

TECHNICAL SPECIFICATION

GRANITE 64FR

			WEIGHT (LB)
APPLICATION PACKAGES	DESCRIPTION	FRONT	REAR
GRANITE AF CONFIG. PKG.	PK7 179A: CTO; LH BB, 33L DEF, 93 GALLON SLEEVED, OUTBOARD AIR	0	0

			WEIGHT (LB)	
CUSTON	MER/VEHICLE INFO	DESCRIPTION	FRONT	REAR
S	CHASSIS (BASE MODEL)	GRANITE 64FR	5,034	1,879
S	ASSEMBLY PLANT	Made in Macungie, PA USA	0	0
	CUSTOMER FLEET SIZE	REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0
	TYPE OF SERVICE	MUNICIPAL	0	0
s	WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION	0	0
S	INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMISSION (US17 / US21 / ZERO EMISSION)	0	0
S	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH	0	0
S	ROAD CONDITION	WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE	0	0
	VEHICLE USE & BODY/TRAILER TYPE	WING PLOW TRUCK	0	0
	TRAILER TYPE	DRAWBAR TRAILER WITH STEERED FRONT AXLES	0	0
	GROSS COMBINATION WEIGHT	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT	0	0
S	BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)	0	0
s	TOPOGRAPHY	GRADES <6% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 16%	0	0
S	AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR	0	0
S	TERRAIN GRADE	ON-OFF HIGHWAY, STARTING GRADES<18%	0	0
	LOADING SURFACE	HARD DIRT LOADING AND / OR UNLOADING SURFACE	0	0
S	VEHICLE VOCATION	CONSTRUCTION SERVICE	0	0
	CUSTOMER ADAPTATION CTR	PRODUCT ADAPTATION, ADDITIONAL INSTALLATION REQUIRED	0	0



			W	EIGHT (LB)
ENGIN	NE/TRANSMISSIONS	DESCRIPTION	FRONT	REAR
	ENGINE PACKAGE, COMBUSTION	MP8-455M MACK 455HP @ 1500-1900 RPM (PEAK) 2100 RPM (GOV) 1760 LB-FT, US'21	2,165	541
	TRANSMISSION	MACK TMD12AFD-HD mDRIVE HD 12 SP-(DIRECT DRIVE)	503	168
S	GEARBOX 12TH GEAR LOCK-OUT	WITHOUT 12TH GEARBOX GEAR LOCK-OUT	0	0

			,	WEIGHT (LB)
EXHAL	JST/EMISSIONS	FRONT	REAR	
s	CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, CARB (WITH DECAL LOCATED ON LOWER LH CORNER / DRIVER DOOR	0	0
s	DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21	0	0
S	CHASSIS MOUNTED EMISSIONS FINISH	W/O DEF COVER & PAINTED DPF COVER	0	0
	DEF TANK	8.7 GALLON (33 L) 26" LEFT SIDE FUEL TANK MTD	0	0
	EXHAUST	SINGLE VERTICAL RIGHT SIDE CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END	-35	-17
	EXHAUST STACK HEIGHT	9' 6" FROM GROUND	0	0
S	EXHAUST SYSTEM MATERIAL FINISH	W/O BRIGHT FINISH EXHAUST	0	0
	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2021	0	0

				W	EIGHT (LB)
EN	GINE	EQUIPMENT	DESCRIPTION	FRONT	REAR
		AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE WAIR CONTROLLED INSIDE-OUTSIDE AIR INTAKE&DASH MTD AIR RESTRICTI	0	0
		AIR INTAKE SOURCE	INSIDE/OUTSIDE AIR INTAKE W/ IN-CAB CONTROL FOR SNOWPLOWS	20	0
s		BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER	0	0
		AIR COMPRESSOR/DRYER	BENDIX HEATED AD9 AIR DRYER W/ WABCO 318 (18.7 CFM) AIR COMPRESSOR	9	5
	CA	AIR DRYER POSITION (CA)	LH OUTBOARD	0	0
	CA	ALTERNATOR	DELCO 12V 240A (40SI) BRUSHLESS W/ REMOTE VOLTAGE SENSING	34	0
		BATTERIES	(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE	16	7
		BATTERY BOX - MOUNTING	LH RAIL AT BACK OF FUEL TANK	0	0
		BATTERY BOX COVER	POLISHED ALUMINUM	5	0
	CA	BATTERY DISCONNECT SWITCH	MAIN SWITCH, MOUNTED INSIDE CAB, GROUND ACCESSIBLE	5	0
s		STARTER MOTOR	12 VOLT DELCO 39MT-MXT	31	0
		ENGINE BRAKE	MACK MP8 POWERLEASH	0	0
s		ENGINE BRAKE LIGHTING (CA)	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)	0	0
s		FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	0	0
s		COOLANT PROTECTION	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG, W/ FILTER	0	0
		RADIATOR TYPE	RADIATOR, CORE AREA W/O FEPTO 1345sq in (86sq dm), CORE AREA W/ FEPTO 1296sq in (83sq dm)	0	0
s		HOSES - RADIATOR/HEATER	MACK EPDM RADIATOR & HEATER HOSES	0	0
s		FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE W/ HOT RECIRCULATION (INTEGRAL W/ PRIMARY FUEL FILTER)	0	0
s		PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION	0	0
		ENGINE HEATERS	GRID HEATER + 120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)	0	0
		ENGINE BLOCK HEATER	120V 1500W ENGINE BLOCK HEATER	5	0
		ENGINE STARTING AID	ELECTRIC PREHEATER	7	0

PRICELIST DATE	QUOTATION	DATE	PAGE	CUSTOMER NAME	DEALER NAME
20210104	WE2020000106C654	2/26/2021	2 of 14	ROCK COUNTY PUBLIC WORKS	WORLDWIDE EQUIPMENT, INC.



		WE	EIGHT (LB)
ENGINE EQUIPMENT	DESCRIPTION	FRONT	REAR
OIL PAN	CORROSION RESISTANT OIL PAN	0	0
TETHER DEV PKG, CA COVERS	PS & CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK, BATTERY BOX, AND TOOL BOX (IF FURNISHED)	0	0
S ENGINE STOP, EMERO	SENCY (CA) WITHOUT ENGINE STOP, EMERGENCY	0	0

			WE	EIGHT (LB)
CLUTC	H/TRANS EQUIPMENT	DESCRIPTION	FRONT	REAR
S	GEAR SHIFTER	MACK mDRIVE-PREMIUM SHIFTER	0	0
S	CLUTCH	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL	0	0
S	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM	0	0
	DRIVELINE - MAIN	SPICER SPL350XL LITE - XLARGE (PROPS-XL)	40	40
	DRIVELINE - INTERAXLE	SPICER SPL250XL "LITE SERIES"	0	0
	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE	0	0
S	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT	0	0
s	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC	0	0
s	BELL HOUSING	ALUMINUM	0	0
S	LUBRICANTS, TRANSMISSION	75W - 90 (SYNTHETIC LUBRICANT)	0	0
s	TRANSMISSION OIL COOLER	MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO WATER COOLER	0	0
	HILL START ASSIST	GRADE GRIPPER	0	0

			WEIGHT (LB)	
FRONT	AXLE EQUIPMENT	FRONT	REAR	
	FRONT AXLE	23000# (10400 KG) MACK FXL23 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS	428	0
	SPRINGS - FRONT	MACK TAPERLEAF 23000# (10400kg) GROUND LOAD RATING, EQUAL BIAS	45	0
s	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+	29	0
S	BRAKE, FRONT	CAST IRON	0	0
	FRONT AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR FRONT AXLE	5	0
S	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC	0	0
S	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, MGM	0	0
S	HUB MATERIAL, FRONT	FERROUS	157	0
s	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE	0	0
	STEERING	SHEPPARD SD110 + HD94	206	0
s	LUBRICANTS, FRONT AXLE	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE	0	0

			WEIGHT (LB)	
REAR AXLE EQUIPMENT		DESCRIPTION	FRONT	REAR
	REAR AXLES - TANDEM	46000# (20900kg) MACK S462R CAST DUCTILE HOUSING	0	1,614
s	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE	0	0
s	CARRIER - REAR AXLE	CRDP150/151 AVAILABLE WITH OPTIONAL DRIVER CONTROLLED INTERWHEEL DIFFERENTIAL LOCKS, SEE 254 SYMBOL	0	0
	REAR AXLE RATIO	3.40 RATIO	0	0
	REAR SUSPENSION - TANDEM	MACK mRIDE 46 PARABOLIC 3-LEAF, 46000#	0	1,537
	BOGIE SPREAD, REAR	54" AXLE SPACING (BOGIE WHEELBASE)	0	89

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			W	EIGHT (LB)
REAR A	AXLE EQUIPMENT	DESCRIPTION	FRONT	REAR
	REAR SHOCK ABSORBER	REAR SHOCK ABSORBER	0	27
	TRANSVERSE TORQUE RODS, R SUSP	WITHOUT TRANSVERSE TORQUE RODS	0	-66
	AUX.PARKING BRAKE CHAMBERS	AUXILIARY PARK, TWO EXTRA PARKING BRAKE CHAMBERS	0	20
S	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)	0	-35
s	BRAKE, DRIVE, REAR	CAST IRON	0	0
S	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC (Total for QTY = 2)	0	0
	DRIVE AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR REAR AXLE	0	12
	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE	0	0
	REAR BRAKE CHAMBER	MGM TR-T; TAMPER-RESISTANT BRAKE CHAMBERS (Total for QTY = 2)	0	0
S	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT	0	318
s	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40
s	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE	0	0
	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR AXLES, MANUAL AIR VALVE W/WARNING LIGHT.	0	18
S	ANTILOCK BRAKE SYSTEM	BENDIX WITH TRACTION CONTROL 4S4M	0	0
s	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE	0	0
S	SPRING BRAKE INVERSION VALVE	TRACTOR SPRING BRAKE INVERSION VALVE	5	0

			V	VEIGHT (LB)
FRAME	EQUIPMENT/FUEL TANKS	DESCRIPTION	FRONT	REAR
	WHEELBASE	228"	188	188
	AF (OVERHANG)	63"	-19	258
	FRAME RAILS & LINERS	11.1 x 105 x 300mm - (0.437" x 4.13" x 11.81"); RBM 3,160,000 LB-IN	0	0
	FRONT FRAME LENGTH	BUMPER POSITION EXTENDED 20" (SNOW)	148	-15
	CROSSMEMBERS	BOC AND INTERMEDIATE CROSSMEMBERS, HD I-BEAM	27	27
s	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER	0	0
	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL BRIGHT FINISH	0	0
s	TOWING DEVICE, FRONT	HOOKS	0	0
	TOWING DEVICE, REAR	HOOKS - FRAME MOUNTED	-6	27
s	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	0	0
	FUEL TANK - LH	93 GALLON (350 L) 26" ALUMINUM, SLEEVED D-SHAPED	91	42
S	FUEL TANK - RH	W/O RH FUEL TANK	0	0
s	FUEL HOSES, LIQUID	BRAIDED HOSE	5	3
S	FUEL FILLER NECK OPTIONS	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP	0	0
	FUEL LINE OPTIONS, LIQUID	W/O FUEL LINE OPTION	0	0
	CAB INSTEP VERSION	RH/LH 3 STEP CAB ACCESS W/ TOP OF LOWEST STEP NOT MORE THAN 18" FROM GROUND	23	9
	STEPS (BRIGHT) - FUEL TANK	BRIGHT FINISH ALUMINUM STEPS & STAINLESS STEEL BRIGHT FINISHED STRAPS	0	0
	QUARTER FENDERS	STAINLESS STEEL QUARTER FENDERS	0	20

		WE	EIGHT (LB)	
AIR/BRAKE	DESCRIPTION	FRONT	REAR	
AIRTANK DRAIN VALVE	MANUAL DRAIN VALVES, WITH LANYARDS ON ALL TANKS	0	0	

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			WE	EIGHT (LB)
AIR/E	RAKE	DESCRIPTION	FRONT	REAR
s	AIRTANK MATERIAL	STEEL	0	0
s	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS	0	0
	PARKING BRAKE VALVE	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK	0	0

			WEIGHT (LB)	
ELEC	ELECTRICAL DESCRIPTION		FRONT	REAR
	BACK-UP ALARM	ECCO BACK-UP ALARM SA917 (AMBIENT NOISE SENSITIVE) 87- 112 dB	0	3
	DASH MOUNTED SWITCHES	SIX (6) ASSIGNABLE BODYBUILDER DASH SWITCHES (5 ON-OFF, 1 MOMENTARY)	0	0
s	ROOF & SIDE MARKER LIGHTS	(5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL	0	0
	AUXILIARY LAMPS	DASH CTRL/PWR SUPPLY/LOCAL INST PLOW LAMPS W/LEAD FURN@ GRILL W/2W/3W WEATHER PACK CON	0	0
s	DAYTIME RUNNING LIGHTS	W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED	0	0
S	DRL OVERRIDE SPEED THRESHOLD	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)	0	0
	TAIL LAMPS	LED TYPE TAIL LAMP MODULE MTD BELOW REAR CROSSMEMBER	0	7

		V	VEIGHT (LB)
TRAILER CONNECTIONS	DESCRIPTION	FRONT	REAR
TRAILER BRAKE VALVE	HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS	0	0
TRAILER CONNECTION POSITION	TRAILER AIR BRAKE CONNECTIONS, END OF FRAME	23	23
TRAILER ELECTRICAL RECEPT	SINGLE 7 PINS STD SAE TYPE, END OF FRAME	0	0
S TRAILER CONNECTORS HOLDER	OMIT TRAILER CONNECTORS HOLDER	3	0

			WEIGHT (LB)	
PTO		DESCRIPTION	FRONT	REAR
S	PTO - REAR MOUNTED	W/O TRANSMISSION MOUNTED PTO - (mDRIVE ONLY)	0	0
S	POWER TAKE OFF CONTROL	mDRIVE SINGLE PTO PREP KIT W/ ILLUMINATED DASH MOUNTED SWITCH & PIPING FOR LOCAL INSTALL	3	0
	CRANKSHAFT ADAPTER	1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)	16	0
S	PTO TRANS NEUTRAL CONTRL CHECK	W/O NEUTRAL CONTROL	0	0
S	BODY BUILDER INTERFACE	BODY LINK III W/CAB PASS-THRU	5	5

			WE	EIGHT (LB)
SPECI	ALTY EQUIPMENT	DESCRIPTION	FRONT	REAR
S	LANE SUPPORT SYSTEM (LSS)	WITHOUT LANE SUPPORT SYSTEM	0	0
s	DATA CAPTURE	WITHOUT DATA CAPTURE	0	0
s	CAMERA, SURVEILLANCE	WITHOUT CAMERA	0	0

		WEIGHT (LB)		EIGHT (LB)
CAB	INTERIOR (A THRU G)	DESCRIPTION	FRONT	REAR
s	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)	0	0

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			WEIGHT (LB)	
CAB IN	NTERIOR (A THRU G)	DESCRIPTION	FRONT	REAR
	GUAGE - PACKAGE, SECONDARY	2ND GA PKG W/ENG OIL TEMP,TRANS OIL TEMP,PYRO,AIR RESTRICT	0	0
	GAUGE - REAR AXLE OIL TEMP	REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)	0	0
S	AIR CONDITIONING/HEATER	BLEND AIR HVAC W/"ATC" TEMP REGULATION	0	0
S	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED	0	0
S	DASH INDICATOR - LAMP BODY OUT OF POS	DASH MTD, INDICATOR BODY/HOIST UP "BODYBUILDER LAMP"	0	0
S	CARBON MONOXIDE DETECTION SYS	WITHOUT CARBON MONOXIDE DETECTION SYSTEM	0	0
S	FLOOR COVERING	POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS	0	0

			W	EIGHT (LB)
CAB INT	TERIOR (H THRU R)	DESCRIPTION	FRONT	REAR
S	INSTMNT CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH	0	0
S	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM	0	0
S	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY	0	0
s	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS	0	0
S	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH	0	0
	ANTENNA - RADIO	48" ANTENNA RIGHT SIDE MIRROR MOUNTED	0	0
	ANTENNA - CB RADIO	48" ANTENNA LEFT SIDE MIRROR MOUNTED	0	0
S	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL	0	0
	COMMUNICATION RADIO	COBRA WEATHER BAND 40 CHANNEL CB, 10 CHANNEL WEATHER	9	0
	COM.RADIO PREP KIT (CB)	CB MOUNTING, OVERHEAD COMP, MOUNT PLATE, PERMANENT	0	0
s	AUXILIARY REAR WINDOW	REAR WINDOW (FIXED TYPE)	0	0
S	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR	0	0

			V	VEIGHT (LB)
CAB INTERIOR (S THRU Z)		DESCRIPTION	FRONT	REAR
S	INTERIOR TRIM LEVELS	STANDARD PACKAGE, STEEL GRAY (Package 11A)	0	0
	SEAT - DRIVER'S	MACK-AIR, HIGH BACK, 4 CHAMBER AIR LUMBAR, BOLSTER, EXTENSION	67	16
	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - BLACK MORDURA	0	0
	SEAT - PASSENGER'S	MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR	69	14
	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - BLACK MORDURA	0	0
	SEAT ARMREST	INBOARD MOUNTED ARM REST, DRIVER'S SEAT ONLY	3	3
s	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT (NOT AVAIL W/EXTENDED RIDER SEAT)	0	0
	SEAT BELT REMINDER	SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO	0	0
S	IGNITION TYPE	KEY TYPE	0	0
S	STEERING WHEEL	2 SPOKE URETHANE GRIP, GUNMETAL SPOKES, W/O SWITCHES	0	0
s	WINDSHIELD TYPE	TWO PIECE WINDSHIELD	0	0
s	CAB GLASS	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)	0	0
S	WASHER RESERVOIR POSITION	W/O WINDSHIELD WASHER OPTION	0	0
S	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE	0	0



			WE	EIGHT (LB)
CAB EXTERIOR		DESCRIPTION	FRONT	REAR
	AIR INTAKE GRILL / HOOD LATCH - FINISH	BRIGHT AIR INTAKE WITH BLACK HOOD LATCHES	0	0
	GRILLE	BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED	0	0
s	PASSENGER SIDE VISIBILITY OPTIONS	AUXILIARY WINDOW IN RH DOOR	3	0
S	FRONT WHEEL OPENING	FENDER EXTENSIONS	5	0
	GRAB HANDLES	BF EXTERIOR CAB GRAB HANDLES, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST	0	0
	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET, BRIGHT FINISH ALUMINUM W/SNOW SHIELDS	7	0
S	HORN - ELECTRICAL	SINGLE TONE	0	0
	MIRRORS - EXTERIOR	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED W/INTEGRAL CONVEX MIRROR	3	0
	SUN VISOR - EXTERIOR	SUN VISOR, EXTERIOR, FIBERGLASS (PAINTED)	12	0

			WE	EIGHT (LB)
AERO	DYNAMIC DEVICES	DESCRIPTION	FRONT	REAR
S	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES	0	0
S	FRONT CHASSIS AERODYNAMIC	WITHOUT FRONT AERODYNAMIC FAIRINGS	0	0

			WEIGHT (LB)	
WHEE	LS & TIRES	DESCRIPTION	FRONT	REAR
	TIRES BRAND/TYPE - FRONT	445/65R22.5 M BRIDGESTONE M864 (25600 lbs) (Total for QTY = 2)	437	0
S	GHG STEER TIRE CATEGORY (PAWS)	LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY	0	0
	WHEELS - FRONT	22.5x13.0 ALCOA 83462x CLEAN BUFFED ALUMINUM, 6.42" OFFSET, 10 HAND HOLE (Total for QTY = 2)	142	0
	TIRES BRAND/TYPE - REAR	11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)	0	988
	GHG DRIVE TIRE CATEGORY (PAWS)	BASIC ROLLING RESISTANCE, POOR FUEL ECONOMY	0	0
	WHEELS - REAR	22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 8)	0	318
S	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH	0	0
S	TIRE INFLATION VALVE	STANDARD VALVE STEMS AND CAPS	0	0
S	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM	0	0
S	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)	0	0
	AUXILIARY HUB/WHEEL TRIM	WITHOUT AUXILIARY HUB/WHEEL TRIM	0	0
S	WHEEL NUT & FINISH, FRONT	WHEEL NUT BASIC FINISH, FRONT	0	0
s	WHEEL NUT FINISH, REAR (CA)	WHEEL NUT BASIC FINISH, REAR	0	0

			WE	IGHT (LB)
COMI	MUNICATION SYSTEMS	DESCRIPTION	FRONT	REAR
S	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1	0	0
S	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH	0	0

			WE	IGHT (LB)	
ENGII	NE ELECTRONICS	DESCRIPTION	FRONT	REAR	
S	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN	0	0	

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		W	EIGHT (LB)
ELECTRONICS	DESCRIPTION	FRONT	REAR
COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN	0	0
ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)	0	0
ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM	0	0
SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME	0	0
IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME	0	0
IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY	0	0
IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY	0	0
IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE	0	0
IDLE S/D OVERIDE %ENGINE LOAD	IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD	0	0
AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)	0	0
AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)	0	0
EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)	0	0
EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM	0	0
EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	0	0
EL HD THROTTLE,SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC	0	0
EL HAND THROTTLE,SGL SPEED SET	ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM	0	0
EHT HOLD TO NEAREST RPM	ELECTRONIC HAND THROTTLE HOLD TO NEAREST 100RPM	0	0
EHT ACCEL BUMP-UP RPM	ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP" 100RPM	0	0
EHT DECEL BUMP-DOWN RPM	ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN" 100RPM	0	0
	SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/D WARNING TIME IDLE S/D IF WARM-UP TEMP IDLE S/D WARM-UP TIMER IDLE S/D IF PTO ACTIVE IDLE S/D OVERIDE %ENGINE LOAD AMBIENT TEMP MIN TRESHOLD EL HD THROTTLE,MAX ROAD SPEED EL HAND THROTTLE,MAX ENG SPEED EL HAND THROTTLE,MIN ENG SPEED EL HAND THROTTLE,SPEED RAMP RATE EL HAND THROTTLE,SPEED RAMP EL HAND THROTTLE,SPEED RAMP EL HAND THROTTLE,SPEED RAMP RATE EL HAND THROTTLE,SPEED RAMP RATE EL HAND THROTTLE,SPEED RAMP	COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE IDLE CONTROL IDLE CONTROL, 650 RPM SMART IDLE ELEVATED IDLE RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE S/D WARNING TIME 30 SEC IDLE S/D WARNING TIME IDLE S/D IF WARM-UP TEMP 38C DEG (100F), WARM UP TEMP DELAY IDLE S/D WARM-UP TIMER 5 MIN. WARM UP TIME DELAY IDLE S/D OVERIDE SENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE IDLE S/D OVERIDE SENGINE IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MAX TRESHOLD, 16 DEG C, (60 DEG F) AMBIENT TEMP MAX TRESHOLD AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F) EL HAND THROTTLE, MAX ROAD SPEED EL HAND THROTTLE, MAX ROAD SPEED, 100 RPM SPEED EL HAND THROTTLE, MIN ENGINE SPEED, 700 RPM EL HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC EL HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC EL HAND THROTTLE, SPEED RAMP RAMP ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE HOLD TO NEAREST 100 RPM EL HAND THROTTLE, SELECTRONIC HAND THROTTLE HOLD TO NEAREST 100 RPM	COOLANT TEMP, ENGINE SHUTDOWN 0 ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) 0 ENGINE IDLE CONTROL IDLE CONTROL, 650 RPM 0 SMART IDLE ELEVATED IDLE RPM INCREASE 10 MINUTE MAXIMUM TIME 1 IDLE S/D WARNING TIME 30 SEC IDLE S/D WARNING TIME 0 IDLE S/D WARN-UP TEMP 38C DEG (100F), WARM UP TEMP DELAY 0 IDLE S/D IF WARM-UP TIMER 5 MIN. WARM UP TIME DELAY 0 IDLE S/D IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE 0 IDLE S/D OVERIDE %ENGINE IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MIN TRESHOLD, 27 DEG C, (80 DEG F) 0 EL HD THROTTLE,MAX ROAD SPEED SEL HD THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH) 1 EL HAND THROTTLE,MAX ENG SPEED SET ING, 1000 RPM 2 EL HAND THROTTLE,SPEED RAMP RATE ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SET ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM SET THROTTLE, SPEED RAMP RATE ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 1000 RPM SET THROUTD SET THROTTLE, SINGLE SPEED SETTING, 1000 RPM SET THROUTD SET THROTTLE, SINGLE SPEED SETTING, 1000 RPM SET THROUTD SET THROTTLE, SINGLE SPEED SETTING, 1000 RPM SET THROUTD SET THROTTLE, SINGLE SPEED SETTING, 1000 RPM SET THROUTD SET THROTTLE, SINGLE SPEED SETTING, 1000 RPM PM SET THROTTLE, SINGLE SPEED SETTING, 1000 RPM PM SET THROUTD SET THROTTLE, SINGLE SPEED SETTING, 1000 RPM RPM

			WI	EIGHT (LB)
TRAN	TRANSMISSION ELECTRONICS DESCRIPTION		FRONT	REAR
	TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	mDRIVE- EZ SHIFT - ECON, & PERF DRIVE MODES, MANUAL RETURN (premium)	0	0
S	TRANSMISSION KICK-DOWN MODE	MACKCELLERATOR ENABLE	0	0
S	TRANSMISSION ELECTRONICS PACKAGE	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)	0	0
	TRANSM AUTO NEUTRAL ON P- BRAKE	mDRIVE TRANSMISSION PARK BRAKE AUTO NEUTRAL	0	0
S	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	W/O ALLISON FUELSENSE 2.0 PROGRAMMING	0	0

			WE	EIGHT (LB)
VEHICI	VEHICLE ELECTRONICS DESCRIPTION		FRONT	REAR
S	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)	0	0
	PEDAL RSL SETTING	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)	0	0
S	CRUISE CONTROL	CRUISE CONTROL	0	0
S	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)	0	0
S	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)	0	0
S	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH	0	0
S	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	0	0
S	DETECTION SPEED SENSR TMPRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE	0	0
s	ENG TORQUE LIMIT, SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED	0	0
S	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED	0	0
S	DR PERFORMANCE PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS	0	0



			WEIGHT (LB)	
VEHICLE ELECTRONICS DESCRIPTION		DESCRIPTION	FRONT	REAR
s	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM	0	0
S	ENGINE OVERSPEED, FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM	0	0
s	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)	0	0
s	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)	0	0
S	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN	0	0
	PERIODIC TRIP LOG HOUR OF DAY	PERIODIC TRIP LOG HOUR OF DAY, 24:00 (MID NIGHT)	0	0

			WI	EIGHT (LB)
РТО Е	LECTRONICS	DESCRIPTION	FRONT	REAR
s	TRANS PTO1 SPLITTER RANGE	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED	0	0
s	TRANS PTO2 SPLITTER RANGE	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED	0	0
s	PTO1 SINGLE SPEED CONTROL RPM.	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM	0	0
S	PTO 1ST, MAX ROAD SPEED	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0
s	PTO 1ST, SPEED RAMP RATE	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC	0	0
s	PTO 1ST, MAX ENGINE SPEED	PTO 1ST, MAX ENGINE SPEED, 2100 RPM	0	0
s	PTO 1ST, ROAD SPEED LIMIT	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
s	PTO 1ST, MINIMUM ENGINE SPEED	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM	0	0
	PTO1 HOLD TO NEAREST RPM	PTO1 HOLD TO NEAREST 100RPM	0	0
	PTO1 ACCEL BUMP-UP RPM	PTO1 ACCEL "BUMP-UP" 100RPM	0	0
	PTO1 DECEL BUMP-DOWN RPM	PTO1 DECEL "BUMP-DOWN" 100RPM	0	0
S	PTO 2ND, SINGLE SPEED SETTING	PTO 2ND, SINGLE SPEED SETTING, 1000 RPM	0	0
s	PTO 2ND, MAX ROAD SPEED	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0
s	PTO 2ND, SPEED RAMP RATE	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC	0	0
s	PTO 2ND, MAX ENGINE SPEED	PTO 2ND, MAX ENGINE SPEED, 2100 RPM	0	0
s	PTO 2ND, ROAD SPEED LIMIT	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
s	PTO 2ND, MINIMUM ENGINE SPEED	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM	0	0
	PTO2 HOLD TO NEAREST RPM	PTO2 HOLD TO NEAREST 100RPM	0	0
	PTO2 ACCEL BUMP-UP RPM	PTO2 ACCEL "BUMP-UP" 100RPM	0	0
	PTO2 DECEL BUMP-DOWN RPM	PTO2 DECEL "BUMP-DOWN" 100RPM	0	0

			WEIGHT (LB)	
PAINT		DESCRIPTION	FRONT	REAR
S	PAINT DESIGN	SINGLE COLOR	0	0
S	PAINT TYPE	SOLID PAINT	0	0
	PAINT COLOR - FIRST COLOR	OMAHA ORANGE; P9215	0	0
S	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR	0	0
S	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR	0	0
S	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT	0	0
S	CAB COLOR	SAME AS FIRST COLOR - CAB	0	0
S	HOOD COLOR	SAME AS FIRST COLOR - HOOD	0	0
	SUN VISOR COLOR	SAME AS FIRST COLOR - SUN VISOR	0	0
S	SLEEPER ROOF COLOR	WITHOUT SLEEPER ROOF COLOR	0	0



			WEIGHT (LB)	
PAINT		DESCRIPTION	FRONT	REAR
S	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING	0	0
S	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE)	0	0
	BUMPER	W/O OPTIONAL BUMPER PAINT	0	0
s	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT	0	0
	HUBS & DRUMS-FRONT	WITHOUT PAINT	0	0
S	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR	0	0

			WEIGHT (LB)	
CALC	ULATED CODES - KAX	DESCRIPTION	FRONT	REAR
S	PROPCALC SELECTION	YES, THE ORDER MUST BE CALCULATED	0	0
	AUTO ROUTING & CLIPPING, CENTER	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION	0	0

			w	EIGHT (LB)
BASE \	WARRANTY & PURCHASED RAGES	DESCRIPTION	FRONT	REAR
S	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION	0	0
S	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)	0	0
s	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)	0	0
s	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)	0	0
s	TRANSMISSION WARRANTY	36 MONTHS: STANDARD mDRIVE HD TRANSMISSIONS HEAVY DUTY WARRANTY	0	0
s	CARRIER & AXLE HOUSING WARRANTY	STANDARD MACK HEAVY DUTY COVERAGE 60 MONTHS / 500,000 (804,672 KM)	0	0
s	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE	0	0
s	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES	0	0
s	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)	0	0
S	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall))	0	0
S	PREPAID API	WITHOUT PREPAID API	0	0
S	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE	0	0

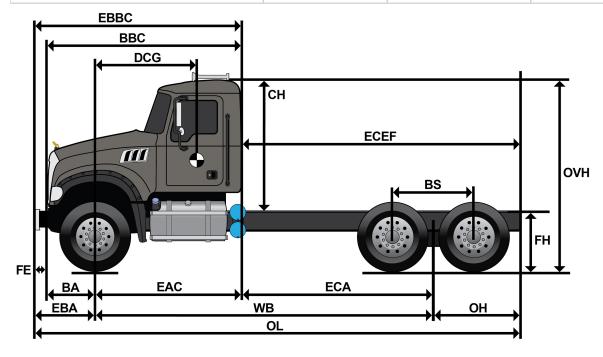
			WE	EIGHT (LB)
Z - TO I OBSOL	BE DISCONTINUED - GOING LETE	DESCRIPTION	FRONT	REAR
S	PAINTED DISC WHEELS, FRONT	WITHOUT PAINT	0	0
S	PAINTED DISC WHEELS, REAR	WITHOUT PAINT	0	0

	WE	EIGHT (LB)
ADDITIONAL ENGINEERING (Requested) DESCRIPTION	FRONT	REAR
CA	0	0
FRONT / REAR AXLE WEIGHTS (LB)	9952	8116
TOTAL WEIGHT (LB)		18067

PRICELIST DATE	QUOTATION	DATE	PAGE	CUSTOMER NAME	DEALER NAME
20210104	WE2020000106C654	2/26/2021	10 of 14	ROCK COUNTY PUBLIC WORKS	WORLDWIDE EQUIPMENT, INC.

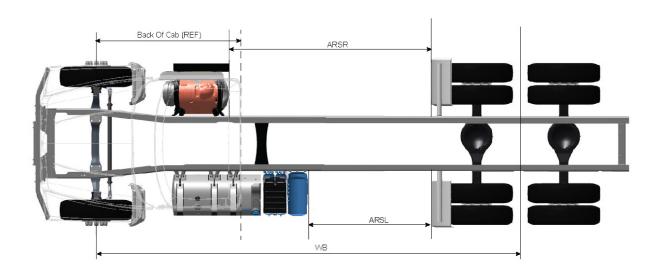


VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY						
Description	Sales Code	Dwg Ref	Length	UOM		
Front Frame Extension	N/A	FE	20.0	INCHES		
Bumper to Front Axle	N/A	BA	29.0	INCHES		
Wheelbase	N/A	WB	228.1	INCHES		
Rear Overhang	N/A	OH	63.4	INCHES		
Overall Length	N/A	OL	340.6	INCHES		
Bumper to Back of Cab	N/A	BBC	116.5	INCHES		
Eff. Bumper to Back of Cab	N/A	EBBC	136.5	INCHES		
Eff. Cab to Rear Axle	N/A	ECA	140.6	INCHES		
Eff. Front Axle to Back of Cab	N/A	EAC	87.5	INCHES		
Eff. Cab to End of Frame	N/A	ECEF	204.0	INCHES		
Unladen 5th Wheel Height	E5BZ1X	5W	0.0	INCHES		
Unladen Frame Height	N/A	FH	43.9	INCHES		
Cab Height	N/A	СН	70.9	INCHES		
Overall Height	N/A	OVH	117.9	INCHES		
Driver CG	N/A	DCG	70.9	INCHES		
54" AXLE SPACING (BOGIE WHEELBASE)	GWXDGX	BS	53.9	INCHES		
Second Front Axle Spacing	RHXZ1X	SFAS	0.0	INCHES		





VEHICLE SPI	ECIFICATION/CALCULATED PE	RFORMANCE SU	MMARY	
Description	Sales Code	Dwg Ref	Left Value(in)	Right Value(in)
Wheelbase	N/A	WB	228.1	228.1
Available Rail Space Right	N/A	ARSR	N/A	71.7
Available Rail Space Left	N/A	ARSL	57.2	N/A
Eff. Front Axle to Back of Cab	N/A	REF	87.5	87.5
Front Axle To Fender	CDX23X	N/A	35.4	35.4
Cleartech One Unit	DPF04F	N/A	0.0	48.0
Battery Box	393AC4	N/A	15.0	15.0
93 GALLON (350 L) 26" ALUMINUM, SLEEVED D- SHAPED / W/O RH FUEL TANK	288AF6 / 290AA1	N/A	41.1	0.0
Ad-Blue Tank	DF10P1	N/A	7.5	0.0
Quarter Fender	68XC1X	N/A	10.0	10.0
Outboard Air Reservoirs Behind Fuel Tank	N/A	N/A	14.0	0.0
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.



Front Suspension 244AB8 MACK TAPERLEAF 23000# (10400kg) GROUND LOAD RATING, EQUAL BIAS 23000 Front Tires 9004W0 445/65R22.5 M BRIDGESTONE M864 (25600 lbs) 25574 Front Wheels 5312T1 22.5x13.0 ALCOA 83462x CLEAN BUFFED ALUMINUM, 6.42" OFFSET, 10 HAND HOLE Front GAWR 23000 Rear Axle 268AA9 46000# (20900kg) MACK S462R CAST DUCTILE HOUSING 46001 Rear Suspension 186AC7 MACK mRIDE 46 PARABOLIC 3-LEAF, 46000# 46001 Rear Tires 901AJ6 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) 48040 Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE Rear GAWR 46001	o-Category	Sales Code	Sales Code Description	Value	UOM
Front Tires 9004W0 445/65R22.5 M BRIDGESTONE M864 (25600 lbs) 25574 Front Wheels 5312T1 22.5x13.0 ALCOA 83462x CLEAN BUFFED ALUMINUM, 6.42" OFFSET, 10 HAND HOLE Front GAWR 23000 Rear Axle 268AA9 46000# (20900kg) MACK S462R CAST DUCTILE HOUSING 46001 Rear Suspension 186AC7 MACK mRIDE 46 PARABOLIC 3-LEAF, 46000# 46001 Rear Tires 901AJ6 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) 48040 Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE Rear GAWR 46001	ront Axle	240AA5		23000	LB
Front Wheels 5312T1 22.5x13.0 ALCOA 83462x CLEAN BUFFED ALUMINUM, 6.42" OFFSET, 10 HAND HOLE Front GAWR 23000 Rear Axle 268AA9 46000# (20900kg) MACK S462R CAST DUCTILE HOUSING 46001 Rear Suspension 186AC7 MACK mRIDE 46 PARABOLIC 3-LEAF, 46000# 46001 Rear Tires 901AJ6 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) 48040 Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE Rear GAWR 46001	Suspension	244AB8	MACK TAPERLEAF 23000# (10400kg) GROUND LOAD RATING, EQUAL BIAS	23000	LB
Front Wheels 531211 HOLE 25596 Front GAWR 23000 Rear Axle 268AA9 46000# (20900kg) MACK S462R CAST DUCTILE HOUSING 46001 Rear Suspension 186AC7 MACK mRIDE 46 PARABOLIC 3-LEAF, 46000# 46001 Rear Tires 901AJ6 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) 48040 Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE Rear GAWR 46001 Truck GVWR 69000	ront Tires	9004W0	445/65R22.5 M BRIDGESTONE M864 (25600 lbs)	25574	LB
Rear Axle 268AA9 46000# (20900kg) MACK S462R CAST DUCTILE HOUSING 46001 Rear Suspension 186AC7 MACK mRIDE 46 PARABOLIC 3-LEAF, 46000# 46001 Rear Tires 901AJ6 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) 48040 Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE 59199 Rear GAWR 46001	ont Wheels	5312T1		25596	LB
Rear Suspension 186AC7 MACK mRIDE 46 PARABOLIC 3-LEAF, 46000# 46001 Rear Tires 901AJ6 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) 48040 Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE 59199 Rear GAWR 46001			Front GAWR	23000	LB
Rear Tires 901AJ6 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) 48040 Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE 59199 Rear GAWR 46001 Truck GVWR 69000	Rear Axle	268AA9	46000# (20900kg) MACK S462R CAST DUCTILE HOUSING	46001	LB
Rear Wheels 3463E6 22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE 59199 Rear GAWR 46001	Suspension	186AC7	MACK mRIDE 46 PARABOLIC 3-LEAF, 46000#	46001	LB
Rear Wheels 3463E6 HOLE S9199 Rear GAWR 46001 Truck GVWR 69000	ear Tires	901AJ6	11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY)	48040	LB
Truck GVWR 69000	ar Wheels	3463E6		59199	LB
			Rear GAWR	46001	LB
Gross Combination Weight Rating 80000			Truck GVWR	69000	LB
'			Gross Combination Weight Rating	80000	LB
Tax Value GVWR (USA FET Only) 69000			Tay Value OVAND (LICA FET Oak)	69000	LB

