

RESOLUTION No. 2024-09

**A RESOLUTION APPROVING THE OSCEOLA STREET DEPARTMENT TO ENTER INTO A CONTRACT WITH  
CADENCE BANK, EQUIPMENT FINANCE.**

WHEREAS; The City of Osceola Street Department needs a Front Loader; and

WHEREAS; the equipment was budgeted in the 2024 City of Osceola Budget; and

WHEREAS; Cadence Bank is offering to finance the 2025 Mack LRE 40 Yard New Way Front Loader; and

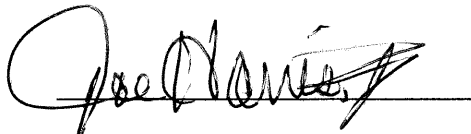
WHEREAS; Candence Bank will finance the total equipment cost of \$385,000 for a period of 24 months (2 years) at 5.78% fixed lease rate with a monthly payment of \$6,633.06; and

NOW THEREFORE, BE IT RESOLVED BY THE CITY OF OSCEOLA, ARKANSAS THAT

THE

Mayor is hereby authorized to allow the City of Osceola, Street Department to enter this Lease Contract with Cadence Bank in the purchase of the 2025 Mack LRE 40 Yard New Way Front Loader.

PASSED AND APPROVED THIS 02 DAY OF February, 2024.

  
\_\_\_\_\_  
Joe Harris Jr., Mayor

ATTEST

  
\_\_\_\_\_  
Jessica Griffin, City Clerk

# Quote

## Arkansas Municipal Equipment

14263 Highway 270 west  
 Poyen, Arkansas 72128  
 501 425 1567 \*\* danielzellison@yahoo.com \*\*

To: City of Osceola, Arkansas

Invoice#: quote25mack40y

Date: 1/17/24

AR Dealer # M 8116

Sorucewell Contract # 112014-NWY

Qty	Description	Each	Total
1.00	2025 Mack LRE	\$ 385,000.00	\$ 385,000.00
5yr	engin, def and transmission warranty	\$ -	\$ -
	LED lights		\$ -
	Easy low entry cab		\$ -
	Tilt steering		\$ -
	Camera system		\$ -
	Opt DVR upon customer request		\$ -
			\$ -
			\$ -
	24m lease with a buy back of \$265,000.00		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Buyer:		Date:	
			\$ -
			\$ -
Seller:		Date:	
			\$ -
		Subtotal	\$ 385,000.00
		Sales tax	
		Freight	
		Total	\$ 385,000.00

Daniel Ellison  
 Phone: 501 425 1567  
 Email: danielzellison@yahoo.com  
 www.ametrucks.com



## CADENCE EQUIPMENT FINANCE

**1/16/2024**

City of Osceola, AR [danielellison@yahoo.com](mailto:danielellison@yahoo.com)

It is a pleasure to submit for your consideration the following proposal to provide lease-purchase financing based on the terms and conditions set forth below:

1. Lessor: Cadence Equipment Finance, a  
division of Cadence Bank
2. Lessee: City of Osceola, AR
3. Equipment Description: One (1) New 2025 Mack LRE 40 Yard New Way  
Front Loader
4. Equipment Cost: \$385,000.00
5. Term: 24 months arrears
6. Lease Payments: (These are approximate payment amounts. The  
actual payment will be determined at funding  
date.)  
  
Pay off anytime without penalty  
  
24 monthly payments @ \$6,633.06 arrears  
with balloon payment of \$265,000.00 due 1  
month after final payment
7. Lease Rate: 5.78% fixed at closing
8. Funding Date: This proposal is contingent upon the equipment  
being delivered and the lease funded prior to \*  
**increase in the current prime rate of 8.50%.**  
Any extension of the funding or delivery date  
must be in writing.
9. Purchase Option: Title is passed to Lessee at lease expiration for  
no further consideration.

10. Non-appropriation/Termination: The lease provides that Lessee is to make reasonable efforts to obtain funds to satisfy the obligation in each fiscal year. However, the lease may be terminated without penalty in the event of non-appropriation. In such event, the Lessee agrees to provide an attorney's opinion confirming the events of non-appropriation and Lessee's exercise of diligence to obtain funds.
11. Bank Qualification: This lease-purchase financing shall be designated as a bank qualified tax-exempt transaction as per the 1986 Federal Tax Bill. **This means that the Lessee's governing body will pass a resolution stating that it does not anticipate issuing more than \$10 million in General Obligation debt or other debt falling under the Tax Bill's definition of qualifying debt during the calendar year that the lease is funded.**
12. Tax Status: This proposal is subject to the Lessee being qualified as a governmental entity or "political subdivision" within the meaning of Section 103(a) of the Internal Revenue Code of 1954 as amended, within the meaning of said Section. Lessee agrees to cooperate with Lessor in providing evidence as deemed necessary or desirable by Lessor to substantiate such tax status.
13. Net Lease: This will be a net lease transaction whereby maintenance, insurance, taxes (if applicable), compliance with laws and similar expenses shall be borne by Lessee.
14. Financial Statements: Complete and current financial statements must be submitted to Lessor for review and approval of Lessee creditworthiness.
15. Lease Documentation: This equipment lease-purchase package is subject to the mutual acceptance of lease-purchase documentation within a reasonable time period, otherwise payments will be subject to market change.

If the foregoing is acceptable, please so indicate by signing this letter in the space provided below and returning it to Cadence Equipment Finance. **The proposal is subject to approval by Cadence Equipment Finance's Credit Committee and to mutually acceptable terms, conditions and documentation.**

Acceptance of this proposal expires as the close of business on 2/16/2024. Extensions must be approved by the undersigned.

Any concerns or questions should be directed to Jonathan King at 228-223-4642 or [jonathan.king@cadencebank.com](mailto:jonathan.king@cadencebank.com).

**Jonathan King**

Jonathan King  
Municipal Sales

**ACKNOWLEDGMENT AND ACCEPTANCE**

By:

[REDACTED]

Date:

[REDACTED]



## ARKANSAS MUNICIPAL

Thank you for giving us this opportunity to provide a truck for your customers.

This unit is a 2025 MY Mack LR64 and is set up for a low entry commercial front end loader.

SCRANTON MANUFACTURING  
101 State St  
SCRANTON  
IA 51462-8422

12/22/2023

VANGUARD TRUCK CENTER OF ST. LOUIS  
1 VANGUARD WAY  
CAHOKIA HEIGHTS  
ILLINOIS 62206  
VANG2023000546D886  
LR 64R MACK SPEC  
Qty: 1

## MARK ROMAN

VANGUARD TRUCK CENTER OF ST. LOUIS



S	PB10H1	PRICE BOOK LEVEL	2025A Pricebook	0	0
	MPK1TK	CHASSIS CONFIGURATION PACKAGE	LH Battery Box, 6.6 Gallon (25L) LH DEF, Single LH Fuel Tank, Vertical BOC DPF/SCR	0	0
S	002GR2	CHASSIS (BASE MODEL)	LR 64R DAYCAB MACKSPEC	6,301	1,392
	MP2002	CUSTOMER FLEET SIZE	REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0
S	013001	TYPE OF SERVICE	COMMERCIAL	0	0
	M64015	INTENDED REGISTRATION LOCATION	IOWA	0	0
S	M98018	WARRANTY REGISTRATION LOCATION	USA - WARRANTY REGISTRATION LOCATION	0	0
	MBT01T	EMISSION WARRANTY CERTIFICATION	EPA (only) for Mack MP7 / MP8 Diesel	0	0
S	5050B5	INITIAL REGISTRATION LOCATION	USA REGISTRATION	0	0
S	APPA43	VEHICLE APPLICATION CLASS	CLASS B HIGHWAY-INNER CITY	0	0
	0050T5	VEHICLE USE & BODY/TRAILER TYPE	REFUSE AUTOMATIC SIDE LOADER TRUCK	0	0
	032A79	OPERATING TERRAIN GRADE CONDITIONS	ON HIGHWAY, STARTING GRADES<16%	0	0
	033A30	LOADING SURFACE FACTOR	GRAVEL LOADING AND / OR UNLOADING SURFACE	0	0
	0342A4	VEHICLE VOCATION	REFUSE / LANDFILL OPERATION	0	0
S	100400	ENGINE PACKAGE, COMBUSTION	MP7-355C MACK 355HP @ 1600-1800 RPM (PEAK) 2100 RPM (GOV) 1250 LB-FT, US'21	2,633	139
S	136206	TRANSMISSION	4500 RDS 6 SPEED ALLISON GEN 6 W/PROGNOSTICS, WITH PTO PROVISION	732	245
S	Z8FT1X	NOX LIMITS	CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance	0	0
	DF1021	DIESEL EXHAUST FLUID TANK	6.6 GALLON (25 L) 22" RH SIDE FRAME MOUNTED	131	67
	130AB7	EXHAUST	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXHAUST STACK PLAIN END PERF STACK DIFFUSER	0	0
	78ADBX	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2024	0	0
S	1250C5	AIR CLEANER	13" SINGLE ELEMENT, DRY TYPE W/SNORKEL BEHIND CAB, AIR RESTRICTION INDICATOR ON FILTER	0	0
S	H8XZ1X	WINTERFRONT	W/O BUG SCREEN/WINTER FRONT	-8	3

# TECHNICAL SPECIFICATION (cont.)



S	113093	AIR COMPRESSOR/DRYER	WABCO 1800P AIR DRYER W/O TURBO CUT OFF VALVE. W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR	0	0
	132AB8	ALTERNATOR	DELCO 12V 165A (36SI) BRUSHLESS W/ REMOTE VOLTAGE SENSING	27	0
S	316AA5	BATTERIES	(3) MACK 12V 760/2280 CCA THREADED STUD TYPE	9	3
S	393AD9	BATTERY BOX - MOUNTING (CA)	PERPENDICULAR TO FRAME 11" FROM NTOF (3 BATTERY MAX)	0	0
S	L5XA1X	BATTERY BOX COVER	MOLDED PLASTIC	0	0
S	318AA3	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE	0	0
S	NCXA5X	STARTER MOTOR	12 VOLT DELCO 39MT-MXT	31	0
	110AA5	ENGINE BRAKE	MACK MP7 POWERLEASH	36	5
S	118AB8	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	0	0
	119008	COOLANT PROTECTION	ETHYLENE GLYCOL EXTENDED LIFE COOLANT (50/50 MIX DYED ORANGE) TO -34DEG. W/ FILTER	0	0
S	508018	COOLING PERFORMANCE	W/O AUXILIARY COOLING	0	0
	124003	HOSES - RADIATOR HEATER	SILICONE W/ SPRING LOADED CLAMPS FOR BOTH RADIATOR & HEATER HOSE	3	0
S	293043	FUEL WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)	0	0
S	QHXC1X	OIL SUMP	OIL PAN	0	0
S	MCA04A	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)	0	0
	5NXA1X	ENGINE BLOCK HEATER	120V 1500W ENGINE BLOCK HEATER	5	0
S	4TBA1X	ENGINE BLOCK HEATER RECEPTACLE (CA)	ENGINE BLOCK HEATER RECEPTACLE, BASIC LOCATION	0	0

	MRP002	MINIMUM REQUIRED PROP SHAFT SIZE	MINIMUM REQUIRED FOR KAX PROP SHAFT, PROPS-M	0	0
S	195AB0	DRIVELINE - MAIN	MERITOR 18 MXL "XTENDED LUBE" (PROPS-L)	9	9
S	204AA5	DRIVELINE - INTERAXLE	MERITOR 17 MXL "XTENDED LUBE"	0	0
S	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT	0	0
S	7RXAEX	LUBRICANTS - TRANSMISSION	TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS	0	0
S	139008	TRANSMISSION OIL COOLER	ALLISON 4xxx SERIES TRANSMISSION W/DIRECT MOUNT COOLER & SS COOLANT TUBES	0	0

S	240AA3	FRONT AXLE	20000# (9100 KG) MACK FXL20 STRAIGHT SPINDLE/UNITIZED BEARINGS	0	0
	244AC3	SPRINGS - FRONT	MACK MULTILEAF 20000# (9100 KG) GROUND LOAD RATING. EQUAL BIAS	120	0
S	241081	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+	0	0
S	U0AA1X	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC	0	0
S	V7AB1X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, HALDEX	0	0
S	0KXA1X	HUB MATERIAL, FRONT	FERROUS	0	0
S	1KAA1X	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE	20	0
S	245AA6	STEERING	M100P PLUS RIGHT SIDE ASSIST CYLINDER	142	0
S	2SAA1X	BUMP STOP, FRONT SUSPENSION	STATIC LOAD CUSHIONS	0	0

# TECHNICAL SPECIFICATION (cont.)



	268AB7	REAR AXLE	46000# (20900kg) MERITOR RT46-160	0	1,709
	617003	DRIVE AXLE LUBRICANT	DRIVE AXLE LUBE: SHELL 75W90 SYNTHETIC OIL	0	0
	01800Y	CARRIER - REAR AXLE	VENDOR AXLES	0	0
S	3LAC1X	POWER DIVIDER LOCKOUT	INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40
	TAXJAX	REAR AXLE RATIO	4.56 RATIO	0	0
	186AC7	REAR SUSPENSION	MACK mRIDE 46 PARABOLIC 3-LEAF, 46,000 lb, STANDARD DUTY	0	1,674
	GWXDGX	BOGIE SPREAD, REAR	54" AXLE SPACING (BOGIE WHEELBASE)	0	0
	YVXA1X	REAR SHOCK ABSORBER	REAR SHOCK ABSORBER	0	27
	XYXZ1X	TRANSVERSE TORQUE RODS, R SUSP	WITHOUT TRANSVERSE TORQUE RODS	0	-66
	253AA7	BRAKES - REAR	MERITOR - CAM 16.5"x8 5/8" Q+ (Total for QTY = 2)	0	150
S	U4XA1X	BRAKE, DRIVE, REAR	CAST IRON	0	0
S	U1AA1X	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC	0	0
	V1AB1X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE	0	0
	N5FAFX	BRAKE ORI REAR-MOST DRIVE AXLE	DRUM BRAKE CHAMBER ORIENTATION: Middle Mount - Forward of Axle - Chamber Up	0	0
S	300AS0	PARKING BRAKE CHAMBER	HALDEX "GOLD SEAL PLUS" (3" STROKE) BRAKE CHAMBERS (Total for QTY = 2)	0	0
S	3GAA1X	BRAKE CHAMBER DIAPHRAGM MATERIAL (CA in PC28 only)	W/O BRAKE DIAPHRAGM OPTION	0	0
S	0LXI5X	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT	0	0
S	698058	ANTILOCK BRAKE SYSTEM	BENDIX WITHOUT TRACTION CONTROL 4S4M	0	0

	271210	WHEELBASE	210"	247	247
	374091	AF (OVERHANG)	91"	-59	294
	MCE0LE	FRAME RAILS & LINERS	9.5 x 82 x 340mm - (0.375" x 3.25" x 13.38")W/ Full Liner, RBM 3,122,400 LB-IN	0	0
S	A0XABX	FRONT FRAME LENGTH	FRONT FRAME LENGTH 1525MM	146	-19
S	281AI1	CROSSMEMBERS	STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL	0	0
	9DEC1X	AUX CROSSM. IN REAR OVERH TYPE	BACK TO BACK BOLTED TYPE CROSSMEMBERS	-15	58
S	Q5AA1X	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER	-11	60
	4DXB1X	FRONT BUMPER	FLUSH, PAINTED STEEL, STRAIGHT FOR CARRY CAN APPLICATION	3	0
S	5EXF1X	GUARD	SKID PLATE UNDER BUMPER AND RADIATOR	128	-8
S	4EXD1X	TOWING DEVICE, FRONT	CENTER TOW CAPABILITY BASED ON BUMPER SELECTION	0	0
	2RAA1X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	0	0
	268AH2	FUEL TANK - RH	80 GALLON (300 L) ALUMINUM, 26"x24" RECTANGULAR	69	69
	29CAA1	FUEL TANK - LH	W/O RH FUEL TANK	0	0
S	JHXC1X	FUEL HOSES, LIQUID	AEROQUIP FIRE RESISTANT HOSE	0	0
	HBXANX	FUEL TANK POSITION (CA in PC28 only)	LOCATE BEHIND LH RAIL- 5" BELOW TOP OF RAIL	0	0
	852022	FUEL FILLER NECK OPTIONS	FOR LH FUEL TANK	0	0

S	UWXA1X	AIR TANK DRAIN VALVE	AUTO DRAIN VALVE, HEATED ON SUPPLY TANK, MANUAL (PETCOCK) ON ALL OTHER TANKS	0	0
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# TECHNICAL SPECIFICATION (cont.)



S	U2XB1X	AIRTANK MATERIAL	STEEL AIR TANK PAINTED CHASSIS COLOR	0	0
	5RXZ1X	BACK-UP ALARM	WITHOUT BACK-UP ALARM	0	-2
S	312006	ROOF & SIDE MARKER LIGHTS	TRUCKLIGHT TYPE ROOF MARKER for LR	0	0
S	LJXB1X	HEADLAMP BULB TYPE	HEADLAMP BULB TYPE, LED	0	0
	5KAAAX	HEADLAMP PROTECTION	HEADLAMP PROTECTION	0	0
S	LSXH2X	DAYTIME RUNNING LIGHTS	ENGINE RUNNING ACTIVATED	0	0
	NEXC1X	TAIL LAMPS	INCANDESCENT TAIL LAMPS	0	5
S	M4XAAX	AUX. POWER OUTLET, INTERIOR (CA in PC28 only)	COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT	0	0
S	3BCB1X	FRONT & SIDE INDICATOR LMP TYP	FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE	3	0
S	4BAA1X	EXT. INDICATOR LMP, MAIN SWITCH (CA in PC28 only)	FURNISH ON OR NEAR BATTERY BOX (LIGHT ON IN RUN POSITION)	0	0
S	826086	HYDRAULIC PUMP	FURNISH PUMP MTG PROVISIONS - INCLUDE WIRING, SWITCHES, AND INDICATORS AS REQUIRED	49	0
S	183AA2	CRANKSHAFT ADAPTER	1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)	18	-2
S	L3XN1X	BODY BUILDER MODULE	ControlLink III BODY BUILDER EL PREP KIT, REFUSE, RP170 ELECT, INTERFACE (3 CON 54 PINS)	0	0
S	MCVZ1X	PASSIVE SAFETY SYSTEM	WITHOUT PASSIVE SAFETY SYSTEM	0	0
	4AXB1X	CLIMATE UNIT	MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONIDITIONER UNIT) W/R134a REFRIGERANT	93	0
S	173063	AIR CONDITIONING HEATER	(LR) MANUAL CONTROL CLIMATE UNIT	0	0
S	31XABX	FLOOR MATS	FLOOR MAT, RUBBER	0	0
S	E0AABX	GAUGE TRANSM. OIL TEMP	TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT	0	0
S	198048	SPEEDOMETER -& GAUGES - UNIT(S) OF MEASURE	U.S. UNITS (PREDOMINANT)	0	0
S	20XA1X	KEY TYPES FOR DOORS	BASIC UNIQUE KEY	0	0
S	1740D4	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH	0	0

# TECHNICAL SPECIFICATION (cont.)



S	73AD1X	ANTENNA - RADIO	RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE	0	0
S	1WAA1X	POWER LEADS	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) MOUNTED ON TOP OF DASH	0	0

S	19G09G	SEAT - DRIVER S	AIR-SEARS MID-BACK SEAT C-2 W/FABRIFORM CUSHIONS	0	0
	197097	SEAT - PASSENGER S	SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) AIR SUSPENSION	7	0
	4850C5	SEAT COVERING	FABRIFORM CLOTH, BLACK, DRIVER AND RIDER SEATS	0	0
	5920E2	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) ORANGE IN COLOR	0	0
	2WXTAX	STEERING WHEEL	DIAMETRE 406 MM STEERING WHEEL, RUBBER GRIP V1	0	0
	XRXB1X	STEERING WHEEL ADJUSTMENT	STEERING COLUMN, ADJUSTABLE TILT TELESCOPE	0	0
S	NPXB1X	TURN SIGNALS	SELF CANCELLING TURN SIGNALS	0	0
S	T2AA1X	WINDSHIELD PROTECTOR	FURNISH WINDSHIELD PROTECTOR	16	0

S	28XD1X	FRONT GRILLE	LR BLACK GRILLE WITH BLACK SURROUND	0	0
	14400P	CAB	LH DRIVE RH SIT DOWN, EXTENDED CAB VERSION	0	0
	424007	CAB DOOR OPTIONS	LH & RH FRONT HINGED DOORS W/POWER WINDOWS BOTH SIDES	0	0
S	2EXA1X	CAB TILT PUMP	LOCATED IN STD LOCATION	0	0
S	Q2AA1X	CAB INSTEP VERSION	Cab Low Entry Step	0	0
S	MCD01D	PASSENGER SIDE VISIBILITY OPTIONS	WITHOUT AUXILIARY WINDOW IN RH DOOR WITHOUT SIDE CLOSE VIEW MIRROR	0	0
S	154AB0	HORN - AIR	(1) TWIN-UNDER CAB TRUMPET W/DUAL LANYARD CONTROL	0	0
S	LXXD1X	HORN - ELECTRICAL	DUAL TONE	0	0
S	MCL0FL	MIRRORS - LEFT SIDE EXTERIOR	LH BLACK AERO MIRROR ELECTRICAL OPERATED & HEATED, W/ HEATED SQUARE BLACK CLOSE VIEW	0	0
S	MCR0CR	MIRRORS - RIGHT SIDE EXTERIOR	RH BLACK AERO MIRROR ELECTRICAL OPERATED & HEATED, W/ HEATED SQUARE BLACK CLOSE VIEW	0	0

	9004Y0	TIRES BRAND-TYPE - FRONT	315/80R22.5 L BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2)	336	0
	5312N1	WHEELS - FRONT	22.5x9.00 ACCURIDE 41730x POLISHED ALUMINUM, 7.00" OFFSET, 10 HAND HOLE (Total for QTY = 2)	120	0
	901AJ6	TIRES BRAND-TYPE - REAR	11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)	0	988
	3462J6	WHEELS - REAR	22.5x8.25 ACCURIDE ACCU-LITE 51487x WHITE POWDER COAT STEEL, 6.60" OFFSET, 5 HAND HOLE (Total for QTY = 8)	0	547
S	H1EB1X	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH	0	0

S	Y7CA1X	DIAGNOSTICS DISPLAY IN CLUSTER	DIAGNOSTICS DISPLAY IN CLUSTER - BASIC	0	0
S	M30060	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES	0	0

# TECHNICAL SPECIFICATION (cont.)



	2JCA1X	REMOTE DIAG SERVICES	REMOTE DIAGNOSTIC SERVICES, ENABLED	0	0
S	WOXA1X	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN	0	0
S	WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN	0	0
S	K5XA2X	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)	0	0
S	K7XY1X	ENGINE IDLE CONTROL	IDLE CONTROL, 600 RPM	0	0
S	XQABCX	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME	0	0
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED	0	0
	A3AAAX	IDLE SHUTDOWN	ENGINE IDLE SHUTDOWN, ENABLE	0	0
	E0XHAX	ENGINE IDLE SHUTDOWN TIME	IDLE SHUTDOWN TIME 20 MIN.	0	0
S	B1ACAX	IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME	0	0
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY	0	0
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN., WARM UP TIME DELAY	0	0
S	A6AABX	IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE	0	0
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT	0	0
S	D2AADX	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 10 DEG C, (50 DEG F)	0	0
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)	0	0
S	B3ABAX	EL HD THROTTLE, MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KM/H (10 MPH)	0	0
S	B6ACEX	EL HAND THROTTLE, MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM	0	0
S	B4ADAX	EL HAND THROTTLE, MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	0	0
S	B9AABX	EL HD THROTTLE, SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC	0	0
S	3IAZ1X	HILL START ASSIST	WITHOUT HILL START ASSIST	0	0
	7790Y9	TRANSMISSION ELECTRONICS PACKAGE	GENERAL REFUSE SERVICE (183)	0	0
	B1EB1X	TRANSM AUTO NEUTRAL ON P-BRAKE	ALLISON PARK BRAKE AUTO NEUTRAL-REQUIRES PARK BRAKE TO BE DISENGAGED PRIOR TO SELECTING A GEAR TO DR	0	0
	MAV0AV	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	FUELSENSE, FULL NEUTRAL AT STOP	0	0
S	JCXE6X	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER (65MPH)	0	0
S	Y3CC5X	PEDAL RSL SETTING	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)	0	0
S	JFXLLX	CRUISE CONTROL MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)	0	0
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)	0	0
	E5AAEX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 5 MPH. ABOVE SET SPEED	0	0
	L2CC1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 40KM/H (25MPH)	0	0
	Q6FZ1X	DIFF LOCK SPEED LIMIT	WITHOUT DIFFERENTIAL LOCK ROAD SPEED LIMIT	0	0

# TECHNICAL SPECIFICATION (cont.)



S	A4BAAX	DETECTION SPEED SENSOR TAMPERING	DETECTION OF SPEED SENSOR TAMPERING. ENABLE	0	0
S	8RXAEX	ENG TORQUE LIMIT, SPEED SENSOR	ENG TORQUE LIMITED TO 50%. IF SPEED SENSOR TAMPER DETECTED	0	0
S	G5AAHX	ENGINE OVERSPEED, ALL COND. LOG	ENGINE OVERSPEED. ALL CONDITIONS. TIME LOG IF ABOVE 2200 RPM	0	0
S	G2AAGX	ENGINE OVERSPEED FUELED, LOG	ENGINE OVERSPEED. FUELED. TIME LOG IF ABOVE 2100 RPM	0	0
S	G4AAUX	VEHICLE OVERSPEED, ALL COND. LOG	VEHICLE OVERSPEED, ALL COND. TIME LOG IF ABOVE 75MPH (121KMH)	0	0
S	G3AAPX	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED. FUELED. TIME LOG IF ABOVE 70MPH (113KMH)	0	0
S	G1AABX	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN	0	0
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG. DAY 1 OF THE MONTH	0	0
S	X5AB1X	VEHICLE APP SERVICE INTERVALS	SERVICE INTERVALS, VOCATIONAL APPLICATION	0	0
S	W8BAAX	SERVICE ALERT	WITH SERVICE ALERT	0	0
S	W5A90X	MAINTENANCE DUE ALERT %	ACTIVATE ALERT AT 90% OF THE TIME/DISTANCE SETTING	0	0

S	F3AAEX	PTO 1ST. SINGLE SPEED CONTROL RPM	PTO 1ST. SINGLE SPEED SETTING. 1000 RPM	0	0
S	F5AABX	PTO 1ST. MAX ROAD SPEED	1ST PTO. MAX ROAD SPEED. 10 MPH (16 KPH)	0	0
S	F6AABX	PTO 1ST. SPEED RAMP RATE	PTO 1ST. SPEED RAMP RATE 100 RPM/SEC	0	0
S	F7AAPX	PTO 1ST. MAX ENGINE SPEED	PTO 1ST. MAX ENGINE SPEED. 2100 RPM	0	0
S	F8AAGX	PTO 1ST. ROAD SPEED LIMIT	PTO 1ST. ROAD SPEED LIMIT. 97 KMH (60 MPH)	0	0
S	F9AABX	PTO 1ST. MINIMUM ENGINE SPEED	PTO 1ST. MINIMUM ENGINE SPEED. 600 RPM	0	0
S	L8CB1X	PTO1 DECEL BUMP-DOWN RPM	PTO1 DECEL "BUMP-DOWN" 50RPM	0	0
S	H6AAEX	PTO 2ND. SINGLE SPEED SETTING	PTO 2ND. SINGLE SPEED SETTING. 1000 RPM	0	0
S	H0AABX	PTO 2ND. MAX ROAD SPEED	2ND PTO. MAX ROAD SPEED. 10 MPH (16 KPH)	0	0
S	G9AABX	PTO 2ND. SPEED RAMP RATE	PTO 2ND. SPEED RAMP RATE 100 RPM/SEC	0	0
S	H7AANX	PTO 2ND. MAX ENGINE SPEED	PTO 2ND. MAX ENGINE SPEED. 2100 RPM	0	0
S	H5AAGX	PTO 2ND. ROAD SPEED LIMIT	PTO 2ND. ROAD SPEED LIMIT. 97 KMH (60 MPH)	0	0
S	G8AABX	PTO 2ND. MINIMUM ENGINE SPEED	PTO 2ND. MINIMUM ENGINE SPEED. 600 RPM	0	0

S	924014	PAINT TYPE	SOLID PAINT	0	0
	944CQ2	PAINT COLOR - FIRST COLOR	GLACIER WHITE: P3029	0	0
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB. URETHANE CLEAR COAT	0	0
	922001	CHASSIS RUNNING GEAR PROCESS CODE	CHASSIS PAINT PROCESS. STANDARD COLOR (MACK BLACK) 6ABZ1X	0	0
S	951AA6	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE): P3036	0	0
S	958018	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR	0	0
S	959019	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT	0	0

# TECHNICAL SPECIFICATION (cont.)



S	9JXA1X	PROP/CALC SELECTION	YES, THE ORDER MUST BE CALCULATED	0	0
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S	898003	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION	0	0
S	M50030	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)	0	0
	M6301T	EMISSION - SURCHARGE	EPA (only) for Mack MP7 / MP8 Diesel	0	0
S	M51021	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)	0	0
S	M52022	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)	0	0
S	M540B4	TRANSMISSION WARRANTY	ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)	0	0
	M55055	CARRIER & AXLE HOUSING WARRANTY	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563.00 KM)	0	0
S	M56026	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE	0	0
S	M57027	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES	0	0
S	M58028	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)	0	0
S	M69069	GUARDDOG CONNECT BUNDLE	NO GUARDDOG CONNECT (ASIST & MACK ONECALL)	0	0

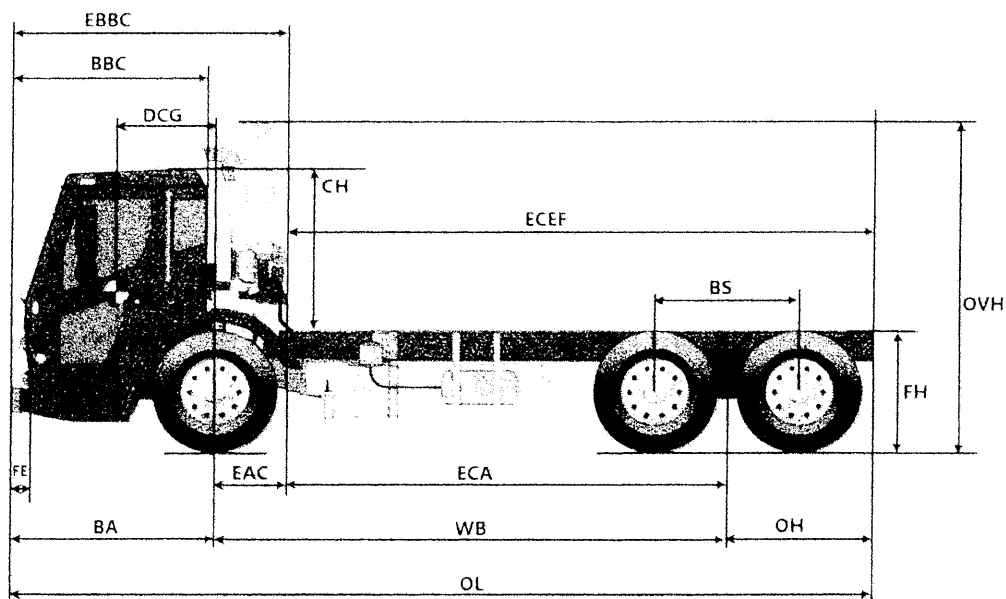
S	S03011	MACK INTEGRATED UPTIME	MACK INTEGRATED UPTIME - 24 MONTHS	0	0
	S04011	MACK CONNECT LOCATION & REPORTING	MACK CONNECT LOCATION & REPORTING - 24 MONTHS	0	0
S	S05010	FLEET INTEGRATION	WITHOUT FLEET INTEGRATION	0	0
S	S06400	PARTNERED SERVICES	NO PARTNERED SERVICES PROVIDED	0	0

S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR	0	0
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR	0	0

<b>FRONT / REAR AXLE WEIGHTS (LB)</b>	11326	7622
<b>TOTAL WEIGHT (LB)</b>	18947	

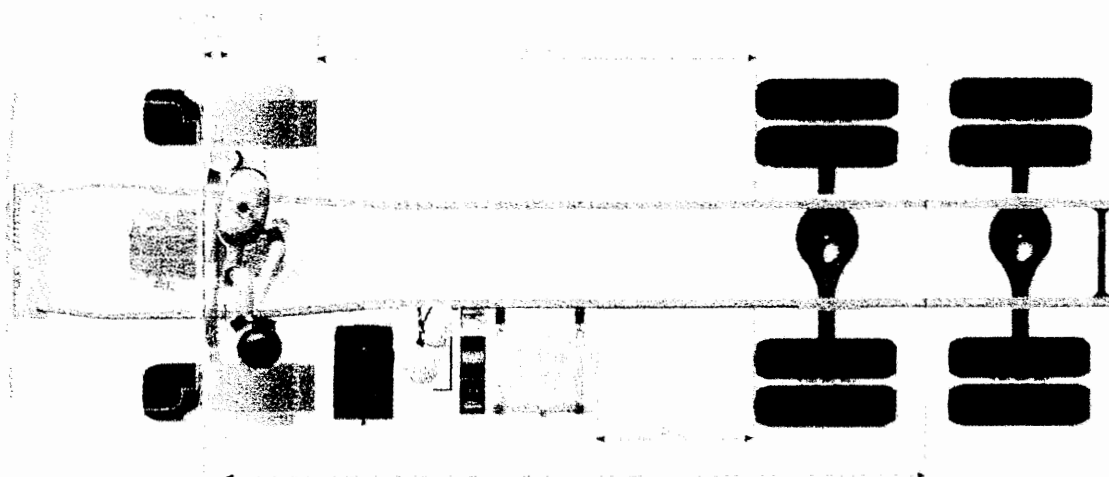


Front Frame Extension	N/A	FE	0.0	INCHES
Bumper to Front Axle	N/A	BA	69.9	INCHES
Eff. Bumper to Front Axle	N/A	EBC	69.9	INCHES
Wheelbase	N/A	WB	210.0	INCHES
Rear Overhang	N/A	RO	90.9	INCHES
Overall Length	N/A	OL	370.9	INCHES
Bumper to Back of Cab	N/A	BC	64.6	INCHES
Eff. Bumper to Back of Cab	N/A	EBC	94.6	INCHES
Eff. Cab to Rear Axle	N/A	ECA	185.3	INCHES
Eff. Front Axle to Back of Cab	N/A	EBC	24.7	INCHES
Eff. Cab to End of Frame	N/A	ECEF	276.3	INCHES
Unladen Frame Height	N/A	FH	43.3	INCHES
Cab Height	N/A	CH	56.1	INCHES
Overall Height	N/A	OVH	99.3	INCHES
Driver CG	N/A	DCG	13.8	INCHES
54" AXLE SPACING (BOGIE WHEELBASE)	GWXDGX	BS	53.9	INCHES





Wheelbase	N/A	W/B	210.0	210.0
Available Rail Space Right	N/A	ARSR	N/A	116.1
Available Rail Space Left	N/A	ARSL	94.0	N/A
Eff. Front Axle to Back of Cab	N/A	EF	24.7	24.7
Front Axle To Fender	ABXLYX	AXL	28.0	28.0
Battery Box	393AD9	BB	0.0	18.0
80 GALLON (300 L) ALUMINUM, 26" x 24" RECTANGULAR / W/O RH FUEL TANK	286AH2 / 290AA1	FT	34.1	0.0
Ad-Blue Tank	DF1021	AT	6.0	0.0
Drive Tire Radius	901AJ6	TR	21.0	21.0



Top View image is intended for illustration purposes only and is not presented to scale. Wheelbase, Axle Spacing and After frame are not shown as specified, but are a representation. Customer Adaptation (CA) options and relocated components are not represented in these images. Most CA options impact the variation of the image, thus an image may not populate. Calculations are approximate to a tolerance of  $\pm 4$  inches due to component mounting variation. Certain chassis component options are NOT represented in the Top View image, such as, but not exclusive to, Front Frame Extensions, Fuel Water Separators, Air Dryers, PTOs, Fifth Wheels, Chassis Fairings, Toolboxes, Trailer Connections. For further information on these items and their respective locations on your specification, please refer to the data sheets associated with those items in the configurator.



FRONT AXLE AND SUSPENSION				
Front Axle	240AA3	20000# (9100 KG) MACK FXL20 STRAIGHT SPINDLE/UNITIZED BEARINGS	20000	LB
Front Suspension	244AC3	MACK MULTILEAF 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS	20000	LB
Front Tires	9004Y0	315/80R22.5 L BRIDGESTONE M870 (20000 lbs)	20000	LB
Front Wheels	5312N1	22.5x9.00 ACCURIDE 41730x POLISHED ALUMINUM, 7.00" OFFSET, 10 HAND HOLE	20001	LB
REAR AXLE AND SUSPENSION				
Rear Axle	268AB7	46000# (20900kg) MERITOR RT46-160	46001	LB
Rear Suspension	186AC7	MACK mRIDE 46 PARABOLIC 3-LEAF, 46,000 lb, STANDARD DUTY	46001	LB
Rear Tires	901AJ6	11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY)	48041	LB
Rear Wheels	3462J6	22.5x8.25 ACCURIDE ACCU-LITE 51487x WHITE POWDER COAT STEEL, 6.60" OFFSET, 5 HAND HOLE	59199	LB
Total Front Axle			80001	LB
Total Rear Axle			105041	LB
Grand Total Axles and Wheels			185041	LB
Mack 46000 GVW (20900 kg) 100%			46001	LB