

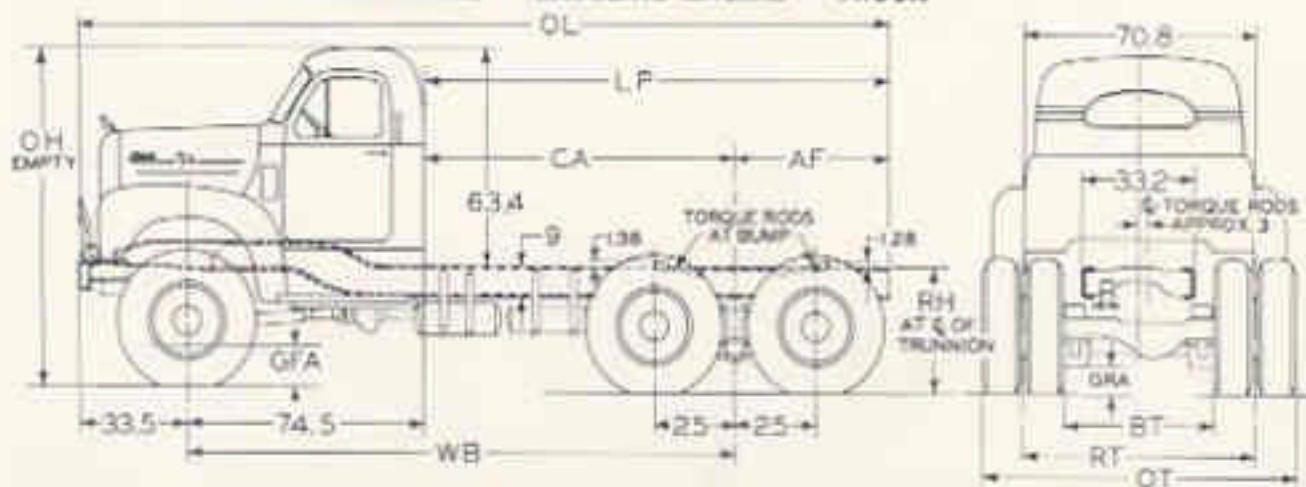


B-426SX



Mainly for mixer and dumper service.
 Front drive for difficult traction conditions at delivery locations.
 High-capacity front axle for meeting load distribution demands.

SIX-WHEEL DRIVE • GASOLINE ENGINE • TRUCK



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

WB	LP	CA	AF	OL
170 1/2	144	96	48	252
170 1/2	168	96	72	276
182 1/2	168	108	60	276
194 1/2	194	120	74	302

TIRE SIZE	OH	RH	OT	RT	BT
	Approx.	Loaded	Spoke Wheels		
10.00-20	103 1/4	39	95 1/2	71 3/8	47 1/4
11.00-20	103 3/4	39 1/2	96	71 1/8	46 1/4

Frame heights are of rear axle and subject to variations of plus or minus 1/4".

MACK TRUCKS, INC., Plainfield, N. J.

AUTOLIT



Automobile - Truck - Motorcycle 1900 to Present
 ORIGINAL Sales Brochures, Manuals, Books, Posters,
 Catalogs, and MUCH More. World's largest selection!

MODEL B-426SX

STANDARD EQUIPMENT

Condensed Specifications

WHEELBASE: 170½"; Platform 144"

ENGINE, (Gasoline):

Mack Magnadyne Model EN 402, six cylinders, 4½" bore, 5½" stroke, 401 cu. in. piston displacement, 150 brake horsepower @ 2800 rpm (gov.), 330 lbs. ft. max. torque @ 1400 rpm, dual downdraft carburetor; 560 sq. in. frontal area, 55 qt. water capacity; 12-volt, 30-Amp. electrical system, one 12-volt battery located behind right side apron; engine lube oil cooler.

CLUTCH:

Model CL-172, single dry plate, 202 sq. in. area.

FUEL TANK:

22 gallon, apron tank, left side.

TRANSMISSION:

Mack Model TRDXT 778, wide-range, ten-speed, direct, two lever, Duplex, consisting of a five-speed transmission in combination with a transfer box including a two-speed compound.

Shift	5th	4th	3rd	2nd	1st	Rev.
High	1.00	1.31	2.03	3.83	7.02	7.15
Low	2.93	3.83	5.95	11.24	20.58	20.96

(Transmission and axle total low gear ratio, 135 to 1.00).
Power take-off—Main transmission: left and right side.
Transmission compound: right side of transfer case, for Spicer LG-5 P.T.O., capable of transmitting 60 HP @ 1500 rpm (min.).

DRIVESHAFT:

Spicer, yoke joint; 3½" tube dia., 0.156" wall thickness; size —1600 (transfer case to front axle), 1700 (transfer case to front rear axle).

FRONT AXLE:

Mack Model FAS 525, Mack front drive, Carrier Model CR50 91, single reduction, 3.92 ratio; with 1.645 ratio drop between transfer case drive and front axle drive, resulting in 6.43 overall ratio. American Coleman wheel ends. (Front drive not to be used for road travel.)

BOGIE:

Mack Model SWD 57, 50" bogie wheelbase, four wheel straight through type drive, Mack concentric cam and plunger type Power Divider inter-axle differential, CRDP 92 and CRD 95 carriers, 6.43 ratio. (No other ratio available).

BRAKES, AIR:

SIZE: dia., width, lining thickness & lining area.

FRONT: 17½" x 4" x ¾", 280 sq. in.

REAR: 16½" x 6" x ¾", 928 sq. in.

HAND: 10" x 3" x ½", 85 sq. in.

Compressor—TU-FLO 400 (7¼ cu. ft.)

FRAME:

Chrome-manganese steel, hot treated; 9" x 3¼" x ¼" side rails; ½" inside channel frame reinforcement; 17.72 (with I.C.) section modulus; three channel and one I-beam cross member. Drop frame.

SPRINGS:

Front—Semi-elliptic type; size, 46" x 3"; 14 leaves, 0.360"; suspension—front end, Rubber Shock Insulators, rear end, fixed pin.

Rear—Semi-elliptic, inverted type; size, 50½" x 4"; 10 leaves, 0.786"; tension side of main, 2nd and 3rd leaves shot peened; suspension—Rubber Shock Insulators.

SHOCK ABSORBERS — Front: Strut type

TIRES: 10.00-20, 12 ply on 7.5 Rims.

WHEELS: Cast, spoke

STEERING GEAR:

Model SG 26, worm-and-roller type, 28.4 ratio, 22" dia. steering wheel.

CAB:

Mack Model CA21; all-metal, welded, unified cab and cowl; 70½" overall width.

INSTRUMENT PANEL GAUGES: Speedometer, ammeter, fuel gauge, lube oil pressure gauge, temperature gauge, air pressure gauge, electrical switches.

CHASSIS EQUIPMENT:

Painting; extended bumper; tow hooks; stop/tail light; electric horn; defroster nozzles; low air pressure buzzer; sun visor, left side; two I.C.C. lights; three marker lights; dual air-actuated windshield wipers with single motor; thermostat on engine; wheel wrench and handle.

STANDARD CHASSIS WEIGHT, (LBS.):

Front—6,680; Rear—7,005; Total 13,685.

OPTIONAL EQUIPMENT

WHEELBASE:

170½" (LP 168") ; 182½" (LP 168") ;

191½" (LP 194")

CLUTCH:

Mack Model CL 401, single dry plate, 220 sq. in. area.

TIRES & WHEELS:

11.00-20, 12 ply on 8.0 Rims; Cast, Spoke Wheels

10.00-20 tires on Hi-Tensile Disc Wheels

11.00-20 tires on Steel Disc Wheels

ELECTRICAL SYSTEM:

12-Volt, 55-Amp.; two 6-Volt batteries.

12-Volt, 50 Amp. (Low Cut-in)

FUEL TANKS:

Type—Steel, step, 50-gallon capacity

Location—Right side (with standard tank)

Left side or one each side (std. tank omitted).

CHASSIS EQUIPMENT:

Power steering (recommended when front axle loading exceeds 12,000 lbs.); includes 12-V., 55-Amp. generator; front power take-off for mixer drive arrangement (front axle mounted tow shackles recommended); bogie Power Divider lock-out; front wheel brake limiting valve; drain valve; hand control valve (for rear service brakes); Tu-Flo 500 air compressor; improved driver seat; turn signals, front, one each side; West Coast type mirrors, enamel finish, one each side; 17,000 or 25,000 B.T.U. hot water cab heater with defrosters; automatic radiator shutters; plans type radiator guard; chrome plated radiator shell; air horn, twin; extra stop-tail light; spare rim or disc wheel; 8- or 12-ton pack.

