



E8209RS

MODELS

R-609RST

R-611RST

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

STANDARD EQUIPMENT

WHEELBASE	147" (LP 120"; CA 72")	
ENGINE: (MACK Diesel)	R-609RST	R-611RST
Model (Thermodyne)	END 711	ENDT 673
Type (6 cyl.)	Naturally aspirated	Turbocharged
Bore and stroke	5" x 6"	4 ⁷ / ₈ " x 6"
Piston displacement, cu. in.	707	672
Brake horsepower at rpm	211 @ 2100	225 @ 2100
Max. torque (lb.-ft.) at rpm	602 @ 1350	653 @ 1500
Lube oil filter (12 qts.)	Comb. full-flow by-pass	
Lube oil cooler	Standard	
Air cleaner	Oil bath type	
Radiator, frontal area, sq. in.	1000	700
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 ⁷ / ₈ " O.D.	
Area of engagement, sq. in.	253	
TRANSMISSION: (MACK)	TRD 722	
Type	Ten-speed, direct Duplex	
DRIVESHIFT:		
Make and size	Spicer; 1700; 3 ¹ / ₂ " O.D.	
FRONT AXLE: (MACK)	FA 534	

SIX WHEEL • MACK DIESEL • TRACTOR

BOGIE: (MACK)	SWDL 56	
Carriers (Dual Reduction)	CRDPC 92 & CRD 93	
Ratios	4.17, 4.50, 4.76, 5.13, 5.73, 6.34, 7.00, 7.49	
SPRINGS:	Front	Rear
Size	54" x 3 ¹ / ₂ "	50" x 4"
Leaves, no. & thickness	12 @ .323"	9 @ .625"
BRAKES: Type	Air	
Front	16 ¹ / ₂ " x 3" (204 sq. in.)	
Rear	16 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	SG 26	
Steering wheel diameter; ratio	22"; 28.4:1	
FRAME: Size	9" x 3¹/₄" x 1¹/₄"	
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	
HOOD & FENDER ASSEMBLY:		
R-609RST	Steel butterfly hood & flat fenders	
R-611RST	Unitized fiberglass hood & fenders (tilts forward)	
STANDARD CHASSIS WEIGHT (LBS.): Est.		
R-609RST—Front 6,418; Rear 7,140; Total 13,558		
R-611RST—Front 6,075; Rear 7,100; Total 13,175		

CHASSIS EQUIPMENT

Air intake system, outside—underhood
Automatic radiator shutters
Automatic reset circuit breakers
Bumper, extended
Cab roof vent, two-way
Cab step, right side
Headlights and parking lights
Horn, electric, single tone
I.C.C. & Marker lights

Low air pressure indicator, buzzer
Rear view mirrors, two, West Coast type (black enamel finish)
Reflectors, one each side, cab rear
Seat belt anchors
Shock absorbers, front
Steering column, adjustable
Stop and tail light
Sun visor, right side

Tachometer, single hand
Towing eyes
Trailer conn., semi-trailer
Turn signals, front (with 4-way flasher)
Underframe exhaust
Voltmeter
Wheel wrench and handle
Windshield glass, Solex
Windshield wipers, air, dual, single motor

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OPTIONAL EQUIPMENT

MODELS R-609RST & R-611RST

WHEELBASE 165", 183", 195"
(See dimensional chart for LP & CA)

TRANSMISSION: (MACK)

TRD 7220 9-spd., overgear, Duplex
TRT 722 15-spd., direct, Triplex
TRT 7220 13-spd., overgear, Triplex
TRQ 7220 18-spd., overgear, Quadruplex
TR 722 & B/L 8031 P 5 spd. direct } 3 speed auxiliary
TR 7220 & B/L 8031 P 5 spd. overgear } w/wo power tower
TR 722 & B/L 8341 C 5 spd. direct } 4 speed auxiliary
TR 7220 & B/L 8341 C 5 spd. overgear } w/wo power tower
Overgear transmission required when GCW exceeds 73,000 lbs.

FRONT AXLE: (MACK)

FA 535 Springs, (11) .360"
FA 532 Springs, (13) .360"
Springs, optional, FA 534 FA 535 FA 532
(10) .323" (12) .323" (11) .360"

BOGIE: (MACK)

same as except for
SWDL 561 SWDL 56 7" brakes
SWD 571 SWDL 56 Cast steel axle housings & trunnion bracket & metal trunnion bushings
SWD 5711 SWD 571 7" brakes
SWDL 75 SWDL 56 Inverted camel-back springs
SWDL 751 SWDL 75 7" brakes
*SWD 572 SWD 571 Heavy-duty torque rods & Solid trunnion spindle
*SWD 5721 SWD 572 7" brakes

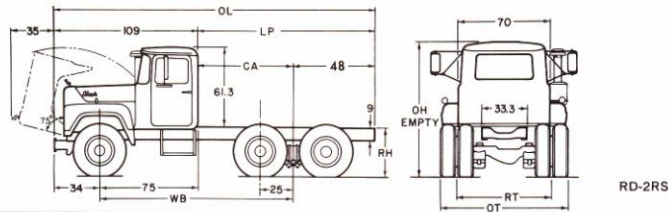
*55" spacing only
SPRINGS (SWDL 75, SWD 75) 50" x 4"; 8 leaves @ 0.625"

Carriers and ratios same as standard

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. rear view mirrors	Horn, electric, dual tone	Stop and tail light, extra
Bogie spacing, 55" (SWDL 56 series)	Driver's Seat—Bostrom, West Coaster or Viking T-bar; General, #107; American Metal, Unison Action	Hubodometer	Sun visor, left side
Brake, alcohol evaporator	Engine water filter, Perry	Hydraulic jack, 8- or 12-ton	Tachograph (RPM and/or MPH)
Break-away safety valve	Exhaust brake	Power steering	Turn signals, rear (loose)
Cab air conditioner	Front wheel brake limiting valve	Pyrometer, exhaust	Vertical exhaust
		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	OL	Turning Circle Dia. (Outer edge of tire) Est.	
				Left	Right
147	120	72	229	56 ft.	56 ft.
165	138	90	247	61 ft.	61 ft.
183	156	108	265	66 ft.	66 ft.
195	168	120	277	69 ft.	69 ft.

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

Tire Size	OH Approx.	RH				Front Tread	OT	RT
		Empty		Loaded				
		SWDL 56	SWD 57	SWDL 56	SWD 57			
10.00-20	98.8	40.6	41.8	37.8	39.2	76.9	95.3	71.4
10.00-22	99.7	41.4	42.7	38.8	40.1	76.9	95.3	71.4
11.00-20	99.2	40.0	42.4	37.2	39.6	78.4	96	71.1

Frame heights are subject to variations: 1" empty, 1/2" loaded.

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