

TECHNICAL SPECIFICATION

ANTHEM 64T SLEEPER 70INCH



N4805

			WEIGHT (LB)	
CUSTOMER/VEHICLE INFO	DESCRIPTION		FRONT	REAR
S	CHASSIS (BASE MODEL)	ANTHEM 64T SLEEPER 70INCH	5,036	1,822
	VEHICLE USE & BODY/TRAILER TYPE	FLATBED TRAILER	0	0
	TRAILER TYPE	SEMI TRAILER WITHOUT FRONTAXLES USING KINGPIN	0	0

			WEIGHT (LB)	
ENGINE/TRANSMISSIONS	DESCRIPTION		FRONT	REAR
	ENGINE / MOTOR	MP8-505C+ MACK 505HP @ 1400-1700 RPM (PEAK) 2100 RPM (GOV) 1900 LB-FT, US'21	2,902	-264
CA	TRANSMISSION	FULLER RTLO-20918B (14.40/0.73)	618	206

			WEIGHT (LB)	
EXHAUST/EMISSIONS	DESCRIPTION		FRONT	REAR
S	DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21	0	0
S	DIESEL EXHAUST FLUID TANK	18.4 GALLON (70 L) 26" LEFT SIDE FRAME MOUNTED	190	67
	EXHAUST	DUAL VERTICAL INBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT	78	38

			WEIGHT (LB)	
ENGINE EQUIPMENT	DESCRIPTION		FRONT	REAR
	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE AND WINTER FRONT COVER (-40F and UP)	3	0
	AIR COMPRESSOR/DRYER	BENDIX HEATED AD9 AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR	12	5
S	ALTERNATOR	DELCO 12V 165A (36SI) BRUSHLESS W/ REMOTE VOLTAGE SENSING	27	0
	BATTERIES	(4) MACK 12V 730/2920 CCA THREADED STUD, DUAL PURPOSE	80	25
S	BATTERY BOX - MOUNTING (x)	LH RAIL UNDER CAB, PARALLEL TO FRAME W/STEPS, W/AIR RESERVOIR MOUNTED BELOW (4 BATTERY MAX)	0	0
	BATTERY BOX COVER	POLISHED ALUMINUM	5	0
	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE	3	0
S	STARTER MOTOR	12 VOLT MELCO STARTER (MITSUBISHI ELECTRIC)	31	0
	ENGINE BRAKE	MACK MP8 POWERLEASH	0	0
	ENGINE HEATERS	GRID HEATER + 120v 1500w BLOCK HEATER	0	0
	ENGINE BLOCK HEATER	120V 1500W ENGINE BLOCK HEATER	5	0
	ENGINE STARTING AID	ELECTRIC PREHEATER	7	0

			WEIGHT (LB)	
CLUTCH/TRANS EQUIPMENT	DESCRIPTION		FRONT	REAR
	CLUTCH	EATON ADVANTAGE SOLO 9-SPRING, 2PLATE 15.5" CERAMIC 6 PADDLES, SELF ADJUST	7	0
	CLUTCH PEDAL	RUBBER PAD	3	0
	DRIVELINE - MAIN	MERITOR RPL35, WITH CROSS SERRATED YOKE (PROPS-XL)	20	45
	DRIVELINE - INTERAXLE	MERITOR RPL25	0	36
	TRANSMISSION OIL COOLER	TRANS OIL COOLER (INTEGRAL OIL PUMP)	45	3

TECHNICAL SPECIFICATION *(cont.)*



			WEIGHT (LB)	
FRONT AXLE EQUIPMENT	DESCRIPTION		FRONT	REAR
	FRONT AXLE	14600# (6600 KG) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS	69	0
S	FRONT AXLE QUANTITY (required for CERT)	SINGLE FRONT AXLE	0	0
	SALES MODEL QUANTITY OF FRONT AXLES	SALES MODEL HAS ONE (1) FRONT AXLE INSTALLED	0	0
	SPRINGS - FRONT	MACK TAPERLEAF 14600# (6600 KG) GROUND LOAD RATING, EQUAL BIAS	16	0
	BRAKES - FRONT	MERITOR "S" CAM TYPE 16.5" x 6" Q+	29	0
S	DUST SHIELDS - FRONT	DUST SHIELDS FOR FRONT AXLE	5	0
	SLACK ADJUSTERS - FRONT	MERITOR - AUTOMATIC	3	0
	HUBS - FRONT	FERROUS	106	0
S	FRONT AXLE LUBRICANT	FRONT AXLE LUBE, FAG NLGI2 GREASE	0	0
	STEERING	TRW TAS66 INTEGRAL POWER	78	0

			WEIGHT (LB)	
REAR AXLE EQUIPMENT	DESCRIPTION		FRONT	REAR
	REAR AXLE	46000# (20900kg) MERITOR RT46-164EH	0	1,786
	SALES MODEL QUANTITY OF REAR AXLES	SALES MODEL HAS TWO (2) REAR AXLES INSTALLED	0	0
	LUBE PUMP, REAR AXLE	LUBE PUMP AND FILTER	0	16
S	DRIVE AXLE LUBRICANT	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL	0	0
S	CARRIER - REAR AXLE	VENDOR AXLES	0	0
S	POWER DIVIDER LOCKOUT	INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40
	REAR AXLE RATIO	3.91 RATIO	0	0
	REAR SUSPENSION	PAX 46 HIGH STABILITY HENDRICKSON PRIMAXX AIR (VENDOR AXLES ONLY)	0	1,504
S	BOGIE SPREAD, REAR	52" AXLE SPACING (BOGIE WHEELBASE)	0	36
S	SUSPENSION LEVELING DEVICE	ELECTRICAL REGULATION LEVELING DEVICE	0	3
S	SHOCK ABSORBERS - REAR	REAR SHOCK ABSORBER	0	27
S	AUX.SPRING BRAKE QTY	AUX SPRING BRAKE QTY, 4 CHAMBERS	0	20
	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)	0	27
	DUST SHIELDS - REAR BRAKE	DUST SHIELDS FOR REAR AXLE	0	12
S	HUBS - REAR	ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT	0	212
S	ANTILOCK BRAKE SYSTEM	MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL 4S4M	7	0
S	SPRING BRAKE INVERSION VALVE	TRACTOR SPRING BRAKE INVERSION VALVE	5	0

			WEIGHT (LB)	
PUSHER/TAG AXLE EQUIPMENT	DESCRIPTION		FRONT	REAR
	PUSHER AXLE CAPACITY, SECOND	WITHOUT 2ND PUSHER AXLE	0	0
	SALES MODEL QUANTITY OF PUSHER AXLES	SALES MODEL HAS ZERO (0) PUSHER AXLES INSTALLED	0	0
	SALES MODEL QUANTITY OF TAG AXLES	SALES MODEL HAS ZERO (0) TAG AXLES INSTALLED	0	0

			WEIGHT (LB)	
FRAME EQUIPMENT/FUEL TANKS	DESCRIPTION		FRONT	REAR
	WHEELBASE	227"	86	86
	AF (OVERHANG)	56"	-4	161

TECHNICAL SPECIFICATION *(cont.)*



			WEIGHT (LB)	
FRAME EQUIPMENT/FUEL TANKS	DESCRIPTION		FRONT	REAR
	FRAME RAILS & LINERS	9.5 x 90 x 300mm - (0.37" x 3.54" x 11.81"); RBM 2,470,000 LB-IN	0	0
S	FRONT FRAME LENGTH	STANDARD BUMPER POSITION	84	-8
	CROSSMEMBERS	HIGHWAY SEVERE DUTY BOC AND BCL CROSSMEMBERS	7	12
S	REAR CROSSMEMBER OPTIONS	BOXED AND TAPERED CLOSING CROSSMEMBER FOR USE W/ BUILT IN TAIL LAMPS	-8	49
	MUD FLAP BRACKETS	BETTS B60S (ANGLED) STAINLESS STEEL W/INTEGRATED REFLECTIVE TAPE	0	20
	MUD FLAP, REAR AXLE	BLACK POLYETHYLENE WITH WHITE "MACK" LETTERS	0	14
	FRONT BUMPER	FLUSH-STAINLESS CLAD ALUMINUM	98	-4
	FUEL TANK - LH	142 GALLON (540 L) 26" ALUMINUM ROUND	228	100
	FUEL TANK - RH	142 GALLON (540 L) 26" ALUMINUM ROUND	197	131
S	FUEL LINE MATERIAL	BRAIDED HOSE	5	3

			WEIGHT (LB)	
AIR/BRAKE	DESCRIPTION		FRONT	REAR
S	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS	0	0
	AIR TANK MATERIAL & FINISH	ALUMINUM AIR TANK, POLISHED ALUMINUM FINISH	-13	-4

			WEIGHT (LB)	
ELECTRICAL	DESCRIPTION		FRONT	REAR
	FOG LAMPS	FOG LAMPS (ROUND)	9	0
S	TAIL LAMPS	LED STOP & TAIL LAMPS W/BACKUP LAMP & LICENSE PLATE MTD IN CLOSING CROSSMEMBER	0	5
	WORK LIGHTS - CHASSIS MOUNTED	RH/LH LED WORK LIGHT (STEPS & GROUND) ON BOTH SIDES TRUCK	3	0

			WEIGHT (LB)	
TRAILER CONNECTIONS	DESCRIPTION		FRONT	REAR
	FIFTH WHEEL	AIR - HOLLAND FW35 ILS SERIES, LH RELEASE (AVAIL: 6.81",7.80",8.82",9.80")	0	516
S	FIFTH WHEEL MTG ANGLES/DRILLING	SLIDING 5TH WHEEL MTG, 24" TRAVEL	0	75
	RAMP, FIFTH WHEEL	BASIC FIFTH WHEEL RAMP	0	29
	FIFTH WHEEL LEG-HEIGHT (KAX Result)	173MM (6.81"), FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX)	0	0
CA	TRAILER ACCESS PACKAGE	DECK PLATE TO EXTEND FROM BOC TO FRONT OF 5TH WHEEL	18	67
	TRAILER HOOKUP LIGHT	DUAL, LIGHTS TO BE MINIMUM OF 48" ABOVE FRAME RAIL	3	0

			WEIGHT (LB)	
PTO	DESCRIPTION		FRONT	REAR
	PTO - CONTROL	TRANSMISSION PTO SWITCH AND LIGHT WITH WIRING AND PIPING FOR LOCAL INSTALLATION	3	0

			WEIGHT (LB)	
CAB INTERIOR (A THRU G)	DESCRIPTION		FRONT	REAR
	FIRE EXTINGUISHER	5LB (ABC RATED) MOUNTED IN SLEEPER BOX, LH LUGGAGE COMPARTMENT	9	0
S	FLOOR COVERING	POLYURETHANE FLOOR MAT W/ REMOVABLE INSERTS	16	0

TECHNICAL SPECIFICATION *(cont.)*



		WEIGHT (LB)	
CAB INTERIOR (H THRU R)	DESCRIPTION	FRONT	REAR
	KEYLESS ENTRY	5	0
	RADIO - CB	9	0

		WEIGHT (LB)	
CAB INTERIOR (S THRU Z)	DESCRIPTION	FRONT	REAR
	SEAT - DRIVER'S	82	23
	SEAT - PASSENGER'S	78	20
	SEAT - DUST COVER(S)	3	0
S	SEAT ARM REST(S)	5	3

		WEIGHT (LB)	
CAB - SLEEPER BOX	DESCRIPTION	FRONT	REAR
S	SLEEPER BOX	355	702
S	WINDSHIELD CURTAINS	5	0
	INVERTER / SHORE POWER	14	0
	SLPR. BOX - REFRIGERATOR PROV	20	47
	TV OUT & ANT (INT)	14	7
S	LOWER BUNK	5	5
S	STORAGE OVERHEAD BUNK	18	40
S	SLPR. BOX - HEATER/AIR COND.	20	18
	AUXILIARY CAB HEATER	12	9
	SLPR. BOX - AUX CIRC FAN	3	0
S	CABINET, LEFT HAND SIDE LOWER	18	40
	CABINET, LEFT HAND SIDE UPPER	20	53
S	CABINET, RIGHT HAND SIDE LOWER	12	25
	CABINET, RIGHT HAND SIDE UPPER	16	31

		WEIGHT (LB)	
CAB EXTERIOR	DESCRIPTION	FRONT	REAR
	PASSENGER SIDE VISIBILITY OPTIONS	5	0
	MIRRORS - PROXIMITY	3	0
S	HORN - AIR	5	0
S	HORN - ELECTRICAL	5	0
	MIRRORS - EXTERIOR	7	0
	SUN VISOR - EXTERIOR	12	0

		WEIGHT (LB)	
AERODYNAMIC DEVICES	DESCRIPTION	FRONT	REAR
	CAB AERODYNAMIC PACKAGES	0	0
	FRONT CHASSIS AERODYNAMIC PACKAGE	0	0

TECHNICAL SPECIFICATION (cont.)



			WEIGHT (LB)	
AERODYNAMIC DEVICES		DESCRIPTION	FRONT	REAR
S	REAR CHASSIS AERODYNAMIC PACKAGE	WITHOUT REAR AERODYNAMIC FAIRING	0	0
			WEIGHT (LB)	
WHEELS & TIRES		DESCRIPTION	FRONT	REAR
	TIRES BRAND/TYPE - FRONT	11R22.5 H MICHELIN XZE2 (13220 lbs) (Total for QTY = 2)	252	0
	WHEELS - FRONT	22.5x8.25 ALCOA 88565x SEVERE SERVICE, HIGH POLISHED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 2)	102	0
	TIRES BRAND/TYPE - REAR	11R22.5 H MICHELIN XDN2 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)	0	1,059
	WHEELS - REAR	22.5x8.25 ALCOA ULA18x HIGH POLISHED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 8)	0	318
			WEIGHT (LB)	
PAINT		DESCRIPTION	FRONT	REAR
S	PAINT DESIGN	SINGLE COLOR	0	0
	PAINT COLOR - FIRST COLOR	PURPLE HAZE METALLIC; P3729	0	0
			WEIGHT (LB)	
ADDITIONAL ENGINEERING (Included)		DESCRIPTION	FRONT	REAR
	CA		0	0
FRONT / REAR AXLE WEIGHTS (LB)			11196	9289
TOTAL WEIGHT (LB)				20484



VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Dwg Ref	Length	UOM
Front Frame Extension	FE	0.0	INCHES
Bumper to Front Axle	BA	52.4	INCHES
Eff. Bumper to Front Axle	N/A	52.4	INCHES
Wheelbase	WB	226.8	INCHES
Rear Overhang	OH	56.5	INCHES
Overall Length	OL	335.7	INCHES
Bumper to Back of Cab	BBC	117.9	INCHES
Eff. Bumper to Back of Cab	EBBC	189.5	INCHES
Eff. Cab to Rear Axle	ECA	89.7	INCHES
Eff. Front Axle to Back of Cab	EAC	137.0	INCHES
Eff. Cab to End of Frame	ECEF	146.2	INCHES
Unladen 5th Wheel Height	5W	48.0	INCHES
Unladen Frame Height	FH	41.1	INCHES
Cab Height	CH	102.0	INCHES
Overall Height	OVH	143.1	INCHES
Driver CG	DCG	51.2	INCHES
52" AXLE SPACING (BOGIE WHEELBASE)	BS	52.0	INCHES

