

DATE

7/29/2021

QUOTE INFORMATION

VANG2021000118D886

TERRAPRO 64R MACK SPEC

Qty: 2

PREPARED BY

VANGUARD TRUCK CENTER
OF ST. LOUIS

1 VANGUARD WAY

CAHOKIA

IL 62206-2581

PREPARED FOR

SCRANTON
MANUFACTURING
COMPANY INC.

101 STATE ST

SCRANTON

IA 514628422

PROPOSAL 2022 MY VINS 006988, 006989 FOR MAMMOTH FRONT LOADERS



MACK



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TECHNICAL SPECIFICATION

TERRAPRO 64R MACK SPEC

				WEIGHT (LB)	
CUSTOMER/VEHICLE INFO		DESCRIPTION		FRONT	REAR
S	002GS2	CHASSIS (BASE MODEL)	TERRAPRO 64R DAYCAB MACKSPEC	4,399	3,173
S	MP2001	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0
S	013001	TYPE OF SERVICE	COMMERCIAL	0	0
S	M98018	WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION	0	0
S	505015	INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMISSION (US17 / US21 / ZERO EMISSION)	0	0
S	534014	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH	0	0
S	APPAA3	VEHICLE APPLICATION CLASS	CLASS B HIGHWAY-INNER CITY	0	0
	0050S5	VEHICLE USE & BODY/TRAILER TYPE	REFUSE FRONT LOADER TRUCK	0	0
S	032A39	TERRAIN GRADE	NORMAL HIGHWAY, STARTING GRADES<12%	0	0
	033A20	LOADING SURFACE	ASPHALT LOADING AND / OR UNLOADING SURFACE	0	0
S	0342A4	VEHICLE VOCATION	REFUSE / LANDFILL OPERATION	0	0

				WEIGHT (LB)	
ENGINE/TRANSMISSIONS		DESCRIPTION		FRONT	REAR
	1000U0	ENGINE PACKAGE, COMBUSTION	MP7-355A MACK 355HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1260 LB-FT, US'17	2,633	139
S	136AS6	TRANSMISSION	4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS	732	245

				WEIGHT (LB)	
EXHAUST/EMISSIONS		DESCRIPTION		FRONT	REAR
S	DF1041	DEF TANK	6.6 GALLON (25 L) 22" RIGHT SIDE FRAME MOUNTED	0	0
S	130AC7	EXHAUST	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXH STACK PLAIN END, SIDE OUTLET DIFFUSER	0	0
	78AC9X	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2021	0	0

				WEIGHT (LB)	
ENGINE EQUIPMENT			DESCRIPTION	FRONT	REAR
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
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
	316AA5	BATTERIES	(3) MACK 12V 760/2280 CCA THREADED STUD TYPE	9	3
S	393AD9	BATTERY BOX - MOUNTING	PERPENDICULAR TO FRAME 11" FROM NTOF (3 BATTERY MAX)	0	0
S	L5XA1X	BATTERY BOX COVER	MOLDED PLASTIC	0	0
	318AA3	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE	3	0
S	NCXA5X	STARTER MOTOR	12 VOLT DELCO 39MT-MXT	31	0
S	110AA5	ENGINE BRAKE	MACK MP7 POWERLEASH	36	5
S	118AB8	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	0	0
	119AG9	COOLANT PROTECTION	ETHYLENE GLYCOL EXTENDED LIFE COOLANT (50/50 MIX DYED RED) TO -34DEG, W/ LONG LIFE FILTER	0	0
S	508018	COOLING PERFORMANCE	W/O AUXILIARY COOLING	0	0
	H9XN1X	RADIATOR TYPE	EXTRA NARROW RADIATOR WITH LENGTH 1 (60 DM2)	0	0
	124AB9	HOSES - RADIATOR/HEATER	SILICONE W/ LOOM ON HEATER HOSE ONLY - FULL LENGTH TO PREVENT CHAFING	0	0
S	293043	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE W/ HOT RECIRCULATION (INTEGRAL W/ PRIMARY FUEL FILTER)	0	0
S	QHXC1X	OIL PAN	OIL PAN	0	0
	MCA03A	ENGINE HEATERS	120v 1000w BLOCK HEATER ONLY (120V-15A PLUG)	0	0
	4TBA1X	ENGINE BLOCK HEATER RECEPTACLE (CA)	ENGINE BLOCK HEATER RECEPTACLE, BASIC LOCATION	0	0
	36AE1X	TETHER DEV PKG, CAPS & COVERS	FURNISH FOR RADIATOR, OIL, POWER STEERING, TRANSMISSION FILL CAP AND DIPSTICK W/CHAIN	0	0

				WEIGHT (LB)	
CLUTCH/TRANS EQUIPMENT			DESCRIPTION	FRONT	REAR
S	MCB05B	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM	0	0
	195AB0	DRIVELINE - MAIN	MERITOR 18 MXL "XTENDED LUBE" (PROPS-L)	9	9
S	204AA5	DRIVELINE - INTERAXLE	MERITOR 17 MXL "XTENDED LUBE"	0	0
	83AA1X	PROP SHAFT BEARING GUARD	DRIVESHAFT GUARD FOR CENTER BEARING	0	12
S	76AA1X	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE	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	139AA7	TRANSMISSION OIL COOLER	ALLISON TRANSMISSION W/DIRECT MOUNT COOLER	0	0

				WEIGHT (LB)	
FRONT AXLE EQUIPMENT			DESCRIPTION	FRONT	REAR
S	240AA3	FRONT AXLE	20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS	325	0
	244AC8	SPRINGS - FRONT	MACK MULTILEAF HD 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS	155	0
S	241081	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+	16	0
S	U0AA1X	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC	0	0
	V7AB4X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER, HALDEX "GOLD SEAL PLUS"	0	0
S	0KXA1X	HUB MATERIAL, FRONT	FERROUS	0	0

				WEIGHT (LB)	
FRONT AXLE EQUIPMENT		DESCRIPTION		FRONT	REAR
S	1KAA1X	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE	20	0
S	245AB3	STEERING	SHEPPARD XD120 STEERING GEAR (RATIO 23:1)	181	0
S	K9AZ1X	POWER STEERING, COOLER	WITHOUT POWER STEERING, COOLER	0	0
	2SAA1X	BUMP STOP, FRONT SUSPENSION	STATIC LOAD CUSHIONS	12	0

				WEIGHT (LB)	
REAR AXLE EQUIPMENT		DESCRIPTION		FRONT	REAR
	268AB7	REAR AXLES - TANDEM	46000# (20900kg) MERITOR RT46-160 (SINGLE REDUCTION) W/PDLO	0	1,709
	018AA1	CARRIER - REAR AXLE	VENDOR CARRIER	0	0
	TAXJAX	REAR AXLE RATIO	4.56 RATIO	0	0
	186AC7	REAR SUSPENSION - TANDEM	MACK mRIDE 46 PARABOLIC 3-LEAF, 46000#	0	1,674
	402AA1	SPRINGS - ANTI-SWAY	W/O ANTI-SWAY	0	-103
	GWXDGX	BOGIE SPREAD, REAR	54" AXLE SPACING (BOGIE WHEELBASE)	0	3
	YVXA1X	REAR SHOCK ABSORBER	REAR SHOCK ABSORBER	0	27
S	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
	300AL0	REAR BRAKE CHAMBER	HALDEX "LIFE 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	N2AE1X	SPINDLE NUTS, MAIN AXLE	SPINDLE NUTS, MAIN AXLE, INTEGRATED	0	0
S	3LAC1X	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40
S	7WXA1X	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE 80W-90	0	0
S	698058	ANTILOCK BRAKE SYSTEM	BENDIX WITHOUT TRACTION CONTROL 4S4M	0	0

				WEIGHT (LB)	
FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION		FRONT	REAR
	271210	WHEELBASE	210"	89	89
	374113	AF (OVERHANG)	113"	-37	172
	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	122	144
	5CAACX	FRONT FRAME EXT. (BOLTED ON)	13" FOR REFUSE SERVICE	168	-4
S	A0XJ5X	FRONT FRAME LENGTH	FRONT FRAME LENGTH 1187MM	148	-19
S	281A11	CROSSMEMBERS	STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL	0	0
S	9DEB1X	AUX CROSSM. IN REAR OVERH TYPE	SINGLE CHANNEL WELDED AUXILIARY CROSSMEMBER TYPE	-11	45
S	Q5AA1X	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER	0	0
S	4DXM8X	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL (INCL. CENTER TOW PIN) N/A W/ FRONT FRAME EXT.	0	0
	5EXF1X	GUARD	SKID PLATE UNDER BUMPER AND RADIATOR	128	-8
S	2RAA2X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON R.H TANK	0	0
	290A14	FUEL TANK - RH	80 GALLON (300 L) ALUMINUM, 26"x24" RECTANGULAR	69	69

				WEIGHT (LB)	
FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION		FRONT	REAR
	JHXC1X	FUEL HOSES, LIQUID	AEROQUIP FIRE RESISTANT HOSE	0	0
S	HBXAOX	FUEL TANK POSITION (CA in PC28 only)	RELOCATE R.H. TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL	0	0
S	852072	FUEL FILLER NECK OPTIONS	FOR RH FUEL TANK	0	0

				WEIGHT (LB)	
AIR/BRAKE		DESCRIPTION		FRONT	REAR
	UWXE1X	AIRTANK DRAIN VALVE	AUTO DRAIN VALVE, HEATED, ON SUPPLY TANK, W/LANYARDS ON ALL OTHER TANKS	3	0
S	U2XB1X	AIRTANK MATERIAL	STEEL AIR TANK PAINTED CHASSIS COLOR	0	0

				WEIGHT (LB)	
ELECTRICAL		DESCRIPTION		FRONT	REAR
S	312022	ROOF & SIDE MARKER LIGHTS	TRUCKLITE ROOF MARKER FOR TERRAPRO	0	0
S	LJXABX	HEADLAMP BULB TYPE	HEADLAMP BULB TYPE, HALOGEN	0	0
S	LSXG6X	DAYTIME RUNNING LIGHTS	PARK BRAKE ACTIVATED	0	0
S	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

				WEIGHT (LB)	
TRAILER CONNECTIONS		DESCRIPTION		FRONT	REAR
	WGXA1X	TRAILER BRAKE VALVE	HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS	62	0

				WEIGHT (LB)	
PTO		DESCRIPTION		FRONT	REAR
	826086	HYDRAULIC PUMP	FURNISH PUMP MTG PROVISIONS - INCLUDE WIRING, SWITCHES, AND INDICATORS AS REQUIRED	0	0
	183AA2	CRANKSHAFT ADAPTER	1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)	18	-2
S	189AJ9	PTO - REAR MOUNTED	PREP KIT FOR EXTENDED SHAFT PTO	0	0
	5XXA1X	PTO TRANSMISSION MOUNTED ADM.	SINGLE PTO TRANSMISSION	0	0
S	L3XN1X	BODY BUILDER MODULE	ControlLink III BODY BUILDER EL PREP KIT, REFUSE, RP170 ELECT. INTERFACE (3 CON 54 PINS)	0	0

				WEIGHT (LB)	
CAB INTERIOR (A THRU G)		DESCRIPTION		FRONT	REAR
S	4AXB1X	CLIMATE UNIT	MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDIONER UNIT) W/R134a REFRIGERANT	0	0
S	E0AABX	GAUGE - TRANSMISSION OIL TEMP	TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT	0	0
S	198048	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)	0	0

				WEIGHT (LB)	
CAB INTERIOR (H THRU R)		DESCRIPTION		FRONT	REAR
S	6WXA1X	CENTER CONTROLE CONSOLE	CONSOLE INCLUDED WITH CONTROL LINK III	0	0

				WEIGHT (LB)	
CAB INTERIOR (H THRU R)		DESCRIPTION		FRONT	REAR
S	20XA1X	KEY TYPES FOR DOORS	BASIC UNIQUE KEY	0	0
S	2QAA1X	IGNITION TYPE	KEY TYPE	0	0
	E3XH1X	FORWARD OVERHEAD STORAGE	FORWARD OVERHEAD STORAGE, RADIO SHELF, STORAGE, BLANK, BLANK	3	0
S	1740D4	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH	0	0
S	73AD1X	ANTENNA - RADIO	RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE	0	0
S	1WAE1X	POWER LEADS	FURNISH IN OVERHEAD CONSOLE	0	0

				WEIGHT (LB)	
CAB INTERIOR (S THRU Z)		DESCRIPTION		FRONT	REAR
S	196096	SEAT - DRIVER'S	AIR-SEARS MID-BACK SEAT C-2 W/FABRIFORM CUSHIONS	0	0
S	197057	SEAT - PASSENGER'S	SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) NON-SUSPENSION	0	0
S	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
S	2WXAAX	STEERING WHEEL	DIAMETER 450MM STEERING WHEEL, RUBBER GRIP V1	0	0
S	T2AA1X	WINDSHIELD PROTECTOR	FURNISH WINDSHIELD PROTECTOR	16	0
S	87AA1X	WINDSHIELD WND DEFLECTOR (CA in PC28 only)	FURNISH STANDARD FINISH	0	0

				WEIGHT (LB)	
CAB EXTERIOR		DESCRIPTION		FRONT	REAR
S	28XF1X	FRONT GRILLE	GRAY HEADLIGHT, GRILL SURROUNDS WITH SATIN ACCENT GRILL (WHERE APPLICABLE)	0	0
S	144AA2	CAB	CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST PREVENTATIVE PROCEDURES	0	0
	424014	CAB DOOR OPTIONS	DOORS, COMPOSITE, LH SIDE ROLL UP WINDOW	5	0
S	Q2AA1X	CAB INSTEP VERSION	Cab Low Entry Step	0	0
	MCD02D	PASSENGER SIDE VISIBILITY OPTIONS	SIDE CLOSE VIEW MIRROR	3	0
S	0JAA1X	CAB GRAB HANDLE	STANDARD GRAB HANDLE OPTION RH & LH, BEHIND DOOR	0	0
S	154AA6	HORN - AIR	(1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED	5	0
	LXXD1X	HORN - ELECTRICAL	DUAL TONE	5	0
	43X40X	MIRRORS - PROXIMITY	RECTANGULAR CONVEX ABOVE RH DOOR WINDOW	3	0
	MCL06L	MIRRORS - LEFT SIDE EXTERIOR	LH POLISHED FLAT MANUALLY OPERATED, HEATED, W/ UN-HEATED 8" SS CLOSE VIEW	5	0
	MCR06R	MIRRORS - RIGHT SIDE EXTERIOR	RH POLISHED FLAT MANUALLY OPERATED, HEATED, W/ UN-HEATED 8" SS CLOSE VIEW	0	0

				WEIGHT (LB)	
WHEELS & TIRES		DESCRIPTION		FRONT	REAR
S	9004Y0	TIRES BRAND/TYPE - FRONT	315/80R22.5 L BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2)	336	0
S	531221	WHEELS - FRONT	22.5x9.00 ACCURIDE WHITE POWDER COAT STEEL, 7.00" OFFSET, 5 HAND HOLE (Total for QTY = 2)	217	0
	901AJ6	TIRES BRAND/TYPE - REAR	11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)	0	988
S	3462J6	WHEELS - REAR	22.5x8.25 ACCURIDE ACCU-LITE 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

				WEIGHT (LB)	
COMMUNICATION SYSTEMS			DESCRIPTION	FRONT	REAR
S	M30060	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES	0	0
	2JCA1X	REMOTE DIAG SERVICES	REMOTE DIAGNOSTIC SERVICES, ENABLED	0	0

				WEIGHT (LB)	
ENGINE ELECTRONICS			DESCRIPTION	FRONT	REAR
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	K7XH3X	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM	0	0
S	X0AB0X	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
S	E0XGAX	ENGINE IDLE SHUTDOWN TIME	IDLE SHUTDOWN TIME 10 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

				WEIGHT (LB)	
TRANSMISSION ELECTRONICS			DESCRIPTION	FRONT	REAR
S	M05015	TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	W/O TRANSMISSION SHIFT SETTINGS	0	0
S	6SAZ1X	TRANSMISSION KICK-DOWN MODE	WITHOUT TRANSMISSION KICK-DOWN MODE	0	0
	7790V9	TRANSMISSION ELECTRONICS PACKAGE	GENERAL REFUSE SERVICE (142)	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
S	MAV01V	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	W/O ALLISON FUELSNSE 2.0 PROGRAMMING	0	0

				WEIGHT (LB)	
VEHICLE ELECTRONICS			DESCRIPTION	FRONT	REAR
S	JCXE6X	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)	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
S	E5AACX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	0	0

				WEIGHT (LB)	
VEHICLE ELECTRONICS			DESCRIPTION	FRONT	REAR
S	L2CA1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)	0	0
S	A4BAAX	DETECTION SPEED SENSR TMRNG	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

				WEIGHT (LB)	
PTO ELECTRONICS			DESCRIPTION	FRONT	REAR
S	F3AAEX	PTO1 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

				WEIGHT (LB)	
PAINT			DESCRIPTION	FRONT	REAR
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
S	941998	PAINT: CAB INTERIOR	W/O SPECIAL CAB INTERIOR PAINT (PAINT EXTERIOR COLOR)	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)	0	0
S	958018	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR	0	0
	959019	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT	0	0
S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR	0	0

				WEIGHT (LB)	
PAINT			DESCRIPTION	FRONT	REAR
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR	0	0

				WEIGHT (LB)	
CALCULATED CODES - KAX			DESCRIPTION	FRONT	REAR
S	9JXA1X	PROPCALC SELECTION	YES, THE ORDER MUST BE CALCULATED	0	0

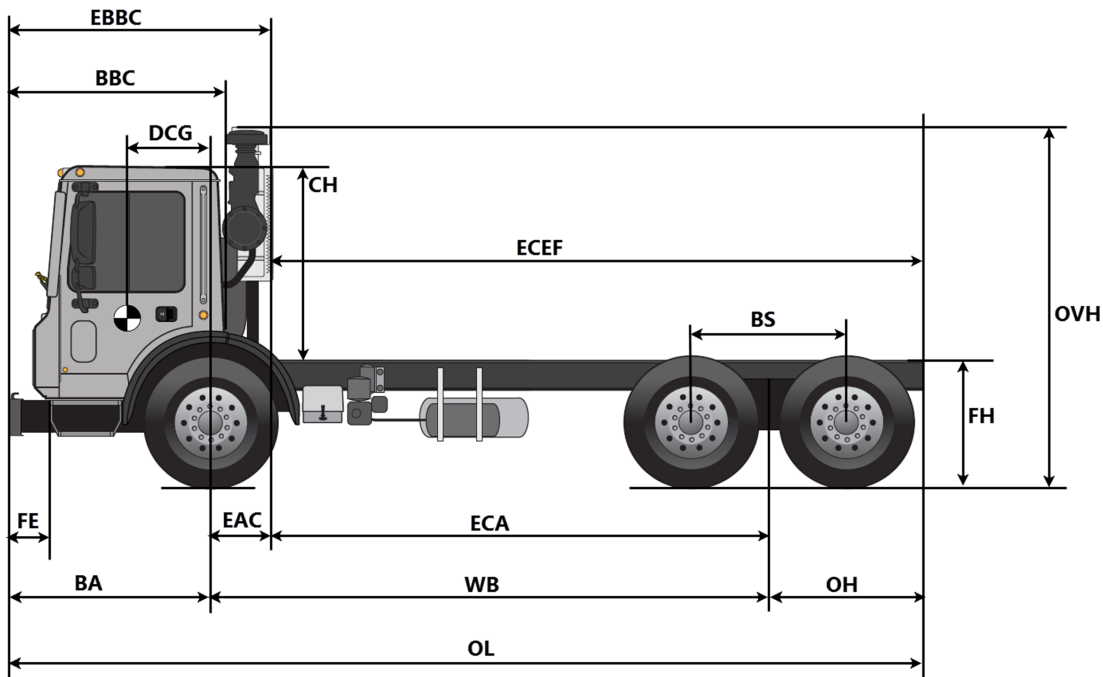
				WEIGHT (LB)	
BASE WARRANTY & PURCHASED COVERAGES			DESCRIPTION	FRONT	REAR
S	898003	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION	0	0
S	M50030	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)	0	0
S	M51021	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE 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	M690F9	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall))	0	0
S	M78010	PREPAID API	WITHOUT PREPAID API	0	0
S	M67017	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE	0	0

				WEIGHT (LB)	
Z - DO NOT USE - OBSOLETE			DESCRIPTION	FRONT	REAR
S	4WCC1X	GHG STEER TIRE CATEGORY (PAWS) (CA)	LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY	0	0
	4XCE1X	GHG DRIVE TIRE CATEGORY (PAWS) (CA)	BASIC ROLLING RESISTANCE, POOR FUEL ECONOMY	0	0

FRONT / REAR AXLE WEIGHTS (LB) 9919 9035
 TOTAL WEIGHT (LB) 18954

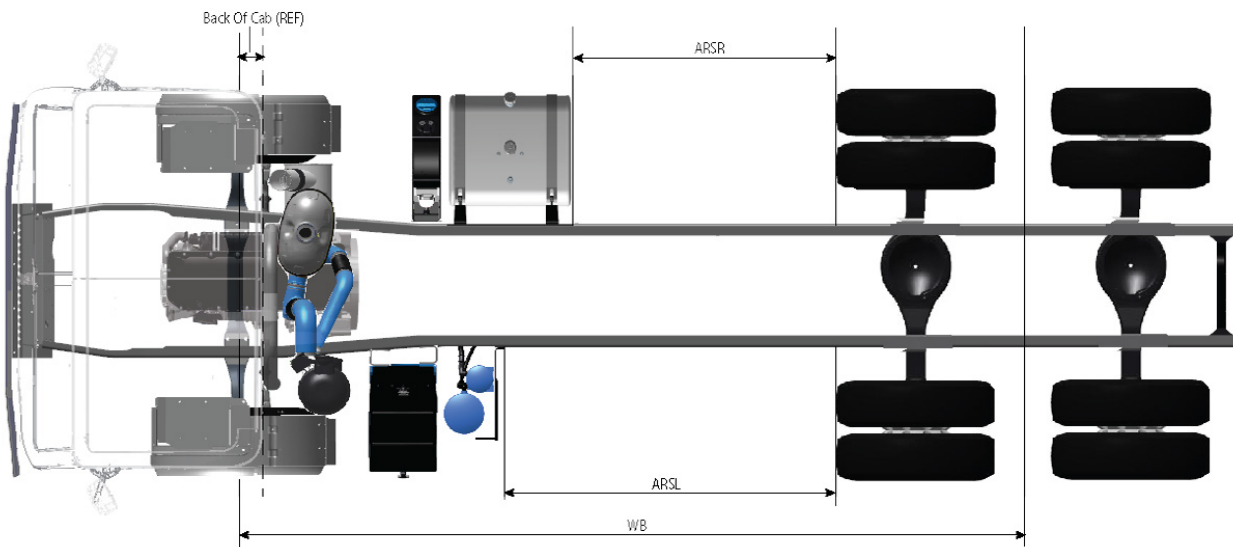
VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Length	UOM
Front Frame Extension	N/A	FE	13.0	INCHES
Bumper to Front Axle	N/A	BA	59.5	INCHES
Wheelbase	N/A	WB	210.0	INCHES
Rear Overhang	N/A	OH	113.0	INCHES
Overall Length	N/A	OL	395.5	INCHES
Bumper to Back of Cab	N/A	BBC	63.0	INCHES
Eff. Bumper to Back of Cab	N/A	EBBC	98.0	INCHES
Eff. Cab to Rear Axle	N/A	ECA	184.5	INCHES
Eff. Front Axle to Back of Cab	N/A	EAC	25.5	INCHES
Eff. Cab to End of Frame	N/A	ECEF	297.5	INCHES
Unladen 5th Wheel Height	E5BZ1X	5W	0.0	INCHES
Unladen Frame Height	N/A	FH	43.3	INCHES
Cab Height	N/A	CH	61.6	INCHES
Overall Height	N/A	OVH	104.9	INCHES
Driver CG	N/A	DCG	13.8	INCHES
54" AXLE SPACING (BOGIE WHEELBASE)	GWXDGX	BS	53.9	INCHES
Second Front Axle Spacing		SFAS	0.0	INCHES



VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

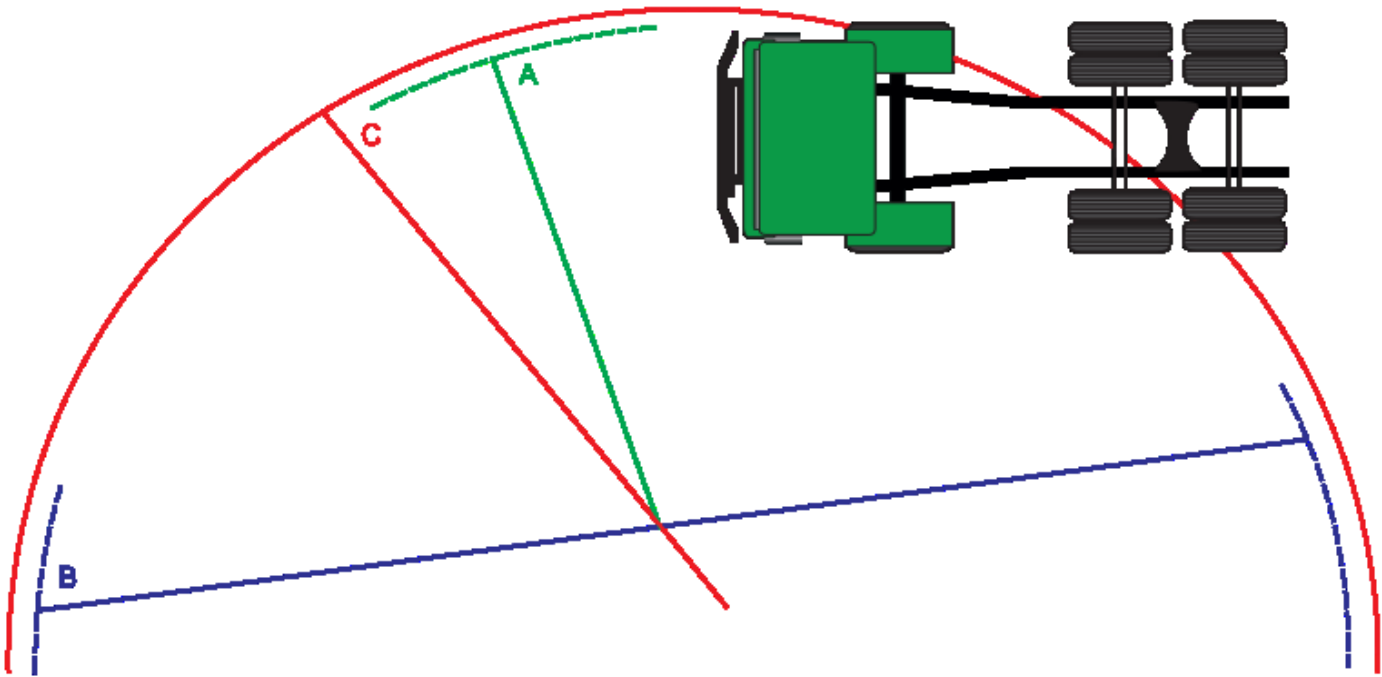
Description	Sales Code	Dwg Ref	Left Value(in)	Right Value(in)
Wheelbase	N/A	WB	210.0	210.0
Available Rail Space Right	N/A	ARSR	N/A	76.0
Available Rail Space Left	N/A	ARSL	134.1	N/A
Eff. Front Axle to Back of Cab	N/A	REF	25.5	25.5
Front Axle To Fender	ABXLXX	N/A	28.0	28.0
Battery Box	393AD9	N/A	0.0	18.0
WITHOUT LH FUEL TANK / 80 GALLON (300 L) ALUMINUM, 26"x24" RECTANGULAR	288AA1 / 290AI4	N/A	0.0	34.1
Ad-Blue Tank	DF1041	N/A	0.0	6.0
Drive Tire Radius	901AJ6	N/A	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 ± 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.

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Length	UOM
SAE Turning Radius	N/A	A*	32.5	FEET
Adjusted Turning Radius	N/A	A	36.7	FEET
Curb-to-Curb Diameter	N/A	B	74.4	FEET
Wall-to-Wall Diameter	N/A	C	86.9	FEET



Tests have shown that the true location of the turning center is further to the rear than midway between drive axle sets (where applicable)

The actual location of the turning center depends on:

- Whether the drive tire equipment is single or dual.
- The overall load distribution for the vehicle (front/rear, between drive axles) in a loaded condition
- Manufacturing tolerances within the steering components