



E8209RS

MACK TRUCKS  WORLDWIDE, LTD.

MODEL R-607RS

- MACK THERMODYNE DIESEL FUEL ECONOMY
- EXTRA ROOMY CAB INTERIOR
- RIGHT HAND DRIVE
- MACK BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	171" (LP 144", CA 96")
ENGINE: (MACK Diesel)	END 673P, Thermodyne
Type	6 Cyl., Naturally aspirated
Bore and stroke	4 $\frac{7}{8}$ " x 6"
Piston displacement, cu. in.	672
Brake horsepower at 2100 rpm	187
Max. torque at 1400 rpm	527 lb.-ft.
Lube oil filter (12 qts.)	Comb. full-flow by-pass
Air cleaner	Oil bath type
Radiator, frontal area	560 sq. in.
Thermostat, to open	170°
Fuel pump (APE)	Multiple unit
FUEL TANK	55 gal. , right side, steel, rect., step
ELECTRICAL SYSTEM: Generator	12 Volt, 55 Amp.
Starting system	12 Volt
Batteries (Group 4H)	(4) 6 Volt
Plates per cell 23; Amp hr. @ 20 hr. rate	170
CLUTCH: (MACK)	CL 28
Type	Single-plate, dry, 14 $\frac{7}{8}$ " O.D.
Area of engagement	253 sq. in.
TRANSMISSION: (MACK)	TRD 722
Type	Ten-speed, direct, Duplex
DRIVESHAFT:	
Make and size	Spicer; 1650; 3 $\frac{1}{2}$ " O.D.
FRONT AXLE: (MACK)	FA 535

SIX WHEEL • MACK DIESEL • TRUCK

BOGIE: (MACK)	SWD 57	
Carriers (Dual Reduction)	CRDPC 92 & CRD 93	
Ratios	4.50, 4.76, 5.13, 5.73, 6.34, 7.00, 7.49	
SPRINGS:	Front	Rear
Size	54" x 3 $\frac{1}{2}$ "	50" x 4"
Leaves, no. & thickness	11 @ .360"	10 @ .788"
BRAKES: Type	Air	
Front	16 $\frac{1}{2}$ " x 4" (276 sq. in.)	
Rear	16 $\frac{1}{2}$ " x 6" (828 sq. in.)	
Parking	12" x 5" (139 sq. in.)	
Air Compressor	Tu-Flo 500 (12 cu. ft.)	
Air reservoir capacity	3015 cu. in. (approx.)	
WHEELS & TIRES:		
Wheels	Cast spoke	
Tires	10.00-20 (12P), 7.5 Rims	
STEERING GEAR: Model	5G 26	
Steering wheel diameter; ratio	22"; 28.4:1	
FRAME: Size	9" x 3$\frac{1}{4}$" x 1$\frac{1}{4}$"	
Material	Chrome-manganese steel, heat-treated	
Section Modulus	9.76	
Resisting bending moment	878,400 in. lbs. per rail	
CAB: (MACK)	CAR 36	
Type (109" BBC)	Conventional, two-man, Right hand drive	
STANDARD CHASSIS WEIGHT (LBS.): Est.		
Front 6,025; Rear 7,904; Total 13,929		

CHASSIS EQUIPMENT

Air intake system, outside—underhood	Low air pressure indicator, buzzer	Tachometer, single hand
Automatic radiator shutters	Rear view mirrors, two, West Coast type	Towing eyes
Automatic reset circuit breakers	(black enamel finish)	Trailer conn., semi-trailer
Bumper, extended	Reflectors, one each side, cab rear	Turn signals, front (with 4-way flasher)
Cab roof vent, two-way	Seat belt anchors	Underframe exhaust
Cab step, left side	Shock absorbers, front	Voltmeter
Headlights and parking lights	Steering column, adjustable	Wheel wrench and handle
Hood & fenders, unitized fiberglass (tilts forward)	Stop and tail light	Windshield glass, Solex
Horn, electric, single tone	Sun visor, right side	Windshield wipers, air, dual, single motor
I.C.C. & Marker lights		

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OPTIONAL EQUIPMENT

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WHEELBASE 183", 195", 223"
(See dimensional chart for LP & CA)

TRANSMISSION: (MACK)
TRD 7220 9-spd., overgear, Duplex
TRQ 7220 18-spd., overgear, Quadruplex
TR 7220 & B/L 8031 P 5-spd., overgear, 3-spd. aux.
TR 7220 & B/L 8341 C 5-spd., overgear, 4-spd. aux.
Overgear transmission required when GCW exceeds 73,000 lbs.

FRONT AXLE: (MACK)
FA 532 Springs, (13) .360"
FA 600 Springs, (14) .401"
Springs, heavy duty, FA 600 (16) .401"

BOGIE: (MACK) same as except for
SWD 5701 SWD 57 7" brakes
SWD 571 SWD 57 Cast steel axle housing
& metal trunnion bushings
SWD 5711 SWD 571 7" brakes
SWD 573 SWD 57 Cast steel axle housing
SWD 5731 SWD 573 7" brakes
SWD 574 SWD 57 Rockwell-Standard 6" brakes
SWD 5741 SWD 574 7" brakes
SWD 575 SWD 573 Rockwell-Standard 6" brakes
SWD 5751 SWD 575 7" brakes
Carriers and ratios same as standard

BRAKES: (MACK)
FA 532 16½" x 4" (276)
FA 600 17¼" x 5" (355)
SWD 571, 573 16½" x 6" (828)
SWD 5701, 5711, 5731 16½" x 7" (952)

BRAKES: (Rockwell-Standard, Stopmaster)
SWD 574, 575 15" x 6" (754)
SWD 5741, 5751 15" x 7" (880)
Rockwell-Standard brakes include automatic brake adjustment, four spring load, fail-safe auxiliary brake units per bogie, STANDARD driveshaft brake omitted.

FRAME: Reinforcement ¼" Inside Channel
Section Modulus 17.72
Resisting bending moment 1,594,800 in. lbs. per rail

ELECTRICAL SYSTEMS:
Starting 24 Volt
Alternator 12 Volt, 60 Amp. (heavy-duty)
Alternator 12 Volt, 85 Amp. (heavy-duty)

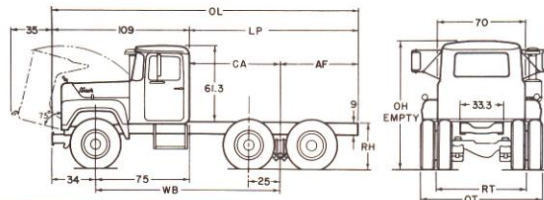
WHEELS & TIRES:
Disc (7.5 Rims) *Hi-Tensile
(8.0 Rims) Steel
Tires & Rims 10.00-22 (12P) 7.5
*Specify Budd or Firestone 11.00-20 (12P) 8.0

FUEL TANKS: (gallons)
Steel, rect., step 55, left side
Steel, rect., step 70, left side
Fuel tanks also available in aluminum in place of steel.

CHASSIS EQUIPMENT

Air reservoir, isolated for spring-loaded brakes	Cab heater and defroster, 37,500 btu	Hand control valve	Seat belts
Air starting (not available on 147" WB with 55 gal. right side fuel tank)	Chrome plated turn signals	Horn, air, twin or single	Spring loaded parking brake, incl. warning light in cab (with or w/o std. driveshaft brake)
Automatic drain valve	Chrome plated W.C.	Horn, electric, dual tone	Stop and tail light, extra
Bogie spacing, 55"	rear view mirrors	Hubometer	Sun visor, left side
Brake, alcohol evaporator	Driver's Seat—Bostrom, West Coaster or Viking T-bar; General, #107; American Metal, Unison Action	Hydraulic jack, 8- or 12-ton	Tachograph (RPM and/or MPH)
Break-away safety valve	Engine water filter, Perry	Power steering	Turn signals, rear (loose)
Cab air conditioner	Exhaust brake	Pyrometer, exhaust	Vertical exhaust
	Front wheel brake limiting valve	Radiator, 1000 sq. in. (bolted const.)	Wig-wag low air pressure indicator
		Radiator guard, plate type (with ext. bumper only)	Window power lift, left side
			Windshield washers

Specifications subject to change without notice. Illustrations are not necessarily a representation of standard specifications.



WB	LP	CA	AF	OL	Turning Circle Dia. (Outer Edge of tire) Approx.	
					Left	Right
171	144	96	48	247	63 ft.	63 ft.
183	168	108	60	271	66 ft.	66 ft.
195	196	120	76	299	69 ft.	69 ft.
223	240	148	92	343	76 ft.	76 ft.

Chassis dimensions are in inches and are for standard chassis unless otherwise denoted.

Tire Size	OH	RH		Front Tread	OT	RT	
		Approx.	Empty				Loaded
			SWD 57				SWD 57
10.00-20	98.8	41.8	41.8	76.9	95.3	71.4	
10.00-22	99.7	42.7	42.7	76.9	95.3	71.4	
11.00-20	99.2	42.4	42.4	78.4	96	71.1	

Frame heights are subject to variations: 1" empty, ½" loaded.

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ALLENTOWN, PA. "THE TRUCK CAPITAL OF THE WORLD"