

TECHNICAL SPECIFICATION

HB64T P-BUILDS



N4838

MODEL - ORDER DEFINING		DESCRIPTION
CHASSIS (BASE MODEL)		PIONEER 64T 76" HIGH ROOF SLEEPER
APPLICATION PACKAGES		DESCRIPTION
AMENITIES PACKAGES		AMENITIES MAX PACKAGE, 76" High Roof Sleeper
TECHONOLGY PACKAGE		TECHNOLOGY MAX PACKAGE, 76" High Roof Sleeper
AERODYNAMIC PACKAGES		PIONEER STANDARD AERO PACKAGE, 76" High Roof Sleeper
ENGINE / TRANSMISSION		DESCRIPTION
POWERTRAIN CONCEPT		HIGHWAY HAUL, OVERDRIVE
ENGINE PACKAGE, COMBUSTION		MP13-515 MACK 515HP@1850LB-FT, US24
S	TRANSMISSION	MACK TMD12AGO mDRIVE 12 SP-OD (OVERDRIVE)
ENGINE / TRANSMISSION EQUIPMENT		DESCRIPTION
S	AIR INTAKE & CLEANER	OUTSIDE AIR INTAKE WITH ONE STAGE AIR CLEANER
	ALTERNATOR	24V 160AMP BRUSHLESS, DELCO REMY
	BATTERY BOX	6 BATTERY BOX, MOUNTED ON LEFT RAIL
	BATTERIES	6 AGM BATTERIES @ 4950 CCA INCLUDING AN ULTRA CAPACITOR
	EXHAUST	13' 5" VERTICAL RH INBOARD CHROMED SS TURNED OUT, HORIZONTAL EATS
	DRIVELINE - MAIN	MERITOR RPL35, W/PERMALUBE U-JOINTS & CROSS SERRATED YOKE - XLARGE (PROPS-XL)
	DRIVELINE - INTERAXLE	MERITOR RPL25 W/PERMALUBE
S	FUEL-WATER SEPARATOR	MACK FUEL WATER SEPARATOR, ENGINE MOUNTED
	ENGINE HEATERS	120v 1500w BLOCK HEATER + 150w OIL PAN HEATER
FRONT AXLE EQUIPMENT		DESCRIPTION
	FRONT AXLE	13200# (6000 KG) MACK FXL13.2
	SPRINGS - FRONT	MACK COMFORT RIDE PARABOLIC SPRING, MAINT. FREE FRONT SUSPENSION, EQUAL BIAS
S	FRONT AXLE BRAKE & HUB	MERITOR 430MM (17") DISC, SINGLE PISTON, ALUMINUM PRESET PLUS HUBS W/ LONG WHEEL STUDS
REAR AXLE EQUIPMENT		DESCRIPTION
	REAR AXLE	40000# (18100kg) MERITOR MT40-14X4D HYPOID (LOW ENTRY), 11mm (7/16") Casing
	RATIO - REAR AXLE	3.25 RATIO
	REAR SUSPENSION	46000# (20900kg) MACK MaxRide, STD HEIGHT, 54" BOGIE
S	REAR AXLE BRAKE & HUB	MERITOR 430MM (17") DISC, SINGLE PISTON, ALUMINUM PRESET PLUS HUBS W/ LONG WHEEL STUDS
FRAME EQUIPMENT / FUEL TANKS		DESCRIPTION
	FRAME RAILS & LINERS	8 x 90 x 300mm - (0.31" x 3.54" x 11.81"); RBM 2,120,000 LB-IN
	WHEELBASE	238"
	AF (OVERHANG)	57"
	FUEL TANK - LH	26" 125 GALLON (475 LITER) ALUMINUM DIESEL COMBO TANK (includes 28 gallon DEF)
	FUEL TANK - RH	26" 150 GALLON (570 LITER) ALUMINUM TANK
S	DIESEL EXHAUST FLUID TANK	28 GALLON (107 LITER) included in LH 26" COMBO FUEL TANK

TECHNICAL SPECIFICATION *(cont.)*



TRAILER or BODY CONNECTIONS		DESCRIPTION
	FIFTH WHEEL	AIR 24" SLIDING - HOLLAND FW35, LH AIR RELEASE, STEEL ANGLES
ADVANCED DRIVER ASSISTANCE SYSTEMS		DESCRIPTION
	DRIVER MONITORING SYSTEM	PREP KIT FOR LYTX DRIVER MONITORING SYSTEM
CAB - INTERIOR		DESCRIPTION
	INTERIOR TRIM LEVELS	ELITE TRIM LEVEL FOR 76" HIGH ROOF SLEEPER
CAB EXTERIOR		DESCRIPTION
S	FRONT BUMPER	3-PIECE AERO BUMPER, PLASTIC MOLDED COLOR CENTER & PAINTED CORNERS, WITH SPOILER
AERODYNAMIC DEVICES		DESCRIPTION
	AERODYNAMIC CHASSIS FAIRINGS PACKAGE	CHASSIS FAIRINGS PAINTED WITH GROUND EFFECTS
WHEELS & TIRES		DESCRIPTION
	TIRES BRAND/TYPE - FRONT	11R22.5 H MICHELIN X LINE ENERGY Z (13220 lbs) (Total for QTY = 2)
	WHEELS - FRONT	22.5x8.25 ALCOA 88067x HIGH POLISHED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 2)
	TIRES BRAND/TYPE - REAR	11R22.5 H MICHELIN XDN2 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)
	WHEELS - REAR	22.5x8.25 ALCOA 88067x HIGH POLISHED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 8)
PAINT		DESCRIPTION
S	PAINT DESIGN	SINGLE COLOR PAINT (NO BREAKS)
	PAINT COLOR - FIRST COLOR	ARCTIC WHITE (MACK EXCLUSIVE COLOR); 932845

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Dwg Ref	Length	UOM
Front Frame Extension			
Bumper to Front Axle			
Eff. Bumper to Front Axle			
Wheelbase			
Rear Overhang			
Overall Length			
Bumper to Back of Cab			
Eff. Bumper to Back of Cab			
Eff. Cab to Rear Axle			
Eff. Front Axle to Back of Cab			
Eff. Cab to End of Frame			
Unladen 5th Wheel Height			
Unladen Frame Height			
Cab Height			
Overall Height			
Driver CG			

