

**ULSTER COUNTY RESOURCE RECOVERY AGENCY
RESOLUTION NO. 2647**

RE: Authorizing and Approving the Purchase of a 2025 Mack Pinnacle 64T Tractor

WHEREAS, The Ulster County Resource Recovery Agency (the "Agency") is engaged in Solid Waste Management and Recycling in Ulster County, and

WHEREAS, the Agency requires a new 2025 Mack Pinnacle 64T Tractor to perform the work required to carry out the duties of Solid Waste Management, and

WHEREAS, the Agency staff has recommended the purchase of the equipment through Onondaga County Heavy Truck Class 8 Statewide Contract in compliance with the New York State bidding as the Agency is allowed to piggyback under New York State General Municipal Law Section 103; see attached schedule describing the equipment to be purchased "2025 Pinnacle 64T Tractor" from Beam Mack Sales Service, Inc., 6260 E Molloy Road, E Syracuse, New York 13057, see attached quote, and

NOW, THEREFORE, BE IT

RESOLVED, that the Ulster County Resource Recovery Agency does hereby authorize and approve the purchase of the equipment as described in Exhibit "A" attached, and be it

FURTHER RESOLVED, that the Executive Director and Agency staff are hereby authorized to take all steps necessary to complete the purchase of the Equipment, and be it,

FURTHER RESOLVED, that this Resolution shall take effect immediately.

Moved by:

Seconded by:

Vote: Ayes:

Nays:

Absent:

Date: April 10, 2025

Financial Impact: \$201,418.30

Beam Mack Sales Service, Inc.

6260 E Molloy Rd.

E Syracuse, NY 13057

ONONDAGA COUNTY HEAVY TRUCK CLASS 8 STATEWIDE

CONTRACT

10914

Pinnacle 64T PRICE LIST ONONDAGA

CUSTOMER: UCRRRA

CHASSIS QUOTED: Pinnacle 64T

MACK Pinnacle 64T 2025 model year
DISCOUNT FROM LIST
CHASSIS PRICE less DISCOUNT
OPTIONS LIST PRICE FROM TSP
OPTIONS DISCOUNT FROM LIST PRICE
OPTION PRICE Less DISCOUNT

CHASSIS BASE PRICE CHASSIS OPTIONS TOTAL

\$198,938.00

\$45,755.74

\$153,182.26

\$34,531.00

\$5,524.96

\$29,006.04

CHASSIS PRICE WITH CONTRACT OPTIONS AND DISCOUNT =
Net/Non Contract Items; WB, Dual valve Wetline 1/4 fenders Mud Flaps,
TOTAL WITH NON CONTRACT OPTIONS =

\$182,188.30

\$19,000.00

\$201,188.30

DELIVERY CHARGE FROM CHART

\$230.00

TOTAL PRICE FOR CHASSIS WITH ALL OPTIONS DELIVERED

\$201,418.30

LIST PRICE FOR BODY & Equipment

\$0.00

CONTRACT DISCOUNT 30%

\$0.00

TOTAL PRICE FOR BODY & Equipment :

\$0.00

TOTAL PRICE FOR COMPLETE TRUCK:

\$201,418.30

Please note the following payment terms:

- 1) If Chassis is shipped to the body installer, payment of chassis is due 30 days after delivery to body installer receives the chassis
- 2) If chassis is delivered directly to the customer with no body, payment of chassis is due 30 days after delivery
- 3) If payment of chassis is not made when delivered to body installer, a finance charge to the buyer of \$1200.00 per month will be added from 30 days after the time of delivery to the body installer.

** the Chassis MSO will be released to the customer when payment has been received in full. **

Additional Surcharges may be assessed between time of purchase and time of delivery

Sincerely; Greg Angwin

4/1/2025

Beam Mack Sales Service, Inc.

6260 E Molloy Rd.

E Syracuse, NY 13057

ONONDAGA COUNTY HEAVY TRUCK CLASS 8 STATEWIDE

CONTRACT

10914

TECHNICAL SPECIFICATION

PINNACLE 64T DAYCAB MACK SPEC



MODEL DEFINING		DESCRIPTION
	PB100J	PRICE BOOK LEVEL
S	LAX05X	VOLTAGE
		2025B Pricebook
		ELECTRICAL SYSTEM 12 VOLT

APPLICATION PACKAGES		DESCRIPTION
	MPK11K	CHASSIS CONFIGURATION PACKAGE
		ONEBOX EATS, RIGHT FRONT BATTERY BOX, 18.4 GALLON (70L) DEF, DUAL 26" FUEL TANKS

CUSTOMER/VEHICLE INFO		DESCRIPTION
S	002F62	CHASSIS (BASE MODEL)
S	99X93X	ASSEMBLY PLANT
	MP2001	CUSTOMER FLEET SIZE
S	M45001	ORDER TYPE REQUIREMENTS
S	013001	TYPE OF SERVICE
S	M98018	WARRANTY REGISTRATION LOCATION
	MBT01T	EMISSION WARRANTY CERTIFICATION
	M84042	INTENDED REGISTRATION LOCATION
S	5050B5	INITIAL REGISTRATION LOCATION
	5FFB1X	BRAND ORNAMENT
S	534014	LANGUAGE-PUBS/DECAL/SIGNS
	005015	VEHICLE USE & BODY/TRAILER TYPE
	78XA1X	TRANSPORT CYCLE
S	DKXG2X	GROSS COMBINATION WEIGHT (CA In PC29 only)
S	70BC1X	BRAKE REGULATION
	QCXB1X	TOPOGRAPHY
S	E1BD1X	AMBIENT TEMP UPPER LIMIT
S	032A79	OPERATING TERRAIN GRADE CONDITIONS
S	033A10	LOADING SURFACE FACTOR
	0341A1	VEHICLE VOCATION
		PINNACLE 64T DAYCAB MACKSPEC
		Made in Macungie, PA USA
		DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
		RETAIL OR STOCK - CUSTOM SPECIFICATIONS
		COMMERCIAL
		USA - WARRANTY REGISTRATION LOCATION
		EPA (only) for Mack MP7 / MP8 Diesel
		TENNESSEE
		USA REGISTRATION
		BULLDOG, CHROME
		ENGLISH
		FLATBED TRAILER
		LESS THAN ONE DELIVERY OR PICK-UP OF GOODS EVERY 50KM
		80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT
		BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
		GRADES <8% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 16%
		AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
		ON HIGHWAY, STARTING GRADES<16%
		CONCRETE LOADING AND / OR UNLOADING SURFACE
		LINEHAUL / LONG HAUL SERVICE

ENGINE/TRANSMISSIONS		DESCRIPTION
	1004C0	ENGINE / MOTOR
S	Q1CA1X	GEAR SELECTION TUNING
S	3GCA1X	GHG APPLICATION, VEHICLE
	136176	TRANSMISSION
S	V4EZ9X	GEARBOX 12TH GEAR LOCK-OUT
		MP8-505C+ (VC) MACK 505HP @ 1400-1700 RPM (PEAK) 2100 RPM (GOV) 1900 LB-FT, US'21
		BASIC, GEAR-SELECTION TUNING
		GREEN HOUSE GAS HIGHWAY APPLICATION
		MACK TMD14AFO-HD mDRIVE HD 14 SP, ULTRA-LOW CREEPER/ MULTI-SPEED REVERSE(OVERDRIVE)
		WITHOUT 12TH GEARBOX GEAR LOCK-OUT

EXHAUST/EMISSIONS		DESCRIPTION
	Z8FT1X	NOX LIMITS
S	Y7BC1X	IDLE EMISSION LABEL LOCATION (CA In PC29 only)
S	DPF04F	DPF DIESEL PARTICULATE FILTER
	MCF05F	CHASSIS MOUNTED EMISSIONS FINISH
S	DF10N1	DIESEL EXHAUST FLUID TANK
		CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance
		IDLE EMISSION LABEL LOCATION, LOWER LH CORNER OF DRIVER DOOR
		CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21
		BRIGHT FINISH DEF COVER & STAINLESS STEEL DPF COVER
		18.4 GALLON (70 L) 26" LEFT SIDE FRAME MOUNTED

TECHNICAL SPECIFICATION (cont.)



EXHAUST/EMISSIONS			DESCRIPTION
	130AC4	EXHAUST	DUAL VERTICAL OUTBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT END
S	KRXB5X	EXHAUST STACK HEIGHT	11' 6" FROM GROUND
	Q0AF2X	EXHAUST - BRIGHT FINISH	DUAL, BRIGHT FINISH HEAT SHIELDS, STACKS, ELBOWS
	78ADBx	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2024

ENGINE EQUIPMENT			DESCRIPTION
S	125065	AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD&FILTER MTD AIR RESTRICTION I
S	121AA5	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	1130G3	AIR COMPRESSOR/DRYER	WABCO HEATED SS-HP AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR
S	132AB9	ALTERNATOR	DELCO 12V 160A (28SI) BRUSH-TYPE
	316AA7	BATTERIES	(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE
S	393AA9	BATTERY BOX - MOUNTING (x)	RH RAIL UNDER CAB (3 BATTERY MAX)
	L5XF1X	BATTERY BOX COVER	POLISHED ALUMINUM
	318AA3	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE
S	NCXA5X	STARTER MOTOR	12 VOLT DELCO 39MT-MXT
	110AA6	ENGINE BRAKE	MACK MP8 POWERLEASH
S	JMxB1X	VEHICLE/TRAILER STOP LAMP APPLICATION (CA)	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)
S	J2EAAX	ENGINE BRAKE ACTIVATION	ENGINE BRAKE ACTIVATION, BASIC
S	118AB8	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
	119008	COOLANT PROTECTION	ETHYLENE GLYCOL EXTENDED LIFE COOLANT (50/50 MIX DYED ORANGE) TO - 34DEG, W/ FILTER
	124AA4	HOSES - RADIATOR/HEATER	MACK EPDM RADIATOR & HEATER HOSES W/GATE VALVE ON EACH HEATER HOSE
	2930B3	FUEL-WATER SEPARATOR	DAVCO 386 (W/O FLUID HEAT) 12V PREHEAT & MACK SEC FUEL FILTER
S	MCA04A	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY
S	QHXC1X	OIL SUMP	OIL PAN
S	36AA1X	TETHER DEV PKG, CAPS & COVERS	FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK
S	2YBZ1X	EMERGENCY ENGINE STOP (CA)	WITHOUT ENGINE STOP, EMERGENCY

CLUTCH/TRANS EQUIPMENT			DESCRIPTION
S	49200B	GEAR SHIFTER	MACK mDRIVE-PREMIUM SHIFTER
S	133AC7	CLUTCH	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL
S	MCB05B	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM
	MRP003	MINIMUM REQUIRED DRIVELINE SIZE (KAX)	MINIMUM REQUIRED DRIVELINE FOR KAX, PROPS-L
	195AA7	DRIVELINE - MAIN	MERITOR RPL25HD W/PERMALUBE U-JOINTS (PROPS-L)
S	204AA4	DRIVELINE - INTERAXLE	MERITOR RPL20 W/PERMALUBE
S	76AA1X	DRIVESHAFT MAIN U-JOINT	UNIVERSAL JOINT HALF-ROUND TYPE (where applicable)
S	8WAAAX	DRIVESHAFT INTERAXLE U-JOINT	HALF-ROUND UNIVERSAL JOINT
S	4LDA1X	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC
	7RXD1X	LUBRICANTS, TRANSMISSION	75W - 90 (SYNTHETIC LUBRICANT)
S	139049	TRANSMISSION OIL COOLER	MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO WATER COOLER
	3IAA2X	GRADE GRIPPER	GRADE GRIPPER

FRONT AXLE EQUIPMENT		DESCRIPTION
240AA7	FRONT AXLE	14600# (6600 KG) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS

TECHNICAL SPECIFICATION (cont.)



FRONT AXLE EQUIPMENT		DESCRIPTION
	244AA9	SPRINGS - FRONT
		MACK TAPERLEAF 14600# (6600 KG) GROUND LOAD RATING, EQUAL BIAS
S	2410K1	BRAKES - FRONT
		MERITOR EX+ AIR DISC BRAKES 430MM (17") L-TYPE
S	U3XD1X	BRAKE DRUMS - FRONT
		FRONT BRAKE DISC LIGHTWEIGHT
S	U0AF1X	SLACK ADJUSTERS - FRONT
		AUTOMATIC FOR AIR DISC BRAKES
S	V7AF1X	BRAKE CHAMBERS - FRONT
		FRONT BRAKE CHAMBER MANUFACTURER, WABCO
S	0KXG1X	HUBS - FRONT
		BASIC HUB UNITIZED IRON, FRONT
S	61500A	FRONT AXLE LUBRICANT
		FRONT AXLE LUBE, FAG NLG12 GREASE
S	245AA5	STEERING
		TRW THP60 POWER

REAR AXLE EQUIPMENT		DESCRIPTION
	268AC1	REAR AXLE
		46000# (20900kg) MERITOR RT46-164EH
S	6MAA1X	WIDE TRACK AXLE OPTION
		W/O WIDE TRACK AXLE
S	617003	DRIVE AXLE LUBRICANT
		DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL
S	01800Y	CARRIER - REAR AXLE
		VENDOR AXLES
	254013	TRACTION DIFFERENTIAL
		INTERWHEEL DIFFERENTIAL LOCK, ALL REAR AXLES
S	3LAC1X	POWER DIVIDER LOCKOUT
		INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
	TAXE8X	REAR AXLE RATIO
		3.58 RATIO
	186AB6	REAR SUSPENSION
		MACK AL-461 AIR 46,000 lb (NOT FOR USE WITH AIR DISC BRAKES)
S	GWXBYX	BOGIE SPREAD, REAR
		52" AXLE SPACING (BOGIE WHEELBASE)
S	ZAXA1X	SUSPENSION LEVELING DEVICE
		ELECTRICAL REGULATION LEVELING DEVICE
S	J6DB1X	AIR SUSPENSION DUMP WARNING
		AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
S	YVXA1X	SHOCK ABSORBERS - REAR
		REAR SHOCK ABSORBER
S	XYXA1X	TRANSVERSE TORQUE RODS
		TRANSVERSE TORQUE ROD - ALL AXLES
S	237037	AUX.SPRING BRAKE QTY
		AUX SPRING BRAKE QTY, 4 CHAMBERS
	253AA4	BRAKES - REAR
		MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)
S	U4XA1X	BRAKE DRUMS - REAR
		CAST IRON
S	U1AA1X	SLACK ADJUSTERS - REAR
		HALDEX - AUTOMATIC (Total for QTY = 2)
	V1AB1X	REAR BRAKE CHAMBER SIZE
		REAR SPRING BRAKE CHAMBERS 30/30 TYPE
	N5FAFX	BRAKE ORI REAR-MOST DRIVE AXLE
		DRUM BRAKE CHAMBER ORIENTATION: Middle Mount - Forward of Axle - Chamber Up
S	300AS0	PARKING BRAKE CHAMBER
		HALDEX "GOLD SEAL PLUS" (3" STROKE) BRAKE CHAMBERS (Total for QTY = 2)
S	0LXI1X	HUBS - REAR
		ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT
S	698098	ANTILOCK BRAKE SYSTEM
		MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL 4S4M
S	URXD1X	AIR SYSTEM VALVE VENDOR
		BENDIX SWITCHES AND VALVES WHERE POSSIBLE
S	3ZAA1X	SPRING BRAKE INVERSION VALVE
		TRACTOR SPRING BRAKE INVERSION VALVE

FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION
	271237	WHEELBASE
		237"
S	374056	AF (OVERHANG)
		56"
	MCE08E	FRAME RAILS & LINERS
		9.5 x 90 x 300mm - (0.37" x 3.54" x 11.81"); RBM 2,470,000 LB-IN
S	281AA2	CROSSMEMBERS
		STEEL
S	Q5AC4X	REAR CROSSMEMBER OPTIONS
		BOXED AND TAPERED CLOSING CROSSMEMBER FOR USE W/ BUILT IN TAIL LAMPS
S	X6XCBX	TAPERED FRAME RAIL ENDS
		FURNISH TAPERED & FLANGED FRAME RAIL ENDS (28 DEG) FOR USE W/BUILT IN TAIL LAMPS
	69XC3X	MUD FLAP BRACKETS
		BETTS B60S (ANGLED) STAINLESS STEEL W/INTEGRATED REFLECTIVE TAPE
S	2HXA1X	MUD FLAP, FRONT AXLE
		BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)
S	4DXP1X	FRONT BUMPER
		FLUSH-STAINLESS CLAD ALUMINUM

PRICELIST DATE

20240812

QUOTATION

CONW2025000082A546

DATE

4/1/2025

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TECHNICAL SPECIFICATION (cont.)



FRAME EQUIPMENT/FUEL TANKS			DESCRIPTION
S	2RAA1X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
	288AC0	FUEL TANK - LH	117 GALLON (445 L) 26" ALUMINUM ROUND
	290AB4	FUEL TANK - RH	72 GALLON (275 L) 26" ALUMINUM ROUND
S	JHXB1X	FUEL LINE MATERIAL	BRAIDED HOSE
S	8520C2	FUEL FILLER NECK OPTIONS	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP
	12AC1X	FUEL SYSTEM - DUAL	DUAL DRAW AND RETURN FUEL SYSTEM
S	Q2AA1X	CAB ACCESS STEPS	STANDARD 2 STEP CAB ACCESS
S	223AA3	STEPS (BRIGHT) - FUEL TANK	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS
	464AA5	QUARTER FENDERS	STAINLESS STEEL QUARTER FENDERS

AIR/BRAKE			DESCRIPTION
S	141AA1	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS
S	UWXD1X	AIR TANK DRAIN VALVE	MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY
	U2XA2X	AIR TANK MATERIAL & FINISH	ALUMINUM AIR TANK, POLISHED ALUMINUM FINISH
S	1JAABX	PARKING BRAKE VALVE	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

ELECTRICAL			DESCRIPTION
	5RXA6X	BACK-UP ALARM	ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB
	EAXB1X	DASH MOUNTED SWITCHES	TWO (2) EXTRA DASH MOUNTED ILLUMINATED SWITCHES
	NGXB1X	FOG LAMPS	FOG LAMPS (ROUND)
S	3120A2	ROOF & SIDE MARKER LIGHTS	(5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL
S	LJXB1X	HEADLAMP BULB TYPE	HEADLAMP BULB TYPE, LED
S	LSXJ7X	DAYTIME RUNNING LIGHTS	W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED
S	X2AA1X	DRL OVERRIDE SPEED THRESHOLD	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)
S	NEXK2X	TAIL LAMPS	LED STOP & TAIL LAMPS W/BACKUP LAMP & LICENSE PLATE MTD IN CLOSING CROSSMEMBER

TRAILER CONNECTIONS			DESCRIPTION
	330AH4	FIFTH WHEEL	AIR - HOLLAND FW35 ILS SERIES, LH RELEASE (AVAIL: 6.81",7.80",8.82",9.80")
S	6DXH1X	FIFTH WHEEL MTG ANGLES/DRILLING	SLIDING 5TH WHEEL MTG, 24" TRAVEL
S	LIXA1X	FIFTH WHEEL ANGLE MATERIAL	STEEL FIFTH WHEEL ANGLES
S	9DAABX	FIFTH WHEEL ANGLE THICKNESS	5TH WHEEL ANGLE, 10MM THICKNESS
S	6BX5XX	FIFTH WHEEL OFFSET	50" BOGIESPREAD = -1" OFFSET, 52" BS = 0", 54" BS = 1", 55" BS = 1.5", 4x2 = - 26"
	E5BAFX	GRD.TO TOP OF FIFTH WHEEL	1270MM (50") GROUND TO 5TH WHEEL TOP HEIGHT
	6EXB8X	FIFTH WHEEL LEG-HEIGHT (KAX Result)	198MM (7.81"), FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX)
S	53XBAX	TRAILER GLAD HAND COUPLINGS	GLAD HAND COUPLINGS - NORTH AMERICAN STD
S	WGXA1X	HAND CONTROL VALVE	HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS
S	WHXQ1X	TRAILER CONNECTIONS	TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB
S	7KXA3X	TRAILER ACCESS PACKAGE	LOW PROFILE DECK PLATE
	51XABX	HOSE TENDER/TOWEL BAR	TOWEL BAR - (2) SINGLE SPRING HOSE TENDER
S	321021	TRAILER ELECTRICAL RECEPT	SINGLE, 7 PINS STD SAE TYPE, BACK OF CAB
	5ZXA4X	TRAILER AIR HOSES	FURNISH EXTENDED GLAD HANDLES ON 12' STRAIGHT AIR-LINES
	322092	TRAILER HOOKUP LIGHT	DUAL TRUCKLITE SUPER-44 LED 27 DIODE RECESSED IN BOC
S	2UAA1X	TRAILER ELECTRICAL CORD	TRAILER ELECTRICAL CORD (12' NON-COILED TYPE)
S	3SAA1X	TRAILER CONNECTORS HOLDER	ELECTRICAL PLUG HOLDER (INCLUDES GLAD HAND STORAGE)

TECHNICAL SPECIFICATION (cont.)



PTO		DESCRIPTION	
S	189AK9	TRANSMISSION MOUNTED PTO	mDRIVE Without PTO, Removable Block Off Plate
S	D4AA1X	AMT/AUTOMATIC TRANS PTO FUNCT.	TRANSMISSION PTO FUNCTIONS BASIC
S	TYXG3X	PTO - CONTROL	mDRIVE SINGLE PTO PREP KIT W/ ILLUMINATED DASH MOUNTED SWITCH & PIPING FOR LOCAL INSTALL

SPECIALTY EQUIPMENT		DESCRIPTION	
S	7VEZ1X	AUXILIARY POWER UNIT	WITHOUT AUXILIARY POWER UNIT
S	MCQ01Q	LANE SUPPORT SYSTEM (LSS)	WITHOUT LANE SUPPORT SYSTEM
S	2PEZ1X	DATA CAPTURE	WITHOUT DATA CAPTURE
S	1PAZ1X	SURVEILLANCE CAMERA OPTIONS (CA)	WITHOUT CAMERA

CAB INTERIOR (A THRU G)		DESCRIPTION	
S	198048	SPEEDOMETER -&- GAUGES - UNIT(S) OF MEASURE	U.S. UNITS (PREDOMINANT)
	CCXG1X	GAUGE - PACKAGE, SECONDARY	2ND GA PKG W/BOOST PRESS,TRANS OIL TEMP,PYRO,APP AIR PRESS
	E1AAAX	GAUGE OIL TEMP-REAR AXLE	REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)
S	4AXC1X	CLIMATE UNIT	ELECTRONIC CONTROLLED CLIMATE CONTROL AIR CONDITION
S	EEXA1X	CUPHOLDER	CUPHOLDER
S	10XAHX	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
	7860E6	FIRE EXTINGUISHER	5LB (ABC RATED) MOUNTED BETWEEN DRIVER SEAT BASE AND DOOR VALVE AIMED REARWARD
	184AA3	FLOOR COVERING	POLYURETHANE FLOOR MAT W/ REMOVABLE INSERTS

CAB INTERIOR (H THRU R)		DESCRIPTION	
S	C52082	INSTRUMENT CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH
S	20XA1X	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM
	13AB1X	KEYLESS ENTRY	ELECTRONIC KEYLESS ENTRY
	E3XD1X	OVERHEAD CONSOLE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
S	1740D4	RADIO/RADIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH
S	73AJ1X	RADIO - ANTENNA	48" ANTENNA RIGHT SIDE MIRROR MOUNTED
	5BXB5X	RADIO ANTENNA - CB	48" ANTENNA LEFT SIDE MIRROR MOUNTED
S	1WAB1X	RADIO - BINDING POSTS FOR CB	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
S	5CXB2X	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
S	5JXALX	RADIO - CB RADIO MOUNTING	MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE
S	21XA1X	REAR WINDOW	REAR WINDOW (FIXED TYPE)
S	IFXB1X	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR
	784034	REFLECTOR KIT	W/O SLEEPER BOX FURNISH KIT PARALLEL TO INSIDE SURFACE OF RIDER'S SEAT BASE

CAB INTERIOR (S THRU Z)		DESCRIPTION	
	004034	INTERIOR TRIM LEVELS	PREFERRED TRIM PACKAGE, STEEL GRAY (Package 12A)
	1961A6	SEAT - DRIVER'S	SEARS-AIR, ATLAS 80, HIGH BACK, 4 CHAMBER AIR LUMBAR, W/ HEAT
	MAP07P	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - BLENDED BLACK & GREY ULTRA LEATHER
	1971E7	SEAT - PASSENGER'S	SEARS-AIR, ATLAS 80, HIGH BACK, 4 CHAMBER AIR LUMBAR, W/ HEAT
	MAQ08Q	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - BLENDED BLACK & GREY ULTRA LEATHER
	0HAB1X	SEAT - DUST COVER(S)	SEAT, DUST COVER FOR DRIVER'S AND RIDER'S SEATS
	3PXC1X	SEAT ARM REST(S)	INBOARD MOUNTED ARM REST, DRIVER'S & RIDER'S SEAT

TECHNICAL SPECIFICATION *(cont.)*



CAB INTERIOR (S THRU Z)			DESCRIPTION
S	592092	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT
S	D8XC1X	SEAT BELT WARNING INDICATOR	SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO
S	2QAA1X	STARTER SWITCH	KEY TYPE
	161021	STEERING WHEEL	2 SPOKE LEATHER GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES
S	WSXBAX	WINDSHIELD TYPE	TWO PIECE WINDSHIELD
S	145AA1	CAB GLASS	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	148AA3	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

CAB - SLEEPER BOX			DESCRIPTION
S	4ZXZ1X	SLPR. BOX - REFRIGERATOR PROV	W/O SLEEPER BOX REFRIGERATOR

CAB EXTERIOR			DESCRIPTION
	0BAA1X	PERMIT PLATE	2 POL, 304SS 3.5X15" W/SELF-ADH. BK; AT REC. SECTION CAB SILL PL. BELOW BOTH DRS
S	88AA1X	EMBLEMS OPTION	W/O MISC ORNAMENT CHANGE OPTION
	MCY01Y	HOOD LATCH TYPE & FINISH	STRAP TYPE HOOD LATCH WITH BRIGHT FINISH
S	MCG0BG	EXTERIOR TRIM FINISH AND PACKAGES	PINNACLE BLACK AIR INTAKE
S	400AG0	GRILLE	HERITAGE DESIGN CHROME GRILLE W/ BLACK BACKGROUND
S	MCD03D	PASSENGER SIDE VISIBILITY OPTIONS	AUXILIARY WINDOW IN RH DOOR
S	5870G7	GRAB HANDLES	PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST
	154AC3	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET, BRIGHT FINISH ALUMINUM W/SNOW SHIELDS
S	LXXD1X	HORN - ELECTRICAL	DUAL TONE
	152AC5	MIRRORS - EXTERIOR	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED AND ILLUMINATED W/INTEGRAL CONVEX MIRROR
	157047	SUN VISOR - EXTERIOR	SUN VISOR, EXTERIOR, STAINLESS STEEL 13" DEEP

AERODYNAMIC DEVICES			DESCRIPTION
S	159AA1	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES
S	MCM998	FRONT CHASSIS AERODYNAMIC PACKAGE	WITHOUT FRONT AERODYNAMIC FAIRINGS
S	MCK03K	REAR CHASSIS AERODYNAMIC PACKAGE	WITHOUT REAR AERODYNAMIC FAIRING

WHEELS & TIRES			DESCRIPTION
	900AU0	TIRES BRAND/TYPE - FRONT	11R24.5 G BRIDGESTONE R268 ECOPIA (13220 lbs) (Total for QTY = 2)
	5312R1	WHEELS - FRONT	24.5x8.25 ACCURIDE ACCU-LITE 42362x POLISHED ALUMINUM, 6.59" OFFSET, 10 HAND HOLE (Total for QTY = 2)
	9013G1	TIRES BRAND/TYPE - REAR	11R24.5 H BRIDGESTONE M726 ELA (26440 lbs) (DRIVE ONLY) (Total for QTY = 8)
	346306	WHEELS - REAR	24.5x8.25 ACCURIDE ACCU-LITE 42362x POLISHED ALUMINUM, 6.59" OFFSET, 10 HAND HOLE (Total for QTY = 8)
S	15XABX	VALVE STEMS & CAPS	STANDARD VALVE STEMS AND CAPS
S	MCH03H	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM
S	MC103I	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)

COMMUNICATION SYSTEMS			DESCRIPTION
	3YAB1X	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, FULL DRIVER ACCESS
S	M30060	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES

TECHNICAL SPECIFICATION (cont.)



ENGINE ELECTRONICS			DESCRIPTION
S	WOXA1X	SHUTDOWN-ENG.OIL PRESSURE	OIL PRESSURE, ENGINE SHUTDOWN
S	WMXA1X	SHUTDOWN-ENG.COOLANT TEMP	COOLANT TEMP, ENGINE SHUTDOWN
S	K5XA2X	ENG /OIL TEMP SHUTDOWN	ENGINE PROTECTION (SHUTDOWN)
S	K7XY1X	LOW IDLE ENGINE RPM	IDLE CONTROL, 600 RPM
S	X0AB0X	IDLE RPM UP W/LOW VOLTAGE	INCREASE 10 MINUTE MAXIMUM TIME
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	B1AZ1X	IDLE S/D WARNING TIME	WITHOUT IDLE S/D WARNING TIME
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	M4CB1X	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	D2AAFx	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	B3ABAX	EHT, MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)
	B6ACEX	EHT, MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM
S	B4ADAX	EHT, MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM

TRANSMISSION ELECTRONICS			DESCRIPTION
	M050Q6	TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	mDRIVE- EZ SHIFT - ECON, & PERF DRIVE MODES, MANUAL RETURN (premium)
	M08038	ECONO ROLL	ECONO ROLL DISABLE mDRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)
S	6SAA1X	mDRIVE MACKCELLERATOR	MACKCELLERATOR ENABLE
S	779001	TRANSMISSION ELECTRONICS PACKAGE	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)
	B1EA1X	TRANSM AUTO NEUTRAL ON P-BRAKE	mDRIVE TRANSMISSION PARK BRAKE AUTO NEUTRAL
S	MAV01V	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	W/O ALLISON FUELSense 2.0 PROGRAMMING

VEHICLE ELECTRONICS			DESCRIPTION
S	JCXE6X	ROAD SPEED LIMIT (RSL)	105 KM/H ROAD SPEED LIMITER (65MPH)
	Y3CC5X	PEDAL SPEED LIMITER	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)
S	JDXA1X	CRUISE CONTROL	CRUISE CONTROL
S	JFXLLX	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)
S	E4AAAX	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH
S	E5AACX	ENG BRAKE ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED
S	X2BB1X	ROAD SPEED LIMIT CONTROL TYPE	RSL CONTROL TYPE NORMAL
S	L2CA1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)
	Q6FAHX	DIFF LOCK SPEED LIMIT	DIFFERENTIAL LOCK ROAD SPEED LIMIT 24KMH (15MPH)
	W5BJ2X	MAXIMUM ENG SPEED AT 0 MPH	1950 MAXIMUM ENGINE SPEED AT 0 MPH
S	A4BAAX	SPEED SENSOR TAMPERING DETECTION	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	8RXAEX	PWR.LIMIT LVL.-MPH SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	0PAZ1X	DRIVER PERFORMANCE & BONUS PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS
S	G5AAHX	DATAMAX ENGINE OVERSPEED-COMPANY	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	G2AAGX	DATAMAX ENGINE OVERSPEED-FUEL	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	G4AAUX	DATAMAX VEHICLE OVERSPEED-ALL	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	G3AAPX	DATAMAX VEHICLE OVERSPEED-FUEL	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)

TECHNICAL SPECIFICATION (cont.)



VEHICLE ELECTRONICS			DESCRIPTION
S	G1AABX	DATAMAX IDLE LOG DELAY	ENGINE IDLE DELAY TO START LOG, 2 MIN
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH

PTO ELECTRONICS			DESCRIPTION
S	Y9CR1X	TRANS PTO1 SPLITTER RANGE	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	Z1CR1X	TRANS PTO2 SPLITTER RANGE	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

PAINT			DESCRIPTION
S	950AC0	PAINT DESIGN	SINGLE COLOR
S	924014	PAINT TYPE	SOLID PAINT
	944IC4	PAINT COLOR - FIRST COLOR	ARCTIC WHITE (MACK EXCLUSIVE COLOR); 932845
S	945998	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	946998	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT
S	MPB944	CAB COLOR	SAME AS FIRST COLOR - CAB
S	MPD944	HOOD COLOR	SAME AS FIRST COLOR - HOOD
S	MPA998	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING
S	951AA6	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE); P3036
S	958028	BUMPER	W/O OPTIONAL BUMPER PAINT
S	959019	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED In the PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT
S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR

CALCULATED CODES - KAX			DESCRIPTION
S	9JXA1X	PROPCALC SELECTION	YES, THE ORDER MUST BE CALCULATED
	D5EA1X	AUTO ROUTING & CLIPPING, CENTER	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION

BASE WARRANTY & PURCHASED COVERAGES			DESCRIPTION
S	898002	VEHICLE WARRANTY TYPE	NORMAL DUTY WARRANTY CLASSIFICATION
S	M50020	BASIC CHASSIS COVERAGE	NORMAL DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (160,934 KM)
	M8301T	EMISSION - SURCHARGE	EPA (only) for Mack MP7 / MP8 Diesel
S	M51021	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
S	M52022	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
	M540Y4	TRANSMISSION WARRANTY	mDRIVE HD TRANSMISSION NORMAL DUTY COVERAGE: 60 MONTHS OR 750,000 MILES
S	M55055	CARRIER & AXLE HOUSING WARRANTY	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)
S	M56026	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
S	M57027	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
S	M58028	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)

CONNECTED SERVICES			DESCRIPTION
S	S03011	MACK INTEGRATED UPTIME	MACK INTEGRATED UPTIME - 24 MONTHS
	S04011	MACK CONNECT LOCATION & REPORTING	MACK CONNECT LOCATION & REPORTING - 24 MONTHS

PRICELIST DATE
20240812

QUOTATION
CONW2025000082A546

DATE
4/1/2025

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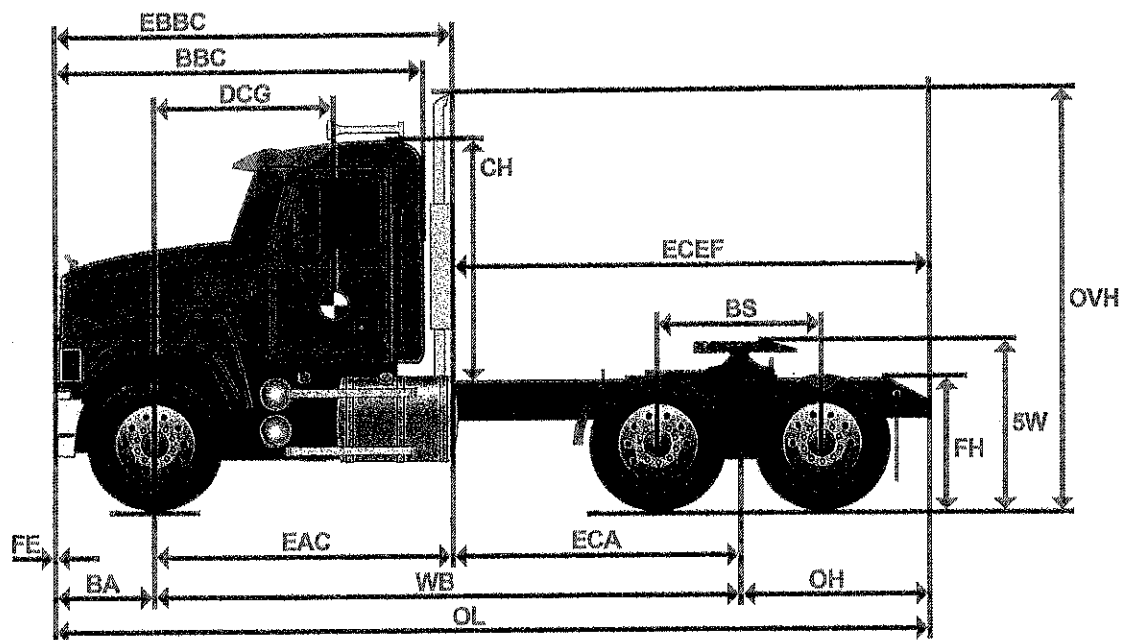
TECHNICAL SPECIFICATION (cont.)



CONNECTED SERVICES			DESCRIPTION
S	S05010	FLEET INTEGRATION	WITHOUT FLEET INTEGRATION
S	S06400	PARTNERED SERVICES	NO PARTNERED SERVICES PROVIDED

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

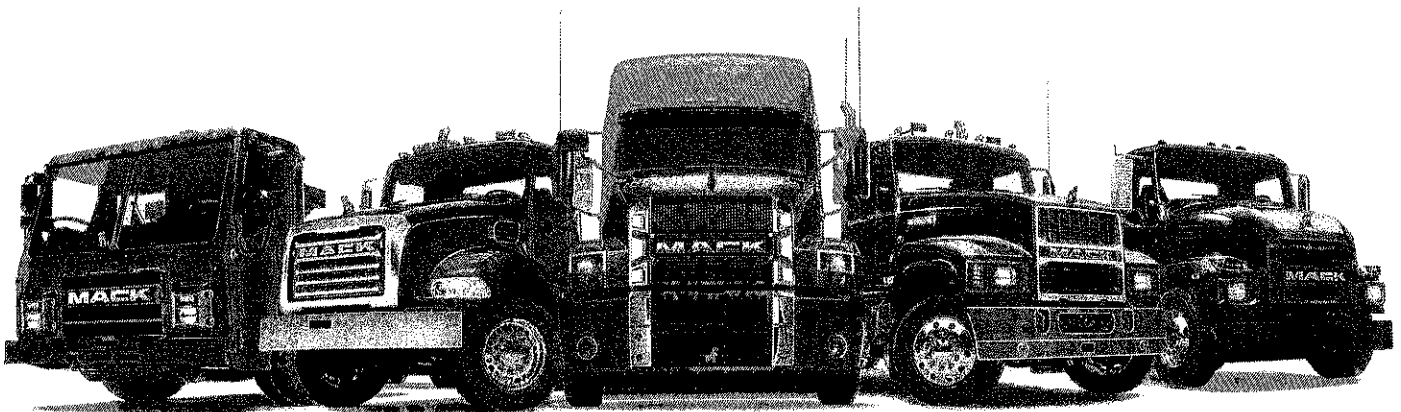
Description	Dwg Ref	Length	UOM
Front Frame Extension	FE	0.0	INCHES
Bumper to Front Axle	BA	29.8	INCHES
Eff. Bumper to Front Axle	N/A	29.8	INCHES
Wheelbase	WB	237.0	INCHES
Rear Overhang	OH	56.5	INCHES
Overall Length	OL	323.3	INCHES
Bumper to Back of Cab	BBC	117.3	INCHES
Eff. Bumper to Back of Cab	EBBC	128.8	INCHES
Eff. Cab to Rear Axle	ECA	138.0	INCHES
Eff. Front Axle to Back of Cab	EAC	99.0	INCHES
Eff. Cab to End of Frame	ECEF	194.5	INCHES
Unladen 5th Wheel Height	5W	50.0	INCHES
Unladen Frame Height	FH	43.2	INCHES
Cab Height	CH	73.0	INCHES
Overall Height	OVH	141.2	INCHES
Driver CG	DCG	73.2	INCHES
52" AXLE SPACING (BOGIE WHEELBASE)	BS	52.0	INCHES



**VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY**

Sub-Category	Sales Code	Sales Code Description	Value	UOM
Front Axle	240AA7	14600# (6600 KG) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS	14601	LB
Front Suspension	244AA9	MACK TAPERLEAF 14600# (6600 KG) GROUND LOAD RATING, EQUAL BIAS	14601	LB
Front Tires	900AU0	11R24.5 G BRIDGESTONE R268 ECOPIA (13220 lbs)	13220	LB
Front Wheels	5312R1	24.5x8.25 ACCURIDE ACCU-LITE 42362x POLISHED ALUMINUM, 6.59" OFFSET, 10 HAND HOLE	14801	LB
		Front GAWR	13220	LB
Rear Axle	268AC1	46000# (20900kg) MERITOR RT46-164EH	46001	LB
Rear Suspension	186AB6	MACK AL-461 AIR 46,000 lb (NOT FOR USE WITH AIR DISC BRAKES)	46001	LB
Rear Tires	9013G1	11R24.5 H BRIDGESTONE M726 ELA (26440 lbs) (DRIVE ONLY)	52881	LB
Rear Wheels	346306	24.5x8.25 ACCURIDE ACCU-LITE 42362x POLISHED ALUMINUM, 6.59" OFFSET, 10 HAND HOLE	59200	LB
		Rear GAWR	46001	LB
		Tractor GVWR	59220	LB
		Gross Combination Weight Rating	80000	LB
		Tax Value GVWR (USA FET Only)	60601	LB

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