



B-81X & B-813X



FOUR-WHEEL • DIESEL • TRUCK

SPECIFICALLY BUILT for years of dependable service in heavy duty, off-highway, dumper, carry-all tractor and similar services, these diesel powered, four-wheelers are sure to set new standards of performance and economy. Models B-81X and B-813X assure greater owner profits by maintaining an efficient work cycle at minimum operating costs.

PROFITABLE PERFORMANCE is offered by Mack's powerful Thermodyne diesel engine. Delivering 170 or 205 horsepower at a conservative 2100 RPM, this famous 672 cubic inch power plant offers great pulling power, excellent responsiveness and outstanding fuel economy.

UNMATCHED ADAPTABILITY and dependability is assured by a wide selection of all-new, all-Mack component equipment. The famous Quadruplex transmission offers a wider range of speed steps than is possible with the customary combination of transmission and auxiliary.

CAPABLE of efficient, reliable service under roughest operating conditions, this chassis has incorporated such practical features as heavy-duty, heat-treated frame rails; an exposed, cast-tank radiator and sturdy, simplified, square fenders.

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MODELS B-81X and B-813X

STANDARD EQUIPMENT (Cont'd.)

SPRINGS:

Front, type	Semi-elliptic
Size, length (between load centers)	51 3/8"
Width	3 1/2"
Leaf thickness	0.401" (3 leaves) 0.360" (11 leaves)
Shot peened	Main, 2nd and 3rd leaves

Rear, type	Semi-elliptic
Size, length (between load centers)	54"
Width	3 1/2"
Leaf thickness	0.499" (15 leaves)
Shot peened	All leaves

Suspension, Front	Slipper type, front end; fixed pin, rear end
Rear	Slipper with radius and torque rods

Helper, type	Semi-elliptic
Size, length (between load centers)	38"
Width	3 1/2"
Leaf thickness	0.499" (7 leaves)
Shot peened	All leaves

SHOCK ABSORBERS - FRONT

Type	Houdaille, hydraulic
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TIRES: (Overall width exceeds 56"):

Size	11.00-24 (1-P) Highway Tread
Rims	8.5

WHEELS:

Type	Cast, spoke
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STEERING GEAR:

Model	SG 26
Type	Worm and roller
Ratio	28:1
Steering wheel, diameter	22"

CAB: (Mack)

Model	CA 30
Type	All-metal, welded, unified cab and cowl
Overall width	60 3/4" maximum (67" at bolt rail)

INSTRUMENT PANEL GAUGES: Speedometer, tachometer (single hand), ammeter, fuel gauge, lube oil pressure gauge, temperature probe, air pressure gauge, electrical switches—all mounted on removable panel. Engine stop controls, throttle control.

CHASSIS EQUIPMENT: Painting in synthetic enamel (Mack green, red, yellow, blue, orange or black); channel type front bumper; recessed steel-beam headlights and parking lights; combination stop and tail light; electric horns; defroster nozzles; low air pressure buzzer type indicator; automatic radiator shutters; plate type radiator guard; front tow pin; dual air-actuated windshield wipers, single motor; sun visor, left side; rim lug wrench and handle.

STANDARD CHASSIS WEIGHT, (lbs.):

B-81X:	Front 8,150; Rear 5,900; Total 14,050
B-813X:	Front 8,200; Rear 5,900; Total 14,100

OPTIONAL EQUIPMENT

AIR STARTING SYSTEM:

Make	Ingersoll-Rand
Rating	10 horsepower
Actuation	Manually controlled quick opening air valve in cab

TRANSMISSION: (Mack)

TRQ 7210 with R.H. and L.H. P.T.O. openings in compound case.

TIRES: (Overall width exceeds 56"):

	Highway Tread
Size	12.00-24
Ply	1-P
Rims	8.5

FUEL TANKS:

Type	*Step	Steel, round
Capacity, Gal.	50	55
Location	Left side	Left side

*Not available with *Vickens Power Steering*.

CHASSIS EQUIPMENT: Perolator, full-flow, by pass; 272c (for B-81X only); Mack linkage type, hydraulic power steering; *Vickens Hydraulic*, Woodward Hydraulic Governor; engine dust proving equipment installation; semi-trailer or full trailer (no hose or cable) brake and electrical connections including shut-off valves; either hand control valve for chassis rear brakes or hand control valve for trailer brakes; bezel drain valve; front wheel brake limiting valve; hublocometer; front left wheel; 25,000 B.T.C. hot water cab heater with defroster; vertical exhaust back of cab; extra stop-tail light; three marker lights; two L.C.C. lights; Beartown driver seat with shock absorber; air burn; twin turn signals, front, one each side; West Coast type mirrors, enamel finish, one each side; 8- or 12-ton jack; spare rim.

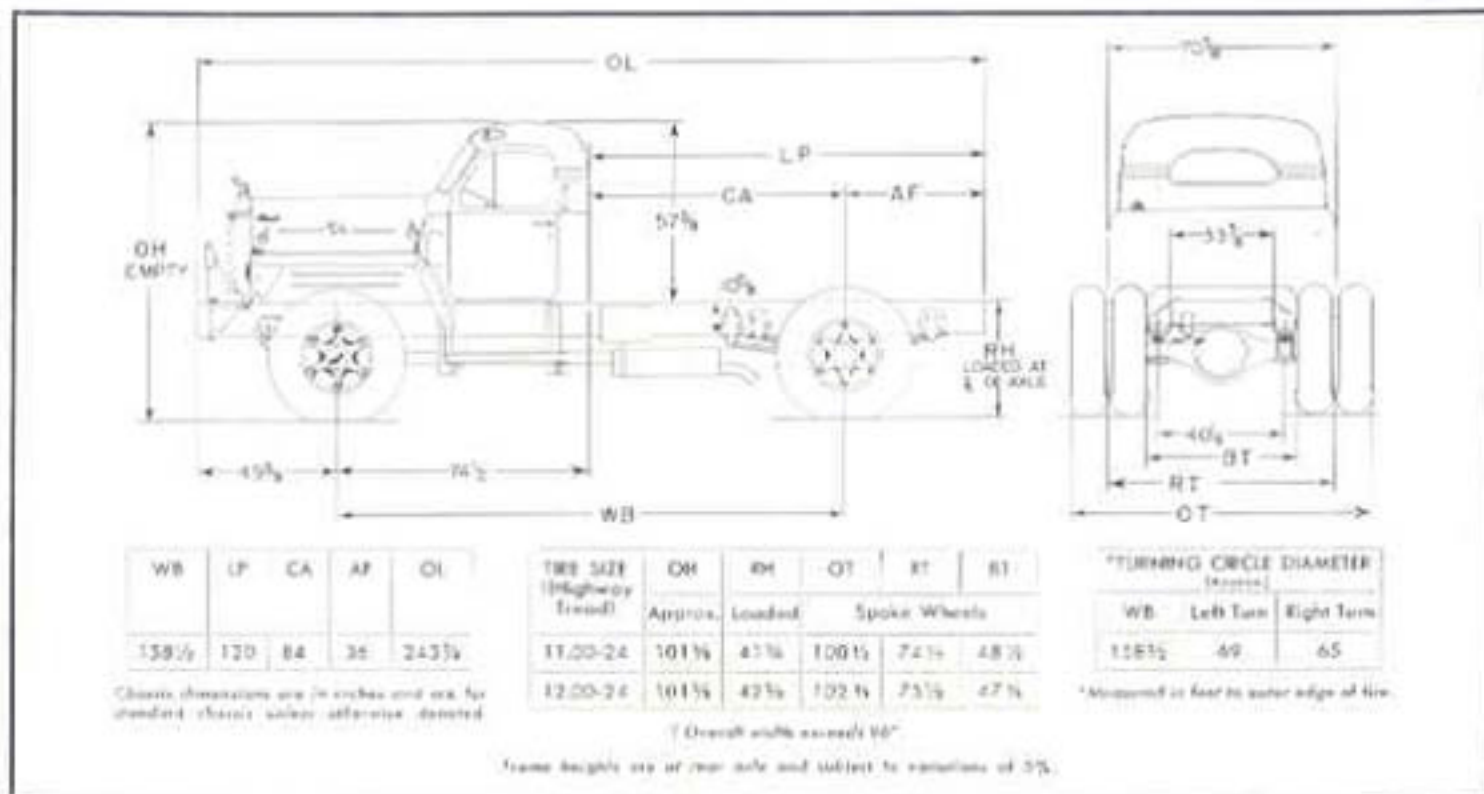
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CHASSIS DIAGRAM



Represented by:



MACK TRUCKS, INC.
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In Canada: MACK TRUCKS OF CANADA, LTD.

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Toronto, Ontario

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