

# TECHNICAL SPECIFICATION

## ANTHEM GEN2 64T



N4873

MODEL - ORDER DEFINING		DESCRIPTION
	CHASSIS (BASE MODEL)	ANTHEM 64T DAYCAB
S	VEHICLE WIDTH	2590 MM (102") VEHICLE WIDTH

APPLICATION PACKAGES		DESCRIPTION
	AMENITIES PACKAGES	STANDARD AMENITIES PACKAGE, DayCab
	TECHONOLOGY PACKAGE	STANDARD TECHNOLOGY PACKAGE, DayCab
S	AERODYNAMIC PACKAGES	ANTHEM TRACTOR STANDARD AERO PACKAGE, DayCab

ENGINE / TRANSMISSION		DESCRIPTION
	POWERTRAIN CONCEPT	HIGHWAY HAUL, OVERDRIVE (vsc)
	ENGINE PACKAGE, COMBUSTION	MP13-445 MACK 445HP@1850LB-FT, US24
	TRANSMISSION	MACK TMD12AGO-HD mDRIVE HD 12 SP-OD (OVERDRIVE)

ENGINE / TRANSMISSION EQUIPMENT		DESCRIPTION
S	AIR INTAKE & CLEANER	OUTSIDE AIR INTAKE WITH ONE STAGE AIR CLEANER
	ALTERNATOR	24V 130AMP BRUSHLESS, DELCO REMY
S	BATTERY BOX	4 BATTERY BOX, MOUNTED ON LEFT RAIL
S	BATTERIES	4 AGM BATTERIES @ 3300 CCA
	EXHAUST	13' 5" VERTICAL RH INBOARD STAINLESS STEEL TURNED OUT, HORIZONTAL EATS
	DRIVELINE - MAIN	MERITOR RPL25 W/PERMALUBE U-JOINTS & HALF ROUND YOKE - MEDIUM (PROPS-M)
S	DRIVELINE - INTERAXLE	MERITOR RPL20 W/PERMALUBE
S	FUEL-WATER SEPARATOR	MACK FUEL WATER SEPARATOR, ENGINE MOUNTED
S	ENGINE HEATERS	120v 1000w BLOCK HEATER ONLY

FRONT AXLE EQUIPMENT		DESCRIPTION
S	FRONT AXLE	12500# (5700 KG) MACK FXL12.5
S	SPRINGS - FRONT	MACK HIGHWAY PARABOLIC, MAINTENANCE FREE FRONT SUSPENSION, EQUAL BIAS
	FRONT AXLE BRAKE & HUB	MACK 430MM (17") DISC, L-TYPE, ALUMINUM PRESET PLUS HUBS

REAR AXLE EQUIPMENT		DESCRIPTION
	REAR AXLE	40000# (18100kg) MERITOR MT40-14X4D HYPOID (LOW ENTRY), 11mm (7/16") Casing
	RATIO - REAR AXLE	3.08 RATIO
S	REAR SUSPENSION	40000# (18100kg) MACK MaxLite AIR, STD HEIGHT, 51" BOGIE
S	REAR AXLE BRAKE & HUB	MERITOR STAMPED Q+ 16.5"x7", IRON PRESET PLUS HUBS

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	175"
	AF (OVERHANG)	57"
	FUEL TANK - LH	26" 75 GALLON (285 LITER) ALUMINUM POLISHED DIESEL COMBO TANK (includes 28 gallon DEF)
	FUEL TANK - RH	26" 75 GALLON (285 LITER) ALUMINUM POLISHED 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	FIXED - HOLLAND FW35, LH RELEASE, STEEL ANGLES

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

CAB - INTERIOR		DESCRIPTION
S	INTERIOR TRIM LEVELS	COMFORT TRIM LEVEL FOR DAYCABS

CAB EXTERIOR		DESCRIPTION
	FRONT BUMPER	3-PIECE AERO BUMPER, CLAD BRIGHT FINISH CENTER & PAINTED CORNERS

AERODYNAMIC DEVICES		DESCRIPTION
S	AERODYNAMIC CHASSIS FAIRINGS PACKAGE	W/O CHASSIS FAIRINGS

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 MIRROR 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	<b>FE</b>	0.0	INCHES
Bumper to Front Axle	<b>BA</b>	51.1	INCHES
Eff. Bumper to Front Axle	<b>EBA</b>	51.1	INCHES
Wheelbase	<b>WB</b>	175.2	INCHES
Rear Overhang	<b>OH</b>	56.9	INCHES
Overall Length	<b>OL</b>	283.1	INCHES
Bumper to Back of Cab	<b>BBC</b>	113.5	INCHES
Eff. Bumper to Back of Cab	<b>EBBC</b>	121.5	INCHES
Eff. Cab to Rear Axle	<b>ECA</b>	104.8	INCHES
Eff. Front Axle to Back of Cab	<b>EAC</b>	70.4	INCHES
Eff. Cab to End of Frame	<b>ECEF</b>	161.7	INCHES
Unladen 5th Wheel Height	<b>5W</b>	47.5	INCHES
Unladen Frame Height	<b>FH</b>	40.7	INCHES
Cab Height	<b>CH</b>	116.9	INCHES
Overall Height	<b>OVH</b>	159.1	INCHES
Driver CG	<b>DCG</b>	47.2	INCHES
BOGIE SPREAD, 1300MM (51.0")	<b>BS</b>	51.2	INCHES

