

TECHNICAL SPECIFICATION

GRANITE 64FR



CUSTOMER/VEHICLE INFO		DESCRIPTION
S	CHASSIS (BASE MODEL)	GRANITE 64FR
	VEHICLE USE & BODY/TRAILER TYPE	VACUUM TRUCK
	TRAILER TYPE	WITHOUT TRAILER TYPE
ENGINE/TRANSMISSIONS		DESCRIPTION
	ENGINE / MOTOR	MP7-425C MACK 425HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1550 LB-FT, US'21
	TRANSMISSION	4500 RDS 6 SPEED ALLISON GEN 6 W/PROGNOSTICS, WITH PTO PROVISION
EXHAUST/EMISSIONS		DESCRIPTION
S	DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21
	DIESEL EXHAUST FLUID TANK	8.7 GALLON (33 L) 26" LEFT SIDE FUEL TANK MTD
	EXHAUST	SINGLE VERTICAL RIGHT SIDE CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END
ENGINE EQUIPMENT		DESCRIPTION
S	BATTERY BOX - MOUNTING (x)	LH RAIL UNDER CAB FORWARD OF FUEL TANK (3 BATTERY MAX)
	ENGINE BRAKE	MACK MP7 POWERLEASH
S	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY
FRONT AXLE EQUIPMENT		DESCRIPTION
	FRONT AXLE	20000# (9100 KG) MACK FXL20 STRAIGHT SPINDLE/UNITIZED BEARINGS
S	FRONT AXLE QUANTITY (required for CERT)	SINGLE FRONT AXLE
	SALES MODEL QUANTITY OF FRONT AXLES	SALES MODEL HAS ONE (1) FRONT AXLE INSTALLED
	SPRINGS - FRONT	MACK TAPERLEAF HD 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS
S	BRAKES - FRONT	MERITOR EX+ AIR DISC BRAKES 430MM (17") H-TYPE
S	FRONT AXLE LUBRICANT	FRONT AXLE LUBE, FAG NLGI2 GREASE
REAR AXLE EQUIPMENT		DESCRIPTION
	REAR AXLE	46000# (20900kg) MACK S462R CAST DUCTILE IRON HOUSING
	SALES MODEL QUANTITY OF REAR AXLES	SALES MODEL HAS TWO (2) REAR AXLES INSTALLED
S	DRIVE AXLE LUBRICANT	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL
S	CARRIER - REAR AXLE	150/151 SERIES (Tandem Mack Rear Axles up to 150,000lb GCW)
	REAR AXLE RATIO	4.50 RATIO
	REAR SUSPENSION	SS46 MACK CAMELBACK MULTILEAF 46,000 lb, HEAVY DUTY
S	BOGIE SPREAD, REAR	50" AXLE SPACING (BOGIE WHEELBASE)
S	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)
S	ANTILOCK BRAKE SYSTEM	MACK ROAD STABILITY ADV.BENDIX ABS/ATC/RSA W/YAW CNTRLW/MUD/SNOW SW; REQ-TRUCK APPL 6S6M
PUSHER/TAG AXLE EQUIPMENT		DESCRIPTION
	PUSHER AXLE CAPACITY, SECOND	WITHOUT 2ND PUSHER AXLE
	SALES MODEL QUANTITY OF PUSHER AXLES	SALES MODEL HAS ZERO (0) PUSHER AXLES INSTALLED
	SALES MODEL QUANTITY OF TAG AXLES	SALES MODEL HAS ZERO (0) TAG AXLES INSTALLED

TECHNICAL SPECIFICATION *(cont.)*



FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION
	WHEELBASE	268"
	AF (OVERHANG)	73"
	FRAME RAILS & LINERS	11.1 x 90 x 300mm - (0.437" x 3.54" x 11.81")W/ Full Liner; RBM 3,920,000 LB-IN
S	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL
	FUEL TANK - LH	72 GALLON (275 L) 26" ALUMINUM, SLEEVED D-SHAPED
S	FUEL TANK - RH	W/O RH FUEL TANK

AIR/BRAKE		DESCRIPTION
CA	RELOCATE AIR RESERVOIRS	AIR TANKS UNDER BATT BOX, REMAINING INSIDE FRAME RAILS FORWARD OF REAR AXLE

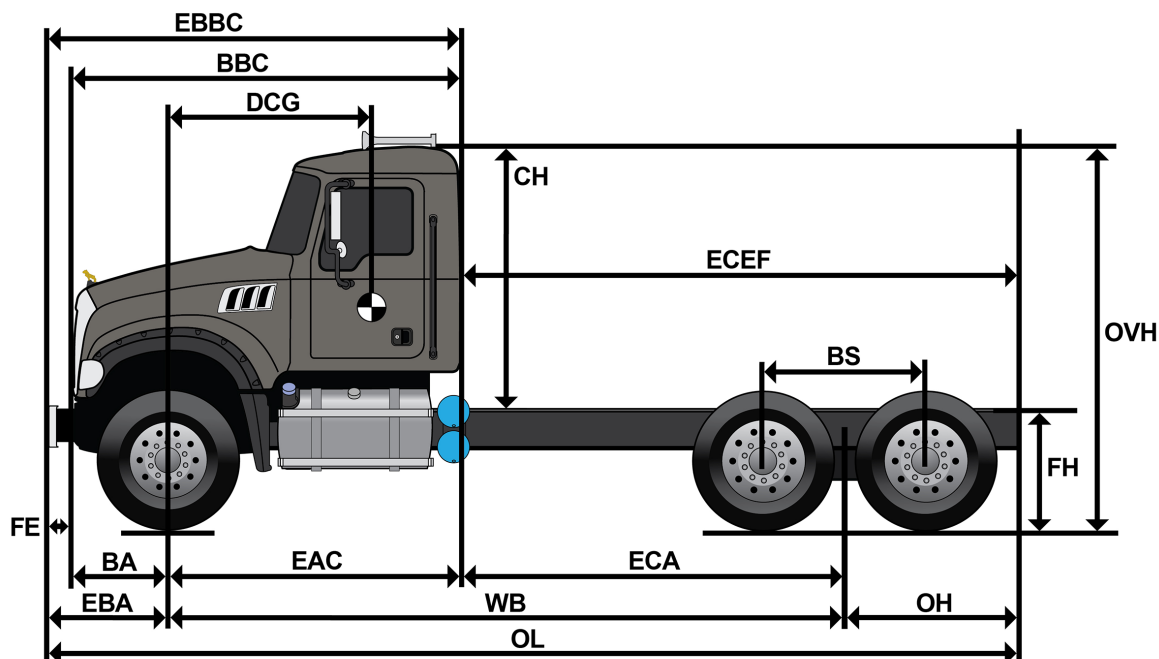
AERODYNAMIC DEVICES		DESCRIPTION
S	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES
S	FRONT CHASSIS AERODYNAMIC PACKAGE	WITHOUT FRONT AERODYNAMIC FAIRINGS
S	REAR CHASSIS AERODYNAMIC PACKAGE	WITHOUT REAR AERODYNAMIC FAIRING

WHEELS & TIRES		DESCRIPTION
	TIRES BRAND/TYPE - FRONT	425/65R22.5 L BRIDGESTONE M870 (22800 lbs) (Total for QTY = 2)
	WHEELS - FRONT	22.5x12.25 MAXION 222204x WHITE POWDER COATED STEEL, 5.28" OFFSET, 5 HAND HOLE (Total for QTY = 2)
	TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE M726 ELA (23360 lbs) (DRIVE ONLY) (Total for QTY = 8)
	WHEELS - REAR	22.5x8.25 ACCURIDE HEAVY DUTY 28828x WHITE POWDER COAT STEEL, 6.62" OFFSET, 2 HAND HOLE (Total for QTY = 8)

PAINT		DESCRIPTION
S	PAINT DESIGN	SINGLE COLOR
S	PAINT COLOR - FIRST COLOR	MACK WHITE; P9188

ADDITIONAL ENGINEERING (Included)		DESCRIPTION
CA		

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY			
Description	Dwg Ref	Length	UOM
Front Frame Extension	FE	20.0	INCHES
Bumper to Front Axle	BA	29.0	INCHES
Eff. Bumper to Front Axle	N/A	49.0	INCHES
Wheelbase	WB	267.5	INCHES
Rear Overhang	OH	73.2	INCHES
Overall Length	OL	389.8	INCHES
Bumper to Back of Cab	BBC	116.5	INCHES
Eff. Bumper to Back of Cab	EBBC	136.5	INCHES
Eff. Cab to Rear Axle	ECA	180.0	INCHES
Eff. Front Axle to Back of Cab	EAC	87.5	INCHES
Eff. Cab to End of Frame	ECEF	253.2	INCHES
Unladen Frame Height	FH	44.6	INCHES
Cab Height	CH	70.9	INCHES
Overall Height	OVH	118.6	INCHES
Driver CG	DCG	70.9	INCHES
50" AXLE SPACING (BOGIE WHEELBASE)	BS	50.0	INCHES



MACK®



Mack Trucks
www.macktrucks.com