

# TECHNICAL SPECIFICATION

## PIONEER 64T



N4874

MODEL - ORDER DEFINING		DESCRIPTION
	CHASSIS (BASE MODEL)	PIONEER 64T 76" MID ROOF SLEEPER

  

APPLICATION PACKAGES		DESCRIPTION
	AMENITIES PACKAGES	AMENITIES MAX PACKAGE, 76" Mid Roof Sleeper
	TECHONOLOGY PACKAGE	STANDARD TECHNOLOGY PACKAGE, 76" Mid Roof Sleeper
	AERODYNAMIC PACKAGES	PIONEER AERO LITE PACKAGE, 76" Mid Roof Sleeper

  

ENGINE / TRANSMISSION		DESCRIPTION
	POWERTRAIN CONCEPT	HIGHWAY HAUL, OVERDRIVE (vsc)
	ENGINE PACKAGE, COMBUSTION	MP13-515 MACK 515HP@1900LB-FT, US24
	TRANSMISSION	MACK TMD13AGO-HD mDRIVE HD 13 SP-OD, CREEPER / MULTI-SPEED REVERSE (OVERDRIVE)

  

ENGINE / TRANSMISSION EQUIPMENT		DESCRIPTION
<b>S</b>	AIR INTAKE & CLEANER	OUTSIDE AIR INTAKE WITH ONE STAGE AIR CLEANER
	ALTERNATOR	24V 180AMP BRUSH, SEG AUTOMOTIVE
<b>S</b>	BATTERY BOX	4 BATTERY BOX, MOUNTED ON LEFT RAIL
<b>S</b>	BATTERIES	4 AGM BATTERIES @ 3300 CCA
<b>S</b>	EXHAUST	HORIZONTAL RHS INBOARD, HORIZONTAL EATS
	DRIVELINE - MAIN	MERITOR RPL35-SD, W/PERMALUBE U-JOINTS & CROSS SERRATED YOKE - 2XLARGE (PROPS-2XL)
	DRIVELINE - INTERAXLE	MERITOR RPL25 W/PERMALUBE
<b>S</b>	FUEL-WATER SEPARATOR	MACK FUEL WATER SEPARATOR, ENGINE MOUNTED
	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY

  

FRONT AXLE EQUIPMENT		DESCRIPTION
	FRONT AXLE	13200# (6000 KG) MACK FXL13.2
<b>S</b>	SPRINGS - FRONT	MACK PARABOLIC, MAINTENANCE FREE FRONT SUSPENSION, EQUAL BIAS
	FRONT AXLE BRAKE & HUB	MACK 430MM (17") DISC, L-TYPE, IRON UNITIZED HUBS W/ LONG WHEEL STUDS

  

REAR AXLE EQUIPMENT		DESCRIPTION
	REAR AXLE	46000# (20900kg) MERITOR RT46-164, 16mm (5/8") Casing
	RATIO - REAR AXLE	3.21 RATIO
	REAR SUSPENSION	46000# (20900kg) MACK MaxLite AIR, HIGH HEIGHT, 51" BOGIE
	REAR AXLE BRAKE & HUB	MERITOR CAST Q+ 16.5"x7", IRON 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	228"
	AF (OVERHANG)	57"
<b>S</b>	FUEL TANK - LH	26" 100 GALLON (380 LITER) ALUMINUM DIESEL COMBO TANK (includes 28 gallon DEF)
	FUEL TANK - RH	26" 150 GALLON (570 LITER) ALUMINUM TANK
<b>S</b>	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	FIXED - HOLLAND FW35, LH RELEASE, STEEL ANGLES

ADVANCED DRIVER ASSISTANCE SYSTEMS		DESCRIPTION
S	DRIVER MONITORING SYSTEM	WITHOUT ANY DRIVER MONITORING SYSTEM

CAB - INTERIOR		DESCRIPTION
	INTERIOR TRIM LEVELS	PREFERRED TRIM LEVEL FOR 76" MID ROOF SLEEPER

CAB EXTERIOR		DESCRIPTION
S	FRONT BUMPER	3-PIECE AERO BUMPER, PLASTIC MOLDED COLOR CENTER & PAINTED CORNERS, WITH SPOILER

AERODYNAMIC DEVICES		DESCRIPTION
S	AERODYNAMIC CHASSIS FAIRINGS PACKAGE	CHASSIS FAIRINGS PAINTED w/o 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 DURA-BLACK ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 2)
	TIRES BRAND/TYPE - REAR	11R22.5 H MICHELIN XDS2 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)
	WHEELS - REAR	22.5x8.25 ALCOA 88067x DURA-BLACK 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	BLACK; L0001

**VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY**

Description	Dwg Ref	Length	UOM
Front Frame Extension	<b>FE</b>	0.0	INCHES
Bumper to Front Axle	<b>BA</b>	54.7	INCHES
Eff. Bumper to Front Axle	<b>EBA</b>	54.7	INCHES
Wheelbase	<b>WB</b>	228.3	INCHES
Rear Overhang	<b>OH</b>	56.9	INCHES
Overall Length	<b>OL</b>	339.9	INCHES
Bumper to Back of Cab	<b>BBC</b>	188.9	INCHES
Eff. Bumper to Back of Cab	<b>EBBC</b>	188.9	INCHES
Eff. Cab to Rear Axle	<b>ECA</b>	94.1	INCHES
Eff. Front Axle to Back of Cab	<b>EAC</b>	134.3	INCHES
Eff. Cab to End of Frame	<b>ECEF</b>	151.0	INCHES
Unladen 5th Wheel Height	<b>5W</b>	48.0	INCHES
Unladen Frame Height	<b>FH</b>	41.5	INCHES
Cab Height	<b>CH</b>	98.1	INCHES
Overall Height	<b>OVH</b>	139.6	INCHES
Driver CG	<b>DCG</b>	55.1	INCHES
BOGIE SPREAD, 1300MM (51.0")	<b>BS</b>	51.2	INCHES

