miles (161,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)
Chassis Towing	Towing/Road Service coverage is limited to 90 days or 5,000 miles, whichever occurs first		Not Applicable
Air Conditioning	Air conditioning (sealed system only) is covered for 12 months with no mileage limitation.		
Engine / Emission	Not covered under this warranty certificate. See respective engine manufacturer's warranty certificate and paragraph 14 on the reverse side.		
Transmission, Driveline, Rear Axle, Front Non-Drive Steer Axle	36 months <i>or</i> 350,000 miles (563,000 kilometers) Covered Components are as follows: • Manual Transmission–Transmission assembly • Rear Axle–Differential carrier assembly & axle housing • Front Non-Drive Steer Axle–Axle beam, steering knuckle, & tie rod • Driveline–Bearings, hangers & shafts		12 months <i>or</i> 100,000 miles (161,000 km)
	Allison Automatic Transmissions are not covered under this warranty certificate. See paragraph 15 on the reverse side.		
Mack Carrier & Axle Housing	60 months <i>or</i> 500,000 miles (805,000 km)	36 months <i>or</i> 300,000 miles (483,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)
Mack T300 Transmission	60 months <i>or</i> 750,000 miles (1,207,000 km)	36 months <i>or</i> 400,000 miles (644,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)
mDrive Transmission	Engine Torque ≤ 1760 ft/lb: 60 months <i>or</i> 750,000 miles (1,207,000 km) Engine Torque > 1760 ft/lb: 36 months <i>or</i> 500,000 miles (805,000 km)	36 months <i>or</i> 250,000 miles (402,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)
mDrive Clutch	36 months <i>or</i> 300,000 miles (480,000 km)	36 months <i>or</i> 250,000 miles (402,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)
mDrive & T300 Towing	Towing and Roadside Assistance on warrantable failures are covered for 24 months or 250,000 miles whichever occurs first		Not Applicable
Trunnion Bracket	36 months <i>or</i> 300,000 miles (483,000 km) Limited to Trunnion Bracket & Spindle, Suspension Trunnion (Except Bushings)		12 months <i>or</i> 100,000 miles (161,000 km) (same restrictions as Normal & Heavy)
Cab Structure	60 months <i>or</i> 500,000 miles (805,000 km)	24 months <i>or</i> 200,000 miles (322,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)
Internal Cab Corrosion	60 months <i>or</i> 500,000 miles (805,000 km)	60 months <i>or</i> 500,000 miles (805,000 km)	60 months <i>or</i> 500,000 miles (805,000 km)
	Covered only where metal is perforated from the inside to the outside. See paragraph 14 on the reverse side.		
Frame Rail / Crossmembers	60 months <i>or</i> 500,000 miles (805,000 km) CHU/CXU Models Only: 72 months <i>or</i> 750,000 miles (1,207,000 km)	36 months <i>or</i> 300,000 miles (483,000 km) GU Model only: 60 months <i>or</i> 500,000 miles (805,000 km)	12 months <i>or</i> 100,000 miles (161,000 km)
Noise Emission	LIFE OF VEHICLE: Mack Trucks, Inc. warrants to the first purchaser of this vehicle for purposes other than resale, and to each subsequent purchaser, that this vehicle was designed, built and equipped to conform, at the time of sale to such first purchaser, with all applicable U.S. EPA noise control regulations. This warranty is not limited to any vehicle particular part, component, or system of the vehicle. Defects in the design, assembly or any part, component or system of the vehicle which at the time of sale to such first purchaser, caused noise emission levels to exceed Federal standards are covered by this warranty for the life of the vehicle. EXCLUSIONS: Failures which arise as a result of tampering rather than from defects in the design, assembly, or any part, components, or system of the vehicle are not covered by this warranty.		

Mack Trucks, Inc. reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

LIMITATIONS – Mack Trucks, Inc.'s obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Mack Trucks, Inc. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty repairs do not constitute an extension of the original warranty period for the vehicle or any part thereof. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the vehicle must be made available, in a timely fashion during the coverage period, for repair.

NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.

EXCLUSIONS:

1. **REPAIR:** Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the truck must be made available, in a timely fashion during the warranty period, for repair. Failures resulting from the user's unreasonable delay in making the truck available, after being notified of a potential product problem, are not covered.
2. **DAMAGES:** Damages due to accidents, misuse, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance services are not covered. Damages due to failure to follow Mack Trucks, Inc.'s recommended service procedures are considered damages due to improper maintenance services.
3. **APPLICATION:** The selling dealer is responsible for the correct application and/or specification for a vehicle sold to a customer. Vehicle application problems, including but not limited to, replacement of incorrect axle or transmission gear ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle for a purpose of which it was not intended are not covered.
4. **ENVIRONMENTAL DAMAGE:** Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been effected by exposure to the elements or chemical influence including, but not limited to road salts/chemicals, industrial fall-out or the use of improper cleaners, polishes, and or waxes are not covered.
5. **GLASS:** Glass breakage and scratches are not covered unless positive physical proof of manufacturing responsibility is established.
6. **SUSPENSION PARTS:** Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and all greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
7. **ALTERATIONS:** Any vehicle or vehicle system repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks, Inc.'s sole judgment, its stability, durability, or reliability, is not covered.
8. **OPTIONAL EQUIPMENT:** Any part of the truck that fails, malfunctions or does not perform as a result of improper conversion or installation of special bodies or equipment by other manufacturers or suppliers is not covered.
9. **MAINTENANCE AND PARTS CONSUMED ("Consumables"):** Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine injection pump / transmission / brakes / linkages, as well as diagnosis, test time and all other adjustments, are not covered. Parts which are normally consumed or worn out during the vehicle's usual service life and customarily replaced during usual maintenance service are not covered or have limited coverage. These parts include, but are not limited to, the following:
NOT COVERED - Brake linings, clutch brake, clutch linings, mud flaps and brackets.
COVERED FOR 30 DAYS - Fluorescent lights or ballast, light bulbs, fuses, wiper blades and all filters (oil, fuel, air, etc.).
COVERED FOR 90 DAYS - Loose fasteners, leaking fittings or hose clamps.
COVERED FOR 12 MONTHS, OR 100,000 MILES (161,000 KM), WHICHEVER OCCURS FIRST - Cab suspension on models used in heavy duty applications, batteries, frame paint, sealed light assemblies, exhaust flex pipe, hose clamps, all rubber/nylon bushings or mounts, flexible hoses, all belts, shock absorbers (leakage only), wheel seals, and all grease lubricated points (including non-serviceable tie rods ends, king-pins, u-joints, spring pins, drag links, and the like.)
10. **ALIGNMENT:** Alignment of axle(s) and balancing of tires, including changing of axle camber, caster, toe and thrust angle settings are not covered.
11. **NON-GENUINE PARTS:** Any vehicle which has been repaired by use of parts and accessories, as well as major assemblies and exchange units, which do not meet factory standards and which cause a vehicle component or system to fail are not covered.
12. **TIRES:** Tires are covered by separate warranties given by their respective manufacturers.
13. **CAB STRUCTURE AND CORROSION:** Cab structural defects or cab corrosion that occurs in areas of the cab that have been previously damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
14. **VENDOR ENGINES AND AUTOMATIC TRANSMISSIONS:** The vendor engines and Allison automatic transmissions used in Mack trucks are warranted by their respective manufacturers and not by Mack Trucks, Inc. Refer to the engine and transmission manufacturers' warranty statements.
15. **ODOMETER READING:** Any vehicle in which the odometer has been disconnected or the mileage reading has been altered and/or the actual mileage cannot be readily determined is not covered.
16. **ACCESS TO INFORMATION:** The user must allow Mack Trucks, Inc. full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
17. **PREMIUM LABOR:** Labor for overtime and/or shift differential is not covered.
18. **EXCESSIVE LABOR:** Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
19. **MISC. EXPENSE:** Meals, lodging, electronic messaging equipment, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, or driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
20. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Mack Trucks, Inc. are not covered. During a warrantable repair, additional time to remove any customer installed bodies, components, and accessories will not be covered under warranty. Mack Trucks, Inc. factory manufacturing records will be determinative as to factory installed components.
21. **APPLICATION CHANGE OR CHANGE OF OWNERSHIP:** If at any time during the term of the original warranty there is a change in the application of the vehicle or a change in ownership, the owner must notify Mack Trucks, Inc., Post Office Box 26259, Greensboro, NC 27409 in writing and within 30 days of date of the change. Failure to provide such timely notice may result in the warranty becoming null and void. If the change in ownership is accepted by Mack Trucks, Inc. and/or the change in application does not affect coverage, Mack Trucks, Inc. will transfer any remaining applicable portion of the warranty to the new owner or for the new application.

MACK®

Mack Trucks, Inc.
Post Office Box 26259
7825 National Service Road
Greensboro, North Carolina 27409



MACK[®] ENGINE PROTECTION PLANS



When it comes to your vehicle's uptime, we've got your back. Whether you choose to add protection for one or more components or customize your own plan, Mack Engine Protection Plans can help take the worry and hassle out of unforeseen repairs—saving you time and money.

We offer multiple options, allowing you to choose the length and extent of coverage that's right for your ride. For details on our Mack Engine Protection Plans please ask your authorized dealer.

- **Added protection.** Your truck is a long-term investment. Make sure you're protected for the long haul.
- **Reduced financial risk.** Let us worry about those unforeseen repair costs so you can concentrate on what's really important—making money.
- **Protection against future cost increases.** Lock in today's labor rates and parts prices.
- **Enhanced resale value.** Most plans are transferable, adding value to your truck. Your local Mack dealer can provide more details.
- **Keeps you on the road.** Your Engine Protection Plan is accepted at all Mack dealers in the U.S. and Canada—no exceptions.
- **Customized solutions.** With flexible options and multiple choices, if one of our Engine Protection Plan options isn't just right, we'll customize a plan for you!
- **Have an uptime ally.** Mack's suite of award-winning Uptime Services will help keep you on the road. GuardDog[®] Connect gives real-time truck diagnostic alerts, often before a breakdown occurs. Mack ASIST provides real-time repair status and the ability to manage all service communications through a single tool. Both programs are supported by our 24/7 Mack OneCall[®] staff. All of these services are included with a Mack Engine Protection Plan. You'll have a fast, accurate and efficient repair that gets you back on the road in no time.

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MACK® ENGINE PROTECTION PLAN COMPARISON

ENGINE PLAN 1

Includes GuardDog® Connect

This basic protection plan covers such components as:

- Engine Control Module
- EGR System
- Engine Mounted Sensors
- Camshaft
- Coolant Pump
- Cylinder Block and Head
- Flywheel
- Tandem Pump
- Oil Pump
- Air Compressor
- Idler Pulley
- Fan Belt Tensioner Assembly & Bracket

ENGINE PLAN 2

Includes GuardDog® Connect

This protection plan covers all of the components from Engine Plan 1 and also includes additional components, such as:

- Turbocharger
- Injectors
- Main Engine Harness
- Injector Sleeves

EXHAUST AFTER-TREATMENT

ADD ON TO PLAN 1 OR 2

Maximize your uptime potential by adding on the Exhaust After-treatment Plan to either Engine Plan 1 or Engine Plan 2.

- After-treatment control module
- Sensors and harnesses
- DEF Pump and Tank Assembly
- DPF Assembly

* For additional information and a full list of covered components for the plans above, see the legal certificate.

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CHASSIS SPECIFICATIONS SUMMARY

May 22, 2015

2016 MACK LEU613

SELECT AN APPLICATION
STRAIGHT TRUCK WITHOUT TRAILER

Engine	MACK MP7-325M 325HP	Transmission	3000-RDS-6
		Clutch	
Front Axle	20,000# FXL20	Rear Axle	40,000# MT-40-14X4D Ratio 5.29
Suspension	20,000#	Suspension	40,000# mRIDE
Tires	Front: 315/80R22.5 Rear: 275/80R22.5	Wheels	22.5x9.0 STEEL DISC (10-HOLE) 22.5x8.25 STEEL DISC (10 HOLE)
Ratings	GVW: 60,000#	Fuel Tanks	LH: 50gal RH: 70gal
Fifth Wheel		Sleeper	

PRICING SUMMARY

	<u>List Price</u>
CHASSIS BASE	\$238,858.00
Factory Options	\$8,221.00
Allison Pricing	\$0.00
Freight	\$2,100.00
Less Additional Factory Rebate	
Sales Allowances	
TOTAL FACTORY	\$249,179.00
Locally Installed Options	\$0.00
Soft Products/Bulldog Protection Plans	\$0.00
TOTAL FACTORY & LOCAL	\$249,179.00
Less Customer Discount from List	\$118,481.08
SELLING PRICE (Excluding Taxes/Fees/Trade)	\$130,697.92
Less Trade Allowances per New Vehicle	\$0.00
QUOTED PRICE OR TRADE DIFFERENCE	\$130,697.92
Surcharge	\$0.00
Net FRET or Canadian GST Taxes	\$0.00
Tire Tax Credit (Municipal Only)	(\$324.70)
Sales/Usage Taxes	\$0.00
License/Title/Etc.	
Misc Fees not subject to FRET	
ACQUISITION COST (Include Trade if applies)	\$130,373.22
Less Down Payment	
BALANCE DUE Per Unit	\$130,373.22
PRICE (Total Order)	\$130,373.22
BALANCE DUE (Total Order)	\$130,373.22

Total Quantity: 1

Estimated Total Weight: 18,183#

Reference#: AHEF027916B

X _____
Prepared For: **Customer Signature** **Date**
EZ Liner
PO BOX 140
orange city, IA 51041
Phone: 712-737-4016
Fax: --

X _____
Presented By: **Dealer Signature** **Date**
Shawn Rohrich
Sheehan Mack Sales & Equipment Inc.
901 E. 60th Street North
Sioux Falls, South Dakota 57104-5130
(800) BUY-MACK
shawnr@sheehanmacksales.com



Prepared For:

EZ Liner
 PO BOX 140
 orange city, IA 51041
 (712) 737-4016

Presented By:

Sheehan Mack Sales & Equipment Inc.
 901 E. 60th Street North
 Sioux Falls, South Dakota 57104-5130
 (800) BUY-MACK
 shawnr@sheehanmacksales.com

May 22, 2015
 2016 LEU613
 Ref#: AHEF027916B

Description	Front Wt	Rear Wt.	List Price
ORDER/CUSTOMER/VEHICLE INFORMATION			
INITIAL REGISTRATION LOCATION, UNITED STATES, MISSOURI			
LANGUAGE, ENGLISH			
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08			
TYPE OF SERVICE, MUNICIPAL			
VEHICLE APPLICATION CLASS, HEAVY VOCATIONAL - Unlimited operation on concrete, asphalt, or maintained gravel/packed dirt with a maximum 3% grade; limited operation on unmaintained surfaces with maximum 5% grade; limited operation on concrete, asphalt, or maintained gravel/packed dirt with maximum 10% grade. (3 AXLES) 78,000 lbs (35,281 kg) MAX GVW. (4 AXLES) 80,000 lbs (36,288 kg) MAX GVW.			
CARRIER APPLICATION, NOT AVAILABLE			
VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER			
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION			
FILE STATUS, QUOTE			
PRICE BOOK LEVEL, 2016B PRICE BOOK LEVEL			
PRODUCT TYPE, PRODUCT TYPE - OL64R TRUCK			
PRODUCT CLASS, PRODUCT CLASS 29			
BACK OFFICE PROCESS, BACK OFFICE PROCESS			
BVS/WHEELBASE/PLATFORM			
CHASSIS (BASE MODEL), LEU603 6-WHEEL TRUCK	10978	6737	\$238,858.00
SPECIAL SALES PACKAGE, DUAL SIT DOWN DRIVE PACKAGE W/BOSTROM SEATS	300		\$1,839.00
FRAME RAILS, 13.375" x 3.25" x .375" (340 x 83 x 10mm) STEEL Section Modulus 23.49 cu in/RBM 2,818,800 in lbs per rail.			
WHEELBASE, 246" (6248 mm) WB 255" CA (6477 mm)			
PLATFORM, 322" LP (8179 mm) 67" AF (1694 mm) USED WITH 246" WB	112	30	\$249.00
ENGINE/TRANSMISSION/CLUTCH			
ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM			
TRANSMISSION, 6 SPEED AUTOMATIC, ALLISON 3000-RDS-6 (3.49/0.65)	-270	-67	(\$6,891.00)
RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS, W/PTO PROVISION INCLUDES TRANSMISSION COOLER, EXTERNAL OIL COOLER, INTERNAL FILTER, AND OIL LEVEL SENSOR NOTE: ON/OFF HIGHWAY 80,000 LBS GVW MAX ON/OFF HIGHWAY 80,000 LBS GCW MAX MIXER/REFUSE 62,000 LBS GVW MAX			
EXHAUST/EMISSIONS			
DPF, CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC			
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC PASSIVE REGEN			
DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH			
EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK PLAIN END PERF STACK DIFFUSER			

Description	Front Wt	Rear Wt	List Price
ENGINE EQUIPMENT			
PRE-CLEANER (DRY TYPE CLEANER)			
ALTERNATOR, LEECE NEVILLE 12V 200A	8		\$893.00
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE TERMINALS			
TO -34 DEGREES F (-37 DEGREES C)			
MACK COOLANT CONDITIONER			
COOLING PERFORMANCE, WITH AUXILIARY COOLING	78	-13	\$2,803.00
ENGINE BLOCK HEATER, 120V 1500 WATT ENGINE BLOCK HEATER			
FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE			
FLYWHEEL HOUSING, ALUMINUM			
FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)			
OIL PAN, OIL PAN			
STARTER, 12 VOLT DELCO MTHD 39			
TETHER DEVICE, PLASTIC COATED CABLE, MOUNTED FRONT OF EACH BATTERY BOX LENGTH TO ALLOW COVER TO SET ON GROUND			
CLUTCH/TRANS EQUIPMENT/DRIVELINES			
SYNTHETIC LUBRICANT - TRANSMISSION, TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS			
VOCATIONAL PACKAGE - ALLISON, ALLISON GEN 5 PACKAGE #183 (AG) REFUSE WITH AUTO NEUTRAL, TWO SELECTORS, W/O GEAR SPEED LIMITS BOTH SIDES			
W/O DRIVESHAFT GUARD			
DRIVELINE - MAIN, MERITOR 176 MXL "XTENDED LUBE"	4	19	\$22.00
DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"			
CAB (A thru G)			
AIR CONDITIONING, ROOF MOUNTED A/C AND INTEGRAL CAB HEATER DEFROSTER WITH SANDEN ROTARY COMPRESSOR	93		\$4,783.00
AIR CONDITIONING COMPRESSOR, SANDEN ROTARY			
AIR RESTRICTION MONITOR (INTAKE), GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)			
CAB CONFIGURATIONS, RH & LH SIT DOWN, DRIVING POSITION			
CAB LIFT/TILT, LOCATED IN STD LOCATION			
CERTIFIED WEIGHT			
ENGINE RUNNING ACTIVATED			
"LE" LH & RH ROLL-UP WINDOWS; FRT HINGED DOORS			
ENGINE SHUTOFF, KEY TYPE			
GAUGES, ENGLISH DISPLAY			
GAUGE, ELECTRONIC SPEEDOMETER/ODOMETER PROXIMITY PICK-UP, AND MAGNETIC SENSOR			
GAUGE, TACHOMETER			
TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT			
GEAR SHIFT, WITH NEUTRAL-TO-RANGE INHIBIT			
GLASS - CAB WINDOW, TINTED WINDSHIELD SIDE AND REAR WINDOWS			
GRILLE, STANDARD FINISH			

Description	Front Wt	Rear Wt	List Price
CAB (H thru R)			
HORN - AIR, (1) TWIN-UNDER CAB TRUMPET W/DUAL LANYARD CONTROL			
HORN - ELECTRIC, DUAL TONE (TWO HORNS)	1		\$7.00
CHASSIS KEYED AT RANDOM - 2 KEYS			
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH 8.0" DIA. MOUNTED BELOW LOWER ARM OF WEST COAST MIRROR	2		\$40.00
MIRRORS - PROXIMITY, RECTANGULAR CONVEX ABOVE RH & LH DOOR			\$93.00
AM/FM STEREO CD W/WEATHERBAND			
RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE			
REAR WINDOW (FIXED TYPE)			
CAB (S thru Z)			
SEAT - DRIVER, (2) BOSTROM TALLADEGA 910 (MID-BACK) AIR SUSPENSION			
SEAT - RIDER, OMIT RIDER SEAT			
SEAT COVERING, ALL CLOTH, BLACK, DRIVER SEATS			
LAP & SHOULDER BELTS FOR (2) DRIVER SEATS, TO BE ORANGE IN COLOR			
DRIVER'S SEAT ONLY			
TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS			
VENTILATION - CAB, FURNISH LH & RH DOOR VENTS			
WINDSHIELD PROTECTOR, FURNISH	15		
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE			
FRAME EQUIPMENT/FUEL TANKS			
BUMPER - FRONT, PAINTED STEEL FLUSH MTD 59"/1488 mm BBC (CORP 94" x 15.5")			
CROSSMEMBERS, STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW RAIL, 1ST XMBR BOC RR 38.17" FROM AL LINE			
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE	16	-74	(\$51.00)
FRAME RAIL CLEARANCE, RIGHT-HAND			
TOWING DEVICE - FRONT, TOW PIN			
TOWING DEVICE - REAR, W/O REAR TOWING DEVICE			
FUEL TANK - LH, 50 GALLON (190 L) STEEL, 26"x24" DIAMETER STEEL	45	58	\$1,234.00
FUEL TANK - RH, 70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR 6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD			
FUEL DRAW/RETURN SYSTEM, AEROQUIP FIRE RESISTANT FOR BOTH FUEL TANK(S) INCLUDES SUMP			\$136.00
RELOCATE FUEL TANK, LOCATE RH TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL			
FRONT AXLE/EQUIPMENT/TIRES			
FRONT AXLES, 20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS			
TIRES BRAND/TYPE - FRONT, MICHELIN - TUBELESS RADIAL PLY, (2) 315/80R22.5 20 L XZUS2 (ALL POSITION)	4		\$680.00
WHEELS - FRONT, STEEL DISC (10-HOLE)			

Description	Front Wt	Rear Wt	List Price
(2) 22.5x9.0 (228 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC)(FIVE HAND HOLE)(6.42" INSET)	86		(\$296.00)
BRAKES - FRONT, BENDIX ES165-06D, 16.5" x 6" CAST SPIDER			
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED			
DUST SHIELDS - FRONT BRAKE, OMIT			
HUBS - FRONT, FERROUS			
SHOCK ABSORBERS, FRONT			
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC			
SPRINGS - FRONT, MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING			
STATIC LOAD CUSHIONS			
STEERING, M100P PLUS RIGHT SIDE ASSIST CYLINDER			
WHEEL LUGWRENCH (INCLUDES HANDLE)	5		\$93.00
REAR AXLE/EQUIPMENT/TIRES/RATIOS			
REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR MT-40-14X4D		-162	\$2,241.00
HYPOID (LOW ENTRY), MT-40-14XD MACK mRIDE 40 PARABOLIC 2-LEAF, 40000# NORMAL STIFFNESS			
4S/4M SYSTEM REAR WHEEL END SENSORS			
TIRES BRAND/TYPE - REAR, MICHELIN - TUBELESS RADIAL PLY, (8) 275/80R22.5 14 G XZE2 (TRACTION)		-64	\$1,288.00
CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 5.29 RATIO			
WHEELS - REAR, STEEL DISC (10 HOLE)			
(8) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC)(TWO HAND HOLE)		200	(\$1,028.00)
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER			
BRAKE DIAPHRAGMS, W/O BRAKE DIAPHRAGM OPTION			
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED			
DUST SHIELDS - REAR BRAKE, OMIT			
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT			
PREMIUM HUB OIL REAR SEAL			
POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)		40	
HIGH MOUNT REAR BRAKE CHAMBERS (REAR REAR AXLE ONLY)			
SHOCK ABSORBERS - (4), OUTBOARD MOUNTED ON FORWARD AND REAR AXLES EACH SIDE			
W/O SHOCK INSULATORS			
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC			
SUSPENSION - AXLE SPACING, 54" AXLE SPACING (BOGIE WHEELBASE) W/O ANTI-SPRINGS			
SPRING BRAKE CHAMBERS - QUANTITY, (4) CHAMBERS			
SPRING BRAKE CHAMBERS - VENDOR, HALDEX			(\$102.00)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE			
V-ROD FOR mRIDE SUSPENSION			
AIR/BRAKE			
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1800 W/COALESCING			

Description	Front Wt	Rear Wt	List Price
OIL FILTER AIR RESERVOIRS, STEEL ANTI-LOCK BRAKE SYSTEM, BENDIX ABS AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE DRAIN VALVES, AUTOMATIC DRAIN VALVE, HEATED ON SUPPLY TANK, MANUAL (PETCOCK) ON ALL OTHER TANKS			
ELECTRICAL			
BACK-UP ALARM, ECCO BACK-UP ALARM SA917 (AMBIENT NOISE SENSITIVE) 87-112 db		2	\$188.00
BATTERY BOX(es), STEEL BASE BATTERY BOX COVERS, MOLDED PLASTIC BATTERY BOX - MOUNTING, SINGLE BOX 3 BATTERY MAX. PERP TO FRAME 11" FROM NTOF FLAMING RIVER BIG SWITCH WIRED ON POSITIVE SIDE BATTERY SWITCH WARNING LIGHT, FURNISH ON OR NEAR BATTERY BOX (LIGHT ON IN RUN POSITION) COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT ELECTRIC CIRCUIT PROTECTION PACKAGE, 12 VOLT W/CIRCUIT BREAKERS (HEADLAMP CIRCUIT: SAE TYPE I; ALL OTHER CIRCUITS SAE TYPE II) NEGATIVE GROUND SYSTEM WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING CONTROL LINK II REFUSE BODYBUILDER ELECTRICAL CONNECTION SYSTEM HEADLIGHTS, (2) SINGLE ROUND HALOGEN LAMPS REAR LIGHTING, OMIT TAIL LIGHTS W/O PWR TERMINAL-STROBE LIGHT OPTION			
PAINT			
PAINT - CAB EXTERIOR, SINGLE COLOR, PENNDOT YELLOW [PPG: 750206] PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE) PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT WITHOUT OPTIONAL SPOKE WHEEL PAINT PRE-FINISHED POWDER COAT WHITE PRE-FINISHED POWDER COAT WHITE			
PAINT PROCESS CODES			
SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X) CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X) SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X) W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X) W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)			
PTO/SPECIALTY/ADDITIONAL EQUIPMENT			

Description	Front Wt	Rear Wt	List Price
PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF HYDRAULIC PUMP, FURNISH PUMP MTG PROVISIONS - INCLUDE WIRING, SWITCHES, AND INDICATORS AS REQUIRED FURNISH TC421 FOR USE W/ALLISON 3000 SERIES TRANSMISSION W/O WORK BRAKE			
V-MAC IV PROGRAMMABLE PARAMETERS			
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph			
PEDAL ROAD SPEED LIMITER (MPH) 65 mph			
LGVLS FEATURE ACTIVATION Omit			
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph			
SOFT RSL Omit			
PDLO ENGAGED VLS FEATURE Furnish			
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm			
CRUISE CONTROL SETTINGS WITH ALLISON TRANS			
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph			
CRUISE CONTROL MIN SET SPEED (MPH) 15 mph			
CRUISE CONTROL AUTORESUME W/CLUTCH Omit			
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph			
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm			
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm			
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph			
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph			
IDLE LOGGING DELAY (MIN) 2			
Monthly Trip Summary			
PERIODIC TRIP HOUR OF DAY 0 (disable)			
PERIODIC TRIP DAY OF WEEK 0 (disable)			
PERIODIC TRIP DAY OF MONTH 1			
EHT MAX ENGINE SET SPEED (RPM)			
2100 rpm			
EHT MIN ENGINE SET SPEED (RPM) 700 rpm			
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph			
EHT RAMP RATE (RPM/Sec)			
EHT SINGLE SPEED CONTROL ACTIVATION Omit			
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm			
EHT JUMP-TO-MIN SET SPEED Omit			
EHT HOLD TO NEAREST RPM 50 rpm			
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm			
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm			
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish			
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit			
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish			
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish			
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish			
ALLOW FAN OVERRIDE WHEN PARKED Omit			
FAN ACTIVATION WITH PTO Omit			
GOVERNOR TYPE Min-Max Governor			

Description	Front Wt	Rear Wt	List Price
ENGINE HIGH IDLE SPEED IF STOPPED 0000			
ENGINE LOW IDLE SET SPEED (RPM) 700 rpm			
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit			
SMART IDLE FEATURE ACTIVATION Omit			
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10			
IDLE S/D ABS TAMPER CHECK Omit			
IDLE COOLDOWN FEATURE ACTIVATION Omit			
IDLE SHUTDOWN FEATURE ACTIVATION Omit			
IDLE SHUTDOWN TIME (MINS) 10			
IDLE SHUTDOWN WARNING TIME (SECS) 30			
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100			
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5			
IDLE S/D OVERRIDE W/EHT Omit			
IDLE S/D OVERRIDE W/PTO Furnish			
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish			
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20			
IDLE S/D CONTROL W/O Idle Shutdown			
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60			
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80			
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish			
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm			
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm			
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph			
PTO 1 RAMP RATE (RPM/Sec) 100			
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit			
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm			
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit			
PTO 1 JUMP-TO-MIN SET SPEED Omit			
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph			
PTO 1 HOLD TO NEAREST RPM 50 rpm			
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm			
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm			
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm			
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm			
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph			
PTO 2 RAMP RATE (RPM/Sec) 100			
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit			
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm			
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit			
PTO 2 JUMP-TO-MIN SET SPEED Omit			
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph			
PTO 2 HOLD TO NEAREST RPM 50 rpm			
PTO 2 ACCEL-DECEL BUMP-UP RPM			
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm			
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish			
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50			

Description	Front Wt	Rear Wt	List Price
DEALER INFORMATION			
ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10			
PILOT INSPECTION, WITHOUT PILOT INSPECTION			
STANDARD SHIPPING INSTRUCTIONS			\$2,100.00
MARKETING PROMOTION, NO FMV LEASE, TRADE BACK RESIDUAL OR			
TRADE IN WITH MACK PARTICIPATION			