



**MACK
TRUCKS**

MODEL

MB-400T

SERIES

STANDARD EQUIPMENT (BASED ON MODEL MB-492T)

WHEELBASE 110 (LP-131"; CA 98")

ENGINE: (CATERPILLAR) **3208 D.I.**
 Type Naturally aspirated 8 cylinder
 Bore & stroke 4.5" x 5.0"
 Piston displacement, cu. in. **636**
 Brake hp @ 2800 rpm **175**
 Max. torque @ 1400 rpm **400 lb.-ft.**
 Lube oil filter Full-Flo spin-on
 Air cleaner (under cab) Dry type
 Radiator, frontal area 800 sq. in.
 Thermostat, to open 175°
 Fuel pump (Caterpillar) Sleeve metering type

*Certified for State of California.

FUEL TANK 40 gal., right side, steel rd.

ELECTRICAL SYSTEM: Alternator (L/N) 12 Volt, 65 Amp.

Starting system 12 Volt

Batteries (Group 4H) (4) 6 Volt

Plates per cell 23; Amp. hr. @ 20 hr. rate 165

CLUTCH: **CL 696** or **CL 775**

Make Spicer Lip

Size 14", 2-plate 14", 2-plate

Lining Organic Organic

Area of engagement 423 sq. in. 423 sq. in.

TRANSMISSION: Model **Spicer 6352**

Type 5 spd., direct

*Driveshaft Series (Main) 1610

FRONT AXLE: (MACK) **FAW 536C**

Capacity 10,500 lbs.

REAR AXLE: Model **L-155C**

Capacity 18,500 lbs.

Carrier L-155, Single-reduction

Ratios 5.29, 5.83, 6.17, 6.50, 6.83, 7.20

*Driveshaft Series represents size, not manufacturer.

SPRINGS: Semi-Elliptic

	Front (FAW 536C)	Rear (L-155C)
Ground load rating	10,500 lbs.	18,500 lbs.
Size	46" x 3"	53 3/4" x 3"
Leaves, no. & thickness	13 @ .360"	6 @ .558" 2 @ .499"

BRAKES: Air-Mack 12.9 CFM M-R EL-1300 Air Compressor

Front (cam type) 16 1/2" x 5" (314 sq. in.)

Rear (cam type) 16 1/2" x 7" (440 sq. in.)

Auxiliary Spring loaded type

*Not available w/112 407.

AIR RESERVOIR Two

Location Under left hand battery box

Capacity (Total) 5,260 cu. in.

WHEELS & TIRES:

Wheels Cast, spoke

Tires 9.00-20 (10P), 7.0 Rims

STEERING GEAR: Model **5G 26**

Steering Wheel Diameter, Ratio 22"; 32:1

FRAME: Size 8" x 3" x 1/4"

Material Heat-treated 110,000 PSI

Section Modulus Minimum Yield Strength Steel

Resisting bending moment 7.83 per rail

860,000 in. lbs. per rail

CAB: (MACK) (Incl. rider's seat) **CA 43**

Type (60 1/2" BBC) Cab over engine, two man

CHASSIS WEIGHT, STANDARD, LBS.:

Front 5,705; Rear 2,151; Total 8,854

CHASSIS EQUIPMENT

Automatic reset circuit breakers
 Backup light
 Bumper, flush-type
 Break-away safety valve
 Cab heater and defroster, 20,000 lbs
 Combination stop, tail, & rear turn signals (2)
 Cab steps, each side, safety tread
 Cold starting aid (excess fuel device) — remote control (Std. MB-487T only)

Engine stop control (Std. MB-487T only)
 Fender extensions — frame mt'd.
 Headlights
 Horn, electric, single tone
 I.D. & clearance lamps
 Low air pressure buzzer
 Rear view mirror, two, West Coast type (black enamel finish)
 Radiator guard
 Seat belts

Shock absorbers, front
 Side reflectors
 Sun visor, left side
 Tachometer, single-hand type
 Trailer connections, semi
 Tu-Flo 500 air comp., MACK 12.5 CFM (Std. on MB-487T)
 Turn signals, front & rear (with 4-way flasher)
 Undercoating
 Underframe exhaust

Voltmeter
 Warning light for spring loaded aux. brakes
 Wheel wrench and handle
 Windshield washers
 Windshield wipers, dual, air, (2) individual motors

MANDATORY OPTIONAL EQUIPMENT
FMVSS 121 Brake System with B.F. Goodrich, Anti-Wheel Lock Brake System

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 ONE OF THE SIGNAL COMPANIES

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OPTIONAL EQUIPMENT MB-400T SERIES:

See Recommended Power Train Combinations

ENGINE	CHASSIS MODEL	BORE & STROKE	NO. OF CYL.	DISP. CU. IN.	BHP @ RPM	MAX. TORQUE @ RPM	RADIATOR SQ. IN.
1ETZ 477	MB-487T	4.53" x 4.92"	6	475	210 @ 2400	510 @ 1500	800
13208 D.I.	MB-492T	4.5" x 5.0"	8	636	210 @ 2800	485 @ 1400	800

*Certified for State of California use.

TRANSMISSION: See Power Train Combinations

RT 610	10 spd., direct
RT 613	13 spd., direct
MT 640 (Allison)	4 spd., automatic
MT 650 (Allison)	5 spd., automatic

FRONT AXLES:

FAW 536C-W-D	10,500 lbs. capacity	
Springs:	(STD.) (OPT.) (OPT. H.D.)	
Ground load ratings	10,500 lbs.	
Size	46" x 3"	
Leaves, no. & thickness	13 @ .360"	
Brakes: Cam type	16 1/2" x 5" (314 sq. in.)	
Wedge type	15" x 5" (314 sq. in.)	
Disc type	Single sliding caliper disc	
Rotor, type & O.D.	Ventilated, 15.62"	
Lining area, total	115.68 sq. in.	
FAW 537C-W-D	12,000 lbs. capacity	
Springs:	(STD.) (OPT.) (OPT. H.D.)	
Ground load ratings	12,000 lbs.	10,500 lbs.
Size	46" x 3"	46" x 3"
Leaves, no. & thickness	14 @ .360"	13 @ .360"
Brakes: Cam type	16 1/2" x 5" (314 sq. in.)	
Wedge type	15" x 5" (314 sq. in.)	
Disc type	Single sliding caliper disc	
Rotor, type & O.D.	Ventilated, 15.62"	
Lining area, total	115.68 sq. in.	

NOTE: Front axles with disc brakes and 20" wheel equip. require rubberless tires.

REAR AXLES: See Power Train Combinations

L-155C-W	18,500 lbs. capacity	
Carrier	L-155, Single-Reduction	
Ratios	4.62, 5.29, 5.83, 6.17, 6.50, 6.83, 7.20	
Springs:	(STD.) (OPT.) (OPT. H.D.)	
Ground load ratings	18,500 lbs.	23,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	6 @ .558"	9 @ .558"
	2 @ .499"	
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	
Wedge type	15" x 7" (440 sq. in.)	
RAS 512C	23,000 lbs. capacity	
Carrier	CRS 84	
Ratios	4.62, 5.14, 5.57, 6.17, 6.83, 7.14	
Springs:	(STD.) (OPT.) (OPT. H.D.)	
Ground load ratings	23,000 lbs.	19,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	9 @ .558"	8 @ .558"
	2 @ .499"	
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	

RAD 529C	23,000 lbs. capacity		
Carrier	CRD 117		
Ratios	4.62, 4.88, 5.43, 5.78, 6.36, 6.80, 7.48, 7.83, 8.39, 8.83		
Springs:	(STD.)	(OPT.)	(OPT. H.D.)
Ground load ratings	23,000 lbs.	19,000 lbs.	23,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	9 @ .558"	6 @ .558"	11 @ .558"
	2 @ .499"		
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)		
R 170C-W	23,000 lbs. capacity		
Ratios	4.62, 4.87, 5.28, 5.86, 6.14, 6.82, 7.40		
Springs:	(STD.)	(OPT.)	
Ground load ratings	23,000 lbs.	19,000 lbs.	
Size	53 1/4" x 3"	53 1/4" x 3"	
Leaves, no. & thickness	9 @ .558"	6 @ .558"	
	2 @ .499"		
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)		
Wedge type	15" x 7" (440 sq. in.)		

HELPER SPRINGS, REAR:

Size	36" x 3"
Leaves, no. & thickness	8 @ .291"

FUEL TANKS:

The following in place of STANDARD:

51 gal.	Right side, steel, round
60 gal.	Right side, steel, round
70 gal.	Right side, steel, round
80 gal.	Right side, steel, round

WHEELS & TIRES:

Wheels (7.0 or 8.0 Rims)	Steel Disc
(7.5 Rims)	Hi-Tensile or Accu-Ride Disc
Tires, Size	10.00-20 or 10.00-22 (12P) 7.5 Rims
Size	11.00-20 or 11.00-22 (12P) 8.0 Rims

AIR CLEANER: See Data Book Engine Section

ELECTRICAL SYSTEM:

Alternator	12 Volt, 85 Amp. (I. N.)
	12 Volt, 75 Amp. (Delco)

FRAME: Reinforcement

Section Modulus (combination)	1/4" Inside Channel
Resisting bending moment	14.15 per rail
	1,560,000 in. lbs. per rail

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CHASSIS EQUIPMENT

Automatic drain valve
 Automatic radiator shut-off
 Cab front corner protectors
 Differential, MACK Power Divider for
 Dual Reduction-Axle
 Driver's rest—Bushman, Viking T-Item
 American Metal, Union Airflex

Engine water conditioner
 Hand control valve
 Hand throttle control—dash mounted
 Hook, elec., steel tone
 Hubbrakes
 Hydraulic jack, 8 or 12 ton
 MACK building mirrors

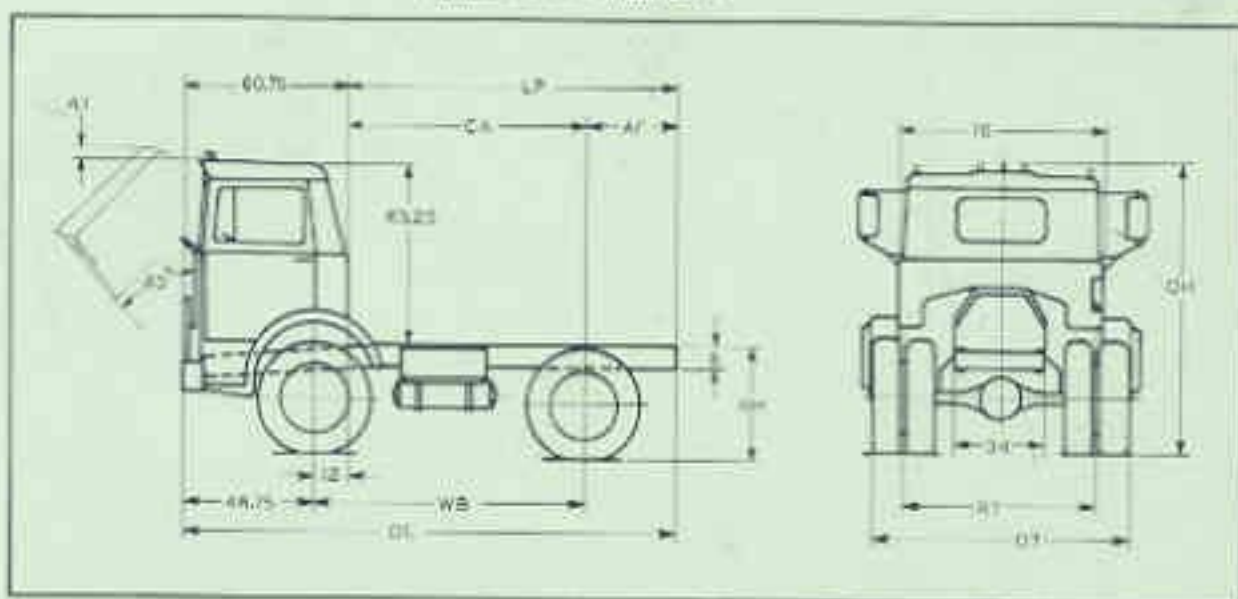
Power steering (hydraulic)
 Seat belt retractor
 (Model with air or Union seat only)
 Tow eyes, frame mounted, front
 Trailer connections, full
 Vertical column

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

RECOMMENDED POWER TRAIN COMBINATIONS

ENGINE†	CLUTCH	TRANSMISSION	DRIVESHAFT SERIES (MAIN)	REAR AXLE
3208 D.I. (Mack 12.9 CFM)	CL 696 CL 775	6352	1610	L-155C-W RAS 512C RAD 529C R 170C-W
		RT 610	1610	
		RT 613	1710	
ETZ 477 (Mack 12.5 CFM)		MT 640	1610	
		MT 650	1710	

† Driveshaft Series represents size, not manufacturer.
 † Standard Air Corporation shown.



WB	LP	CA	AF	OI	Turning Circle Dia. (Outer edge of tire) Est.	
					Right	Left
110	131	44	31	181.2	27 ft.	27 ft.

TIRE SIZE	OH Approx.	RT		Front Track	OC	RT
		Empty	Loaded			
8.00-20	105.7	40.3	36.8	81.0	83.4	71.4
10.00-20	106.4	40.9	37.5	81.3	83.2	71.4
10.00-22	107.4	41.8	38.4	81.3	85.1	71.4
11.00-20	106.8	41.0	38.2	80.8	84.2	71.1
11.00-22	108.0	42.2	39.1	80.8	85.5	71.1

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

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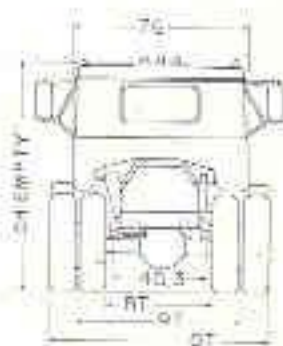
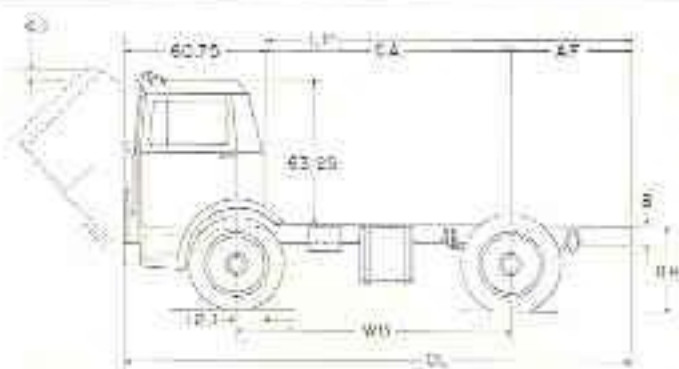


MB-401 P

**FOUR-WHEEL
DIESEL
COE TRUCK**

New Mack truck model MB-401P provides traditional Mack dependability and economy in the difficult field of city-suburban delivery service. This four-wheel COE model has the stamina to haul larger payloads over a longer period with less maintenance. Excellent maneuverability, due in part to the set back front axle, is designed to meet all demands.

The Mack Scania diesel engine, producing 140 horsepower at 2400 rpm, assures dependable service to economically meet the strenuous requirements of short-haul city-suburban deliveries. Specifically engineered to efficiently operate in a field where engine hours are of more consequence than mileage, this engine is designed to increase profits on local deliveries.



WB	LP	CA	AF	DL	Turning Circle Dia. (Outer edge of tire) in.	
					Right	Left
122	174	108	66	224.8	38 ft.	34 ft.
138	198	126	72	258.8	41 ft.	41 ft.
150	222	138	84	282.8	47 ft.	47 ft.
162	246	150	96	306.8	60 ft.	60 ft.

Dimensional drawings are in inches and feet for standard chassis unless otherwise specified.

TIRE SIZE	OH	SH	Tire Tread	OH	SH	RT
	Approx.	Loaded		Spoke Wheels		
8.25-20	58.3	34.8	28.5	43.3	71.3	30.5
9.00-20	69.2	37.3	27.4	44.1	71.8	48.7
10.00-20	79.8	38.8	27.5	43.3	71.4	47.2
10.00-22	100.8	39.0	26.9	43.3	71.4	47.5
11.00-20	100.3	38.3	26.4	46	71.3	48.3

Spoke heights are subject to variations: 1" axle, 3/8" axle.

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MODEL MB-401P

ADVANCE SPECIFICATIONS

STANDARD EQUIPMENT

WHEELBASE: 129" (LP 174", CA 168")

ENGINE, Diesel:

Model END 475

Make Mack-Scania

Type Naturally aspirated

Number of cylinders 6

Bore and stroke 4.53" x 4.93"

Piston displacement, cu. in. 475

Brake horsepower at 2400 rpm 140

Max. torque @ 1300 rpm 350 lb.-ft.

Lube oil filter By-pass

Air cleaner Oil bath type

Radiator, frontal area, sq. in. 560

Thermostat Standard

Fuel tank 40 gal., left side, steel, rd.

ELECTRICAL SYSTEM:

Voltage and capacity 12 Volt, 30 Amp.

Starting system 12 Volt

Batteries (4) 6 Volt, 160 amp. hr.

CLUTCH:

Model (MACK) CL 472

Type Single-plate, dry, 13 $\frac{3}{8}$ " O.D.

Area of engagement, sq. in. 202

TRANSMISSION:

Model TR 103

Type Five-speed, direct

DRIVESHAFT:

Series 1550 (3 $\frac{1}{2}$ " OD)

FRONT AXLE:

Model (MACK) FA 511

REAR AXLE:

Model RAS 307

Carrier CRS 125, Single-reduction

Ratios 5.29, 5.83, 6.17, 6.83

BRAKES:

Type Hydraulic

Front 15" x 2 $\frac{1}{2}$ " x 5/16", 166 sq. in.

Rear 16" x 5" x 7/8", 329 sq. in.

Parking Band type, 10 $\frac{1}{2}$ " x 3"

WHEELS & TIRES:

Wheels Cast, spoke

Tires 8.25-20 (10P), 6.5 Rims

Note: Available only with FA 511 and RAS 307 axles.

STEERING GEAR:

Model SG 42

Steering wheel dia. 20"

FRAME:

Size 8" x 3" x 1/4" (90,000 psi)

Material Chrome-manganese steel, heat-treated

Section Modulus 7.83 per rail

CAB:

Model (MACK) CA 43

Type Cab over engine, two man

Painting Mack green, red or prime

CHASSIS EQUIPMENT: Front shock absorbers; fresh air cab heater; defrosters; one combination stop-tail light; two I.C.C. lights; three marker lights; sealed-beam headlights and parking lights; automatic reset circuit breakers; front turn signals (manual cancelling); horn, electric, single-tone; voltmeter; sun visor, left side; windshield wipers, dual, vacuum; West Coast type mirrors, one each side.

OPTIONAL EQUIPMENT

WHEELBASES 138", 150", 162"
(See dimensional chart for LP & CA)

TRANSMISSION:

Model (MACK) TR 771, 5-speed

(MACK) TRD 77, 10-speed

(MACK) TRD 775, 10-speed, unishift

CLUTCH:

Model (MACK) CL 401

Type Single plate, dry, 13 $\frac{3}{8}$ " O.D.

Area of engagement, sq. in. 220

FRONT AXLES:

Models (MACK) FA 514 or FA 532

Note: FA 514 and FA 532 require SG 26 steering gear, min. tire size, 10.00 x 20. FA 532 requires air brakes.

REAR AXLES:

Model (MACK) RAS 508

Carrier CRS 84, ratios 5.14, 5.57, 6.17, 6.83

Model (Timken) RA2DT 518 (2-speed)

Carrier CR2D 101, ratios 5.34-7.10, 6.16-8.31

Note: Above axles require air brakes, min. tire size, 10.00-20

BRAKES:

Type (includes Tu-Flo 500 compressor) Air

FA 511 16 $\frac{1}{4}$ " x 3" x 1/2" (204 sq. in.)

FA 514, FA 532 16 $\frac{1}{2}$ " x 4" x 3/4" (276 sq. in.)

RAS 307 15" x 6" Stopmaster (377 sq. in.)

RAS 508 16 $\frac{1}{2}$ " x 6" x 3/4" (414 sq. in.)

RA2DT 518 15" x 6" Stopmaster (377 sq. in.)

Parking brake Spring loaded

Air compressor Tu-Flo 500 (12 cu. ft.)

WHEELS & TIRES:

Wheels (7.0 or 8.0 Rims) Steel Disc

(7.5 Rims) Hi-Tensile or Accu-Ride Disc

Tires, Size 9.00-20 (10P) 7.0 Rims

Size 10.00-20 or 10.00-22 (12P) 7.5 Rims

Size 11.00-20 (12P) 8.0 Rims

Note: 10.00-20 min. size for FA 514, FA 532, RAS 508, or RA2DT 518

STEERING GEAR:

Model SG 26

Note: Required with FA 514 and FA 532

FRAME:

Reinforcement (90,000 psi) 1/4" Inside Channel

Section Modulus 15.79 per rail

ELECTRICAL SYSTEM:

Generator 12 Volt, 50 Amp. (low cut-in)

Alternator 12 Volt, 50 Amp. (low cut-in)

Alternator 12 Volt, 60 Amp. (heavy-duty)

FUEL TANK:

Capacity and location 40 gal., right side, steel, round

CHASSIS EQUIPMENT: Power steering, hydraulic; automatic radiator shutters; buzzer type low vacuum indicator for vac-hyd. brakes; buzzer type low air pressure indicator (included with air brakes); tachometer; Uni-son Action driver's seat; hubodometer; automatic drain valve; rear turn signals (loose); Perry water filter; windshield wipers, dual, air (included with air brakes); spare rim or disc wheel; 8- or 12-ton jack.

Specifications are subject to change without notice.





MODEL

MB-401T

- DIESEL FUEL ECONOMY
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	90" (LP 111", CA 78")
ENGINE: (MACK) (Diesel)	END 475, Mack-Scania
Type	Naturally aspirated
Number of cylinders	6
Bore and stroke	4.53" x 4.93"
Piston displacement, cu. in.	475
Brake horsepower at 2400 rpm	140
Max. torque @ 1300 rpm	350 lb.-ft.
Lube oil filter	By-pass
Air cleaner	Oil bath type
Radiator, frontal area, sq. in.	560
Thermostat, to open	170°
FUEL TANK	40 gal., left side, steel, rd.
ELECTRICAL SYSTEM: Generator	12 Volt, 55 Amp.
Starting system	12 Volt
Batteries (4H group)	(4) 6 Volt
Plates per cell 23; Amp. hr. @ 20 hr. rate	160
CLUTCH: Model	CL 47
Type	Single-plate, dry, 13 7/8" O.D.
Area of engagement, sq. in.	202
TRANSMISSION: Model	TR 109
Type	Five-speed, direct
<i>Note: Not available with two-speed rear axle.</i>	
DRIVESHAFT:	
Series	1550 (3 1/2" OD)
FRONT AXLE: Model (MACK)	FA 534

*Aux. back-up light switch
Automatic reset circuit breaker
Bumper, flush type
*Cab heater, 20,000 btu
Cab steps, each side, safety fixed
Headlights and parking lights
Horn, electric, single tone

L.E.C. and Marker lights
Rear view mirror, two, West Coast type
(black enamel finish)
Radiator guard
Seat belt anchors
Shock absorbers, front
Stop and tail light
Sun visor, left side

Turn signals, front (with 4-way flasher)
Undercoating
Underframe exhaust
Valve meter
Wheel wrench and handle
Windshield wipers, dual, vacuum
(2) individual wipers
*Windshield washers

*Federal safety package

FOUR-WHEEL MACK DIESEL COE TRACTOR

REAR AXLE: Model	RAS 307	
Carrier	CRS 125, Single-reduction	
Ratios	5.29, 5.83, 6.17, 6.50, 6.83	
SPRINGS, Semi-Elliptic	Front	Rear
Size	46" x 3"	53 3/4" x 3"
Leaves, no. & thickness	8 @ 0.360"	6 @ 0.558" 2 @ 0.499"
BRAKES: Type	AIR	
Front	15" x 2 1/2" (166 sq. in.)	
Rear	16" x 5" (329 sq. in.)	
Parking	Band type, 10 1/2" x 3"	
Air Compressor	TU-FLO 500 (12 cu. ft.)	
Air Reservoir Capacity	2960 cu. in. (approx.)	
WHEELS & TIRES: Wheels	Cast, spoke	
Tires	8.25-20 (10P), 6.5 Rims	
<i>Note: Available only with FA 534, RAS 307 and RA207 306 axles.</i>		
STEERING GEAR: Model	SG 42	
Steering wheel dia.	20"	
Ratio	32:26:32	
FRAME: Size	8" x 3" x 1/4" (90,000 psi)	
Material	Chrome-manganese steel, heat-treated	
Section Modulus	7.83 per rail	
Resisting bending moment	704,700 in. lbs. per rail	
CAB: Model (MACK)	CA 43	
Type (60 3/4" BBC)	Cab over engine, two man	
Painting	Mack green, red or prime	
CHASSIS WEIGHT, STANDARD, LBS.:		
Front 6,095; Rear 1,865; Total 7,960		

CHASSIS EQUIPMENT

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WHEELBASE 110" (See dimensional chart for LF & CA)

TRANSMISSION: (MACK)

- TR 771 5-spd., direct
 - TRD 77 10-spd., direct, Duplex
 - TRD 77S 10-spd., direct, Unishift
 - TR 110 (Clark) 5-spd., direct
 - MT-41 (Allison) 6-spd., automatic
- TR 110 available only with two-speed axle.
TRD 77, in combination with RAD 529 not available with 90" WB.

CLUTCH:

- Model (MACK) CL 405
- Type Single plate, dry, 13 7/8" O.D.
- Area of engagement, sq. in. 220

FRONT AXLES: (MACK)

- FA 535 Springs, 5 @ .360", 6 @ .323"
 - FA 532 Springs, 13 @ 0.360"
- Above front axles require SG 26 steering gear.
FA 535 and FA 532 min. tire size, 10.00-20; FA 532 requires air brakes.

REAR AXLES: (MACK)

MODEL	CARRIER	RATIO
RAS 508	CRS 84	4.63, 5.14, 5.57, 6.17, 6.83
RA2DT 306	CR2D 120	4.92-6.24, 5.63-7.13, 6.00-7.61
RA2DT 532	CR2D 121	Same ratios as RA2DT 306
RAD 529	CRD 117	4.62, 5.43, 5.78, 6.36, 6.80

RA2DT (Timken 2-spd. axles) available with TR 106 5-spd. trans.
RA2DT 532 requires air brakes.
RA2DT 306 and RAS 307 max. tire size, 10.00-20.

SPRINGS:

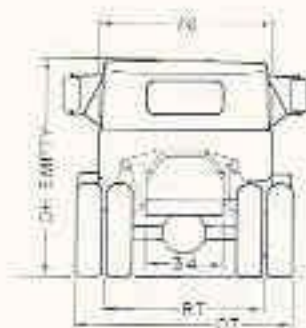
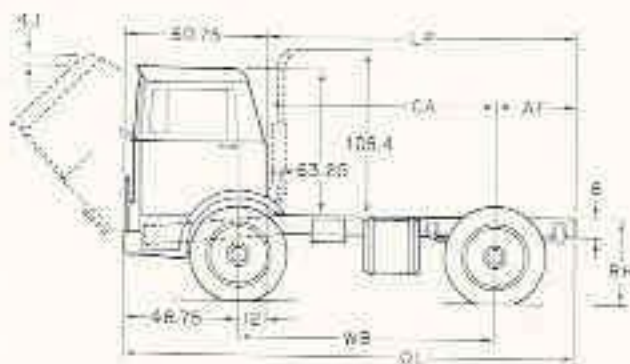
- RAS 508, RA2DT 532, RAD 529 9 leaves @ 0.558"

- Air cleaner, mounted back of cab
- Air reservoir, isolated for spring-loaded brakes (with air brakes only)
- Automatic drain valve
- Automatic radiator shutters
- Break-away safety valve
- Cab front corner protectors
- Differential, Mack Power Divider for Dual Reduction axles
- Driver's seat — Bostrom, Viking T-bars
- American Metal, Unison Action

- CHASSIS EQUIPMENT**
- Engine water filter, Perry
 - Front wheel brake limiting valve
 - Hand control valve
 - Hubdynamo
 - Hydraulic jack 5- or 12-ton
 - Low vacuum indicator, buzzer (opt. with hyd. brakes)
 - Low air pressure indicator, buzzer (incl. with air brakes)
 - Power steering

- Spring loaded parking brake (incl. warning light in cab)
- Stop and tail light, extra
- Tachometer, single-hand
- Tow eyes, frame mounted, front
- Trailer conn., semi-trailer
- Turn signals, rear (loose)
- Vertical exhaust
- Windshield wipers, dual, air, (2) individual motors (incl. with air brakes)

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



WB	LF	CA	AT	QL	Turning Circle Dia. (Outer edge of trail bar)	
					Right	Left
90	111	78	33	171.8	30 ft.	30 ft.
110	131	98	32	191.8	34 ft.	34 ft.

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

TIRE SIZE	OH Approx.	RH		QT Front Truss	RT Back Wheel	
		Empty	Loaded		Spoke	Wheel
8.00-20	102.8	40.4	36.0	78.5	92.3	21.4
9.00-20	103.8	41.1	37.3	77.4	94.1	21.4
10.00-20	104.7	41.8	38.0	76.9	95.3	21.4
10.00-22	105.4	42.8	39.0	76.9	95.3	21.4
11.00-20	105.7	42.2	38.1	78.4	95	21.1

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

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MODEL

MB-403P

- MACK THERMODYNE DIESEL
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	120" (LP 174"; CA 108")
ENGINE: (Diesel)	
Model (MACK).....	END 465C, Thermodyne
Type.....	Naturally aspirated
Number of cylinders.....	6
Bore and stroke.....	4 ⁷ / ₁₆ " x 5"
Piston displacement, cu. in.....	464
Brake horsepower at 2600 rpm.....	155
Max. torque @ 1600 rpm.....	350 lb.-ft.
Lube oil filter (10 qts.).....	By-pass
Air cleaner.....	Oil bath type
Radiator, frontal area, sq. in.....	560
Water capacity, system.....	40 qts.
Thermostat, to open.....	170°
Fuel pump (PSI).....	Single plunger
FUEL TANK	40 gal., right side, steel, rd.
ELECTRICAL SYSTEM:	
Generator.....	12 Volt, 30 Amp.
Starting system.....	12 Volt
Batteries.....	(4) 6 Volt
Plates per cell.....	23
Amp. hr. @ 20 hr. rate.....	160
Group number.....	4H
CLUTCH:	
Model.....	CL 471
Type.....	Single-plate, dry, 13 ⁷ / ₈ " O.D.
Area of engagement, sq. in.....	202
TRANSMISSION:	
Model.....	TR 103
Type.....	Five-speed, direct
<i>Note: Not available with two-speed rear axle.</i>	
DRIVESHAFT:	
Series.....	1550 (3 ¹ / ₂ " OD)

FOUR-WHEEL MACK DIESEL COE TRUCK

FRONT AXLE:	
Model (MACK).....	FA 511
REAR AXLE:	
Model.....	RAS 307
Carrier.....	CRS 125, Single-reduction
Ratios.....	5.29, 5.83, 6.17, 6.50, 6.83
SPRINGS, Semi-Elliptic	
Size.....	Front 46" x 3" Rear 53 ³ / ₄ " x 3"
Leaves, no. & thickness.....	B @ 0.360" 6 @ 0.558" 2 @ 0.499"
BRAKES:	
Type.....	Hydraulic
Front.....	15" x 2 ¹ / ₂ " x 3 ¹ / ₄ " (166 sq. in.)
Rear.....	16" x 5" x 1/2" (1329 sq. in.)
Parking.....	Band type, 10 ¹ / ₂ " x 3"
WHEELS & TIRES:	
Wheels.....	Cast, spoke
Tires.....	8.25-20 (10PI), 6.5 Rims
<i>Note: Available only with FA 511, RAS 307 and RA201 306 axles.</i>	
STEERING GEAR:	
Model.....	SG 42
Steering wheel dia.....	20"
Ratio.....	37:26:32
FRAME:	
Size.....	8" x 3" x 1/2" (90,000 psi)
Material.....	Chrome-manganese steel, heat-treated
Section Modulus.....	7.83 per rail
Resisting bending moment.....	704,700 in. lbs. per rail
CAB:	
Model (MACK).....	CA 43
Type (60 ³ / ₈ " BBC).....	Cab over engine, two man
Painting.....	Mack green, red or prime
CHASSIS WEIGHT, STANDARD, LBS.:	
Front 6,145; Rear 1,950; Total 8,095	

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic reset circuit breakers
Sump, flush type
Cab heater, 30,000 BTU
Cab steps, each side, safety tread
Headlights and parking lights
Horn, electric, single tone
I.C.C. and Marker lights

Rear view mirror, two, West Coast type
(black enamel finish)
Radiator guard
Seat belt anchors
Shock absorbers, front
Slap and tail light
Sun visor, left side
Tachometer, single-hand type

Turn signals, front (with 4-way flasher)
Undercoating
Underframe exhaust
Voltmeter
Wheel wrench and handle
Windshield wipers, dual, vacuum
(2) individual motors

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OPTIONAL EQUIPMENT

MODEL MB-403P

WHEELBASES 138", 150", 162"
 (See dimensional chart for LP & CA)

TRANSMISSION: (MACK)

TR 771 5-spd., direct
 TRD 77 10-spd., direct, Duplex
 TRD 775 10-spd., direct, Unishift
 TR 106 (Clark) 5-spd., direct
 MT 41 (Allison) 6-spd., automatic
TR 106 available only with two-speed axle.

CLUTCH:

Model (MACK) CL 405
 Type Single plate, dry, 13 7/8" O.D.
 Area of engagement, sq. in. 220

FRONT AXLES: (MACK)

FA 514 Springs, 5 @ .360", 6 @ .323"
 FA 532 Springs, 13 @ 0.360"
 FA 604 (Timken) Springs, 10 @ 0.499"

*FA 514 and FA 532 require SG 26 steering gear.
 FA 514 and FA 532 min. tire size, 10.00-20.
 FA 532 and FA 604 require air brakes.
 FA 604 requires inside channel reinforcement and power steering.
 12.00-20 tires, 13,000 lbs. limit.*

REAR AXLES: (MACK)

MODEL	CARRIER	RATIO
RAS 508	CRS 84	5.14, 5.57, 6.17, 6.50, 6.83
RA2DT 306	CR2D 120	4.92-6.24, 5.63-7.13, 6.00-7.61
RA2DT 532	CR2D 121	Same ratios as RA2DT 306
RAD 606	CRD 118	5.52, 5.98, 6.52, 7.21

*RA2DT (Timken two-spd.) axles available with TR 106 5-spd. trans.
 RA2DT 306 and RAS 307 max. tire size, 10.00-20.
 RA2DT 532 and RAD 606 require air brakes.*

SPRINGS:

RAS 508, RA2DT 532, RAD 606 9 leaves @ 0.558"

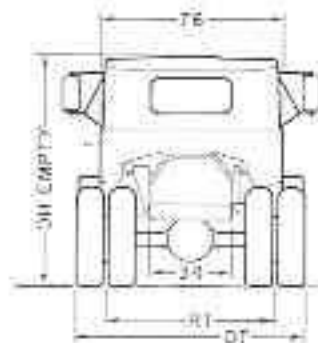
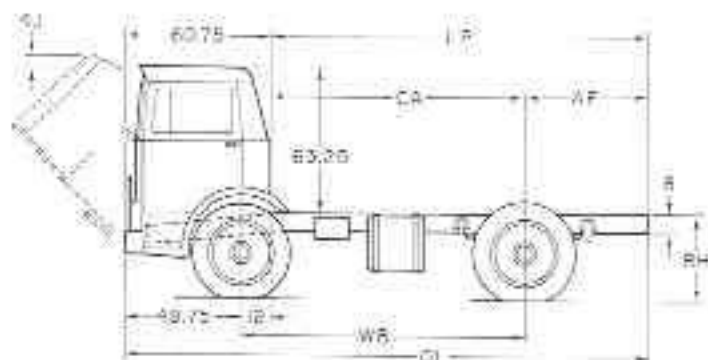
- Air cleaner, mounted back of cab
- Air reservoir, isolated for spring-loaded brakes (with air brakes only)
- Automatic drain valve
- Cab front corner protectors
- Differential, Mack Power Divider for Dual Reduction axles
- Driver's seat — Bostron, Viking T-bar, American Metal, Unison Action

CHASSIS EQUIPMENT

- Engine water filter, Pony
- Hubometer
- Hydraulic jack 3- or 12-ton
- Low vacuum indicator, buzzer (opt. with hyd. brakes)
- Low air pressure indicator, buzzer (incl. with air brakes)
- Power steering

- Spring loaded parking brake (incl. warning light in cab)
- Stop and tail light, extra
- Tow eyes, frame mounted, front
- Turn signals, rear (base)
- Windshield wipers, dual, air, (2 individual motors incl. with air brakes)

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



WB	LF	CA	AF	CL	Tire Size (Dia. of first fl.)	
					Std.	1-h
138	74	10E	6E	234.8	36 in.	36 in.
150	120	12A	7E	250.8	41 in.	41 in.
150	222	12E	8A	262.8	47 in.	47 in.
162	246	14C	9E	286.8	48 in.	48 in.

Chassis dimensions are in inches and are for standard axles unless otherwise specified.

Tire Size	Ht.			Front Tread	DT	RT
	Upr.	Empty	Loaded			
8.00-20	36.8	40.6	35.8	49.2	62.3	71.6
9.00-20	39.8	43.1	37.2	77.4	84.1	71.4
10.00-20	41.8	44.0	36.9	85.3	85.3	71.4
11.00-20	42.8	45.8	36.0	93.0	93.0	71.4
12.00-20	43.3	46.5	36.5	98.4	98.4	71.4
13.00-20	43.3	49.0	39.0	98.3	98.3	71.4

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

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MODEL MB-403S

- MACK THERMODYNE DIESEL
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	133" (BP 198", CA 121")
ENGINE: (Diesel)	
Model (MACK)	END 465C, Thermodyne
Type	Naturally aspirated, 6 cyl.
Bore and stroke	4 7/16" x 3"
Piston displacement, cu. in.	464
Brake horsepower at 2600 rpm	155
Max. torque @ 1600 rpm	350 lb.-ft.
Lube oil filter (10 qts.)	Bypass
Air cleaner	Oil built type
Radiator, frontal area, sq. in.	560
Water capacity system, qts.	40
Thermostat, to open	170°
Fuel pump (PSJ)	Single plunger
FUEL TANK	40 gal., right side, steel, rd.
ELECTRICAL SYSTEM:	
Generator	12 Volt, 30 Amp.
Starting system	12 Volt
Batteries	(4) 6 Volt
Plates per cell	23
Amp. hr. @ 20 hr. rate	160
Group number	4H
CLUTCH:	
Model	CL 471
Type	Single-plate, dry, 13 1/2" O.D.
Area of engagement, sq. in.	202
TRANSMISSION:	
Model	TR 103
Type	Five-speed, direct
DRIVESHAFT:	
Make and size	Spicer, 1550, 3 1/2" OD
FRONT AXLE:	
Model (MACK)	FA 514

SIX WHEEL MACK DIESEL COE TRUCK

BOGIE:		
Model (MACK)	SWDL 56	
Carriers (Dual Reduction)	CRDP 92 & CRD 93	
Ratios	5.13, 5.73, 6.34, 7.00, 7.49, 8.24, 9.13	
SPRINGS:	Front	Rear
Size	46" x 3"	50" x 4"
Leaves, no. & thickness	5 @ 0.360"	9 @ 0.625"
	6 @ 0.323"	
BRAKES:		
Type	Air	
Rear	16 1/2" x 6" x 3/4" (828 sq. in.)	
Front	16 1/2" x 4" x 3/4" (276 sq. in.)	
Parking	Band type, 12" x 3" (139 sq. in.)	
Air Compressor	Tu-Flo 400 (7 1/2 cu. ft.)	
Air reservoir capacity	2960 cu. in. (approx.)	
WHEELS & TIRES:		
Wheels	Cast, spoke	
Tires	10.00-20 (12PL 7.3 Rims)	
STEERING GEAR:		
Model (MACK)	5G 26	
Steering wheel dia.	20"	
Ratio	28.4:1	
FRAME:		
Size	9" x 3 1/2" x 1/2" (90,000 psi)	
Material	Chrome-manganese steel, heat-treated	
Section Modulus	9.76	
Resisting bending moment	878,400 in. lbs. per rail	
CAB:		
Model (MACK)	CA 43	
Type (60 1/2" BBC)	Cabs over engine, two man	
Painting	Mack green, red or prime	
STANDARD CHASSIS WEIGHT (LBS.)		
	Front 6,635; Rear 5,750; Total 12,385	

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic reset circuit breakers
Bumper, fish type
Cab heater, 20,000 Btu
Cab steps, each side, safety tread
Headlights and parking light
Horn, electric, single tone
I.C.C. and Marker lights

Low air pressure indicator, buzzer
Rear view mirror, two, West Coast type
(black enamel finish)
Radiator guard
Seat belt cutlaser
Shock absorbers, front
Stop and tail light
Sun visor, left side

Tachometer, single hand type
Turn signals, front (with 4-way flasher)
Undercoating
Underframe exhaust
Valvecover
Wheel wrench and handle
Windshield wipers, dual, etc.
(3) individual wipers

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OPTIONAL EQUIPMENT

MODEL MB-403S

WHEELBASES: 148", 164", 178"
(See dimensional chart for LF & CA)

CLUTCH:

Model (MACK) CL 405
Type Single plate, dry, 13 3/4" OD
Area of engagement 220 sq. in.

TRANSMISSION: (MACK)

TRD 77 10-spd., direct, Duplex
TRD 775 10-spd., direct, Unishift
TRQ 770 18-spd., overgear, Quadruplex
MT-41 (Allison) 6-spd., automatic

FRONT AXLE:

FA 532 (MACK) Springs, (13) 360"
FA 604 (Timken) Springs, (10) 499"
FA 604 requires axle element reinforcement and power steering.
12,00-20 tire, 13,000 lbs. limit.

BOGIE: (MACK)

	same as	except for
SWDL 561	SWDL 56	7" wide brakes
SWDL 563	SWDL 56	Timken 6" brakes
SWDL 564	SWDL 56	Timken 7" brakes
SWD 75	SWDL 56	Inverted Camel-back springs & Timken 6" brakes
SWD 751	SWD 75	Timken 7" brakes
SWD 73	SWD 75	Walking beam & spring suspension
SWD 731	SWD 75	Timken 7" brakes
SWD 57	SWD 75	Heavy duty axles and suspension; Mack 6" brakes
SWD 5701	SWD 57	7" wide brakes
SWD 573	SWD 57	Cast steel axle housing
SWD 5731	SWD 573	7" wide brakes
SWD 574	SWD 57	Timken 6" brakes
SWD 5741	SWD 57	Timken 7" brakes
SWD 575	SWD 573	Timken 6" brakes
SWD 5751	SWD 573	Timken 7" brakes

Air cleaner, mounted back of cab
Air Compressor To-Flu 500 (12 in. H.)
in place of To-Flu 400

Air reservoir, isolated for spring-loaded brakes
Automatic drain valve
Breakaway safety valve
Bogie spacing, 22" (SWD 57 series)
Cab front corner protector

Driver's seat — Boston, Viking 1 boy
American Metal, Unicox Action
Engine water filter, Perry
Front wheel brake lining valve
Head control valve
Hubdamper
Hydraulic jack 6- or 12-ton
Power steering

Spring loaded parking brake
Incl. warning light in cab
(with air w/e std. driveshaft brake)
Tag and tail light, extra
Tag eyes, frame mounted, front
Trailer eyes, full trailer (no base)
Turn signals, rear (base)
Vertical exhaust

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

BOGIE: (cont.)

SUSPENSION: SWD 75: 8 leaves @ 0.432"
SWD 73: 3 leaves (1) .788", (2) .521" and walking-beam
SWD 57: 10 leaves @ 0.788", 33" spacing, 11 @ 0.788"

Carriers and rollers same as standard
Power Divider Lock-out (Merust), air valve control

BRAKES: (MACK)

FA 532 16 1/2" x 4" x 3/4" (276)
SWD 57, SWD 573 16 1/2" x 6" x 3/4" (828)
SWDL 561, SWD 5701,
SWD 5731 16 1/2" x 7" x 3/4" (952)

BRAKES: (Timken, Stopmaster)

FA 604 15" x 4" x 3/4" (247)
SWDL 563, SWD 75,
SWD 73, SWD 574, 575 15" x 6" x 3/4" (754)
SWDL 561, SWD 751, 731,
SWD 5741, 5751 15" x 7" x 3/4" (880)

Timken, Stopmaster brakes include automatic brake adjustment.
Full size emergency brake, unit standard driveshaft brake.

WHEELS & TIRES:

Wheels (8.0 Rims) Steel Disc
(7.5 Rims) Hi-Tensile or Accu-Ride Disc
Tires, Size 10.00-22 (12P) 7.5 Rims
Size 11.00-20 or 11.00-22 (12P) 8.0 Rims
Size 12.00-20 (14P) 8.0 Rims

Available option: 12.00-20 from 10.00-20 rear.
10.00-22 max. size on SWDL 56, SWD 75, SWD 73 series.
11.00-22 tires available only on SWD 57 series with 22" angle spring.

FRAME:

Reinforcement (90,000 psi) 1/2" inside Channel
Section Modulus (with I.C.) 17.22 per rail
Resisting bending moment 1,594,800 in. lbs. per rail

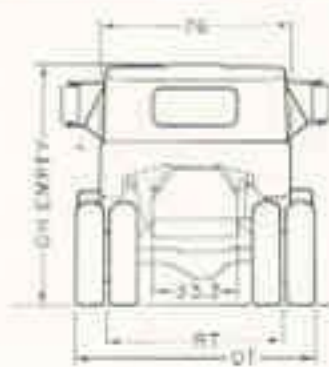
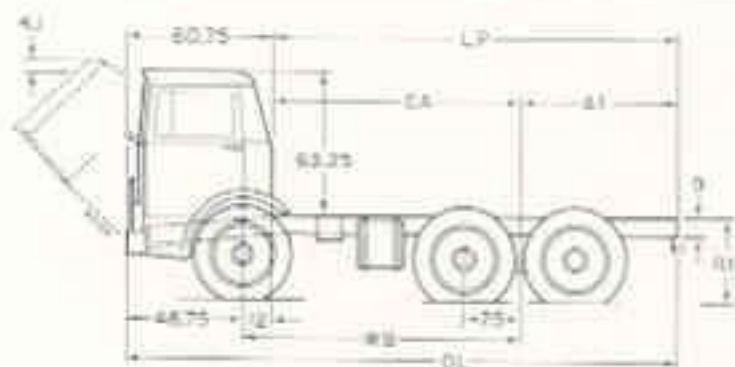
ELECTRICAL SYSTEM:

Generator 12 Volt, 55 Amp
Alternator 12 Volt, 55 Amp

FUEL TANK:

Capacity and location 40 gal., left side, steel, round

CHASSIS EQUIPMENT



WB	LF	CA	AF	DL	Track Gauge (to Outer edge of tire)	
					Right	Left
148	158	121.0	77.0	258.0	49 in.	48 in.
148	202	128.0	86.0	262.0	51 in.	50 in.
148	246	135.0	94.0	266.0	53 in.	52 in.
178	270	166.0	104.0	320.0	58 in.	58 in.

Flange dimensions are in inches and are for standard chassis unless otherwise stated.

Tire Size	OT	RT			OT	RT
		Front	Eng.	Overall		
10.00-20	99.8	47.8	28.2	76.0	62.3	71.4
10.00-22	100.8	49.8	29.5	76.9	62.3	71.4
11.00-20	105.2	42.2	28.2	73.9	61	71.3
11.00-22	101.3	45.2	29.2	76.2	61	71.3

Flange heights are subject to variations: 1" regular, 2" loaded.

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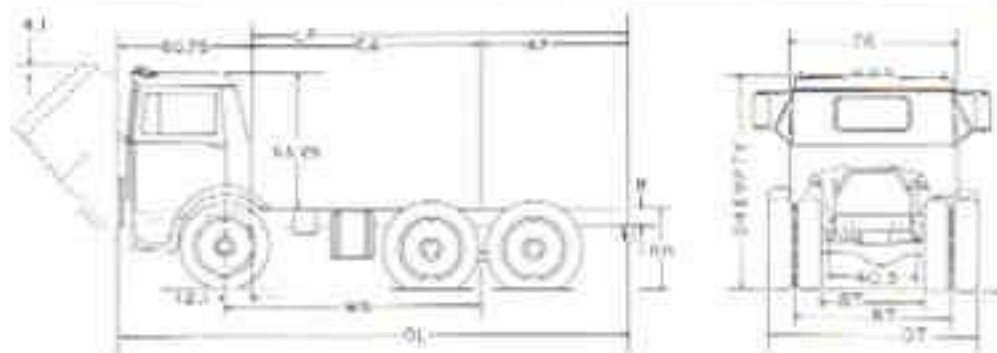


MB-410S

**SIX-WHEEL
GASOLINE
COE TRUCK**

New Mack truck model MB-410S provides traditional Mack dependability and economy in the difficult field of city-suburban delivery service. This six-wheel COE model has the stamina to haul larger payloads over a longer period with less maintenance. Excellent maneuverability, due in part to the set back front axle, is designed to meet all demands.

Driver comfort and convenience are assured by the sturdy Mack cab featuring a fully adjustable driver's seat, exceptional visibility, adequate ventilation and handy controls. Traditional Mack long life with low maintenance is a feature of this low silhouette cab over engine model.



WB	FO	CA	AP	OL	Tire Circle Dia. (30 in. x 3.5 in. x 16 in.)	
					Right	Left
133	188	121.0	77.0	258.8	48 in.	48 in.
148	222	136.0	86.0	282.8	52 in.	52 in.
164	246	152.0	94.0	306.8	55 in.	55 in.
179	270	166.0	104.0	330.8	58 in.	58 in.

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

SRE SRE	GV	RE-LOADED		Front Track	O1	R1	ST
		Approx.	SWDL 26				
10,000-22	88.3	37.8	34.1	76.9	65.3	71.4	47.3
12,000-22	100.4	36.8	34.1	76.9	62.2	71.4	47.3
11,000-22	100.9	36.2	34.1	76.4	66	71.7	46.2

Frame height not subject to variation. 17" empty, 15" loaded.

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MODEL MB-410S

STANDARD EQUIPMENT

WHEELBASE 133" (LP 198", CA 121")

ENGINE, Gasoline:

Model EN 414
 Make Chrysler
 Type V-8, Naturally aspirated
 Number of cylinders 8
 Bore and stroke 4 $\frac{1}{4}$ " x 3 $\frac{1}{2}$ "
 Piston displacement, cu. in. 413
 Brake horsepower at 2800 rpm 189
 Max. torque @ 2100 rpm 375 lb.-ft.
 Lube oil filter Full-flow and by-pass
 Lube oil cooler Tube & shell type
 Air cleaner Oil bath type
 Radiator, frontal area, sq. in. 700
 Thermostat Standard
 Fuel tank 40 gal., left side, steel, rd.

ELECTRICAL SYSTEM:

Voltage and capacity 12 Volt, 40 Amp., Alternator
 Starting system 12 Volt
 Batteries (2) 6 Volt, 160 amp. hr.

CLUTCH:

Model (MACK) CL 472
 Type Single-plate, dry, 13 $\frac{1}{2}$ " O.D.
 Area of engagement, sq. in. 202

TRANSMISSION:

Model TR 103
 Type Five-speed, direct

DRIVESHAFT:

Series 1550 (3 $\frac{1}{2}$ " O.D.)

FRONT AXLE:

Model (MACK) FA 514

BOGIE:

Model SWDL 56
 Carriers CRDP 92 & CRD 93
 Rattles 6.34, 7.00, 7.49, 8.24, 9.15

BRAKES:

Type (includes Tu-Flo 500 compressor) Air
 Front 16 $\frac{1}{2}$ " x 4" x $\frac{3}{8}$ " (276 sq. in.)
 Rear 16 $\frac{1}{2}$ " x 6" x $\frac{3}{8}$ " (328 sq. in.)
 Parking Band type, 10 $\frac{1}{2}$ " x 3"

WHEELS & TIRES:

Wheels Cast, spoke
 Tires 10.00-20 (12P), 7.5 Rims

STEERING GEAR:

Model SG 26
 Steering wheel dia. 20"

FRAME:

Size 9" x 3 $\frac{1}{2}$ " x $\frac{1}{2}$ " (90,000 psi)
 Material Chrome-manganese steel, heat-treated
 Section Modulus 9.8 per rail

CAB:

Model (MACK) CA 43
 Type Cab over engine, two man
 Painting Mack green, red or prime

CHASSIS EQUIPMENT: Front shock absorbers; fresh air cab heater; defrosters; one combination stop-tail light; two I.C.C. lights; three marker lights; sealed-beam headlights and parking lights; automatic reset circuit breakers; front turn signals (manual cancelling); horn, electric, single-tone; voltmeter; sun visor, left side; buzzer type low air pressure indicator; windshield wipers, dual, air; West Coast type mirrors, one each side.

OPTIONAL EQUIPMENT

WHEELBASES 148", 164", 178"

(See dimensional chart for LP & CA)

TRANSMISSION:

Model (MACK) TR 771, 5-speed
 (MACK) TRD 77, 10-speed
 (MACK) TRD 77S, 10-speed, Unishift
 (MACK) TRQ 770, 18-speed

CLUTCH:

Model (MACK) CL 401
 Type Single plate, dry, 13 $\frac{1}{2}$ " O.D.
 Area of engagement, sq. in. 270

FRONT AXLE:

Model (MACK) FA 532
 Note: Brakes are same as standard

BOGIE:

SWDL 561 (Camel-back suspension; Mack 7" brakes)
 SWDL 563 (Camel-back suspension; Timken 6" brakes, incl. automatic brake adjustment feature)
 SWDL 564 (Camel-back suspension; Timken 7" brakes, incl. automatic brake adjustment feature)
 SWDL 75 (Inverted camel-back suspension; Mack 6" brakes)
 SWDL 751 (Inverted camel-back suspension; Mack 7" brakes)
 SWD 75 (Inverted camel-back suspension; Timken 6" brakes, incl. automatic brake adjustment feature)
 SWD 751 (Inverted camel-back suspension; Timken 7" brakes, incl. automatic brake adjustment feature)
 SWD 57 (Heavy-duty; Camel-back suspension; Mack 6" brakes)
 SWD 5701 (Heavy-duty; Camel-back suspension; Mack 7" brakes)
 SWD 573 (Same as SWD 57 except for cast steel axle housing)
 SWD 5731 (Same as SWD 5701 except for cast steel axle housing)

Carriers and Rattles for all above bogies are same as standard.

Power Divider Lock-out (Manual, air valve control)

WHEELS & TIRES:

Wheels (8.0 Rims) Steel Disc
 (7.5 Rims) Hi-Tensile or Accu-Ride Disc
 Tires, Size 10.00-22 (12P) 7.5 Rims
 Size 11.00-22 (12P) 8.0 Rims

Note: 11.00-22 tires available only on SWDL 56 or SWD 57 series with 22" bogie spacing.

FRAME:

Reinforcement (90,000 psi) $\frac{1}{4}$ " Inside Channel
 Section Modulus 17.72 per rail

ELECTRICAL SYSTEM:

Generator 12 Volt, 55 Amp.
 *Alternator 12 Volt, 60 Amp. (heavy-duty)
 *Not available with power steering.

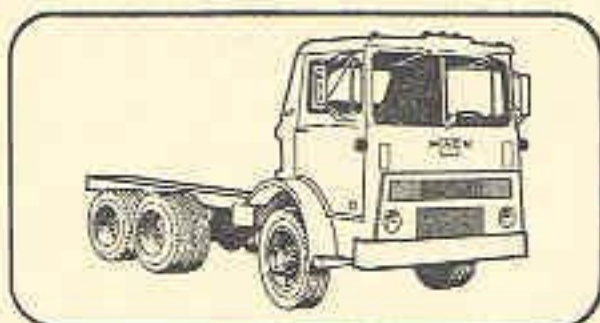
FUEL TANK:

Capacity and location 40 gal., right side, steel, round

CHASSIS EQUIPMENT: Hydraulic power steering; automatic radiator shutters; Unison Action driver's seat; hubodometer; automatic drain valve; rear turn signals (base); Perry water filter; hand control valve; spare rim or disc wheel; 8- or 12-ton jack.

Specifications are subject to change without notice.





MB-477S MODEL COE 6-WHEEL TRUCK

STANDARD TRUCK CHASSIS Includes:

Wheelbase	133"	Electrical System	12 Volt, 53 Amp. Alt.
Platform (LP)	198" (CA 121")	Starting System	12 Volt
Frame	8" x 3 1/4" x 1/4"	Cab	CA 43
*Engine	V8-185 HT	Heater & Def.	20,000 B.T.U.
Clutch	CL 60	Fuel Tank	40 gal., right side, steel, round
Transmission	TR 109	Radiator: Shutters	Automatic
Front Axle	FA 535	*Frontal Area	800 sq. in.
Bogie	8WDL 58	Shock Absorbers	Front
Carriers	CRDPC 92 & CRD 93	*Stop, Tail & Directional	Combination, rear
Ratios	7.00, 7.49, 8.24, 9.15	Turn Signals	Front
Wheels	Cast spoke	Exhaust	Underframe
Tires:		Rear View Mirrors	Two, West Coast type
Front & Dual Rear	10.00-20 (12F)	Front Bumper	Flush type
Rims	7.5	Horn	Electric, single-tone
Brakes	Air (Cummins compressor)	L.C.C. Lights	One on each corner of cab roof
Steering Gear	SG 26	Marker Lights	Cluster of three on cab roof
		Federal Safety Package	Jan. 1, 1989 Standards

All available ratios are shown. Reference to Data Book must be made for speed and performance.

**RED, GREEN, PRIME—ONLY AVAILABLE COLORS FOR CA 43 CAB
ANY OTHER COLOR MUST BE HANDLED ON A LOCAL BASIS**

STANDARD CHASSIS WEIGHT — Front 6,630 lbs., Rear 5,750 lbs., Total 12,380 lbs.

*STANDARD CHASSIS PRICE \$18,310.00 Surcharge
\$1,261.70

Price at Factory, Allentown, Pa.

OPTIONAL CHASSIS EQUIPMENT

		ESTIMATED ADDITIONAL WGT., LBS.	
		Surcharge	Front Rear
Wheelbase:	*148" WB (LP 222"; CA 138")	\$ 40.00	\$ 3.20 20 35
	*164" WB (LP 248"; CA 152")	170.00	13.60 75 110
	*178" WB (LP 270"; CA 168")	200.00	16.00 90 140
*Frame Reinf.:	*1/4" Inside Channel (for 133" WB) (LP 198")	240.00	19.20 160 240
	*(for 148" WB) (LP 222")	240.00	19.20 180 265
	*(for 164" WB) (LP 246")	240.00	19.20 200 290
	*(for 178" WB) (LP 270")	240.00	19.20 215 325
	*Obligatory with FA 8042.		
Tachometers:	Single-hand type	32.00	2.58 2
Transmission:	*TRD 77	700.00	56.00 42 13
	*TRQ 77Q Quadruplex	1,035.00	82.80 135 35
	*MT-42 (Allison, automatic) and B/L 7231D Auxiliary	2,437.00	194.95 278 158
	*Minimum wheelbase 164".		

* Denotes change

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MODEL MB-477S

OPTIONAL CHASSIS EQUIPMENT (Cont'd)

			ESTIMATED ADDITIONAL WGT., LBS.			
			Surcharge	Front	Rear	
Front Axle:	FA 532	83.00	8.64	90		
	FA 6042 (Hydraulic Power Steering mandatory)	530.00	42.40	405		
	FA 6042 requires inside channel reinforcement and power steering; 12.00-20 tires.					
Power Steering:	Hydraulic (Linkage type)	315.00	25.20	75		
Bogie:	SWDL 501 (Camel-back suspension; Mack 7" brakes)	103.00	10.64		134	
	SWDL 503 (Camel-back suspension; Rockwell-Standard 6" brakes)	174.00	13.92		—68	
	SWDL 504 (Camel-back suspension; Rockwell-Standard 7" brakes)	174.00	13.92		—68	
	SWD 75 (Inverted camel-back suspension; Rockwell-Standard 6" brakes) <i>Not Allowance</i>	15.00	—1.50		—209	
	SWD 751 (Inverted camel-back suspension; Rockwell-Standard 7" brakes) <i>Not Allowance</i>	15.00	—1.50		—189	
	SWD 73 (Walking beam & spring suspension; Rockwell-Standard 6" brakes) <i>Not Allowance</i>	15.00	—1.50		—305	
	SWD 731 (Walking beam & spring suspension; Rockwell-Standard 7" brakes) <i>Not Allowance</i>	15.00	—1.50		—285	
	SWDL 57 (Heavy-duty camel-back suspension; Mack 6" brakes)	347.00	27.76		602	
	SWDL 5701 (Heavy-duty camel-back suspension; Mack 7" brakes)	480.00	38.40		668	
	SWDL 573 (Same as SWDL 57 except for cast steel axle housing)	444.00	35.52		712	
	SWDL 5731 (Same as SWDL 5701 except for cast steel axle housing)	577.00	46.16		788	
	SWD 574 (Same as SWDL 57 except for Rockwell-Standard 6" brakes) ...	521.00	41.68		558	
	SWD 5741 (Same as SWD 574 except for 7" brakes)	521.00	41.68		578	
	SWD 575 (Same as SWDL 573 except for Rockwell-Standard 6" brakes) ..	618.00	49.44		678	
	SWD 5751 (Same as SWD 575 except for 7" brakes)	618.00	49.44		698	
	<i>Rockwell-Standard brakes include automatic brake adjustment, four fall-safe auxiliary brake units per bogie, standard driveshaft brake omitted.</i>					
	NOTE: Carriers and ratios for all above bogies are same as standard. Reference must be made to Data Book for speed and performance.					
Power Divider Lock-out:	Manual, air valve control	125.00	10.08		50	
Wheels & Tires:	Refer to OPTIONAL TIRE SECTION for Price, Surcharges, Weight & Chassis application.					
Semi-Trailer Conn.:	Brake & Electrical including Break-away Valve, no Shut Off Valves (Min. L.C.C. requirement)	89.00	7.12	17	4	
Electrical System:	12 Volt, 62 Amp. Alternator	35.00	2.88	—10		
Cab:	Cab front corner protector, each side	34.00	2.72	20		
Hand Throttle Control:	Dash Panel Mounted	10.00	.80	2		
Fuel Tank:	40-gallon, left side, Steel, Round	97.00	7.76	60	20	
Towing:	Toe eyes, frame mounted, front	22.00	1.84	10		
Vertical Exhaust:	* Left rear corner of cab	62.00	4.96	30	10	

For additional common type options see ADDITIONAL EQUIPMENT section.

* Denotes change

MACK TRUCKS, INC., ALLENTOWN, PENNSYLVANIA

ONE OF THE SIGNAL COMPANIES

THE TRUCK CAPITAL OF THE WORLD

JUNE, 1970

PRINTED IN U.S.A.

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MODELS

MB483T*

MB483P

*REFER TO OPTIONAL WHEELBASE

- AMPLE DIESEL POWER
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	120" (LP 174"; CA 108")
ENGINE: (Diesel)	6V-53N
Type	Two cycle
Bore & stroke	3 $\frac{3}{8}$ " x 4 $\frac{1}{2}$ "
Piston displacement, cu. in.	318
* Brake hp @ 2600 rpm	190
* Max. torque @ 1500 rpm	431 lb.-ft.
Lube oil filter	Full flow
Air cleaner (mtd. back of cab)	Oil bath type
Radiator, frontal area	800 sq. in.
Thermostat, to open	170°
*Based on performance of SAE standard conditions of 500 ft. altitude and 85°F air intake temperature.	
FUEL TANK	40 gal. , left side, steel, rd.
ELECTRICAL SYSTEM: Alternator (D, R)	12 Volt, 62 Amp.
Starting system	12 Volt
Batteries (Group 4H)	(4) 6 Volt
Plates per cell 23; Amp. hr. @ 20 hr. rate	165
CLUTCH: Model	CL 6011
Type	Single-plate, 13 $\frac{3}{4}$ " O.D.
Area of engagement, sq. in.	214
TRANSMISSION: Model	5CW65AT
Type	5 spd., direct
FRONT AXLE: (MACK)	FA 535C
Capacity	10,500 lbs.
REAR AXLE: Model	RAS 307C
Capacity	18,500 lbs.
Carrier	CRS 125, Single-reduction
Ratios	5.29, 5.83, 6.17, 6.50, 6.83, 7.20

SPRINGS: Semi-Elliptic	Front (FA 535C-W)	Rear (RAS 307C-W)	
	Ground load rating	10,500 lbs.	18,500 lbs.
	Size	46" x 3"	53 $\frac{1}{2}$ " x 3"
	Leaves, no. & thickness	11 @ .360"	6 @ .558" 2 @ .499"

BRAKES: (Tu-Flo 500, 12 Cu. Ft. Compressor)	Air
Front (cam type)	16 $\frac{1}{2}$ " x 4" (250 sq. in.)
Rear (cam type)	16 $\frac{1}{2}$ " x 7" (440 sq. in.)
Auxiliary	Spring loaded type

AIR RESERVOIR	One
Location	Under left frame rail
Capacity	2,235 cu. in.

WHEELS & TIRES:	
Wheels	Cast, spoke
Tires	9.00-20 (10P), 7.0 Rims

STEERING GEAR: Model	5G 26
Steering Wheel Diameter, Ratio	20", 32.4:1

FRAME: Size	8" x 3" x $\frac{1}{4}$"
Material	Heat-treated 110,000 PSI Minimum Yield Strength Steel
Section Modulus	7.83 per rail
Resisting bending moment	860,000 in. lbs. per rail

CAB: (MACK)	(Incl. rider seat) CA 43
Type (60 $\frac{3}{4}$ " BBC)	Cab over engine, two man

CHASSIS WEIGHT, STANDARD, LBS.:	
Front 6,536; Rear 2,092; Total 8,628	

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic reset circuit breakers
Back-up light
Bumper, flush type
Cab heater and defroster, 20,000 btu
Cab steps, each side, safety tread
Combination stop, tail, & rear turn signals (2)
Headlights
Horn, electric, single tone

I.D. & clearance lamps
Low air pressure buzzer
Rear view mirror, two, West Coast type
(black enamel finish)
Radiator guard
Seat belts
Shock absorbers, front
Side reflectors
Sun visor, left side
Tachometer, single hand type

Turn signals, front & rear (with 4-way flasher)
Undercoating
Underframe exhaust
Voltmeter
Warning light for spring loaded exc. brakes
Wheel wrench and handle
Windshield washers
Windshield wipers, dual, air,
(2) individual motors

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OPTIONAL EQUIPMENT

MODEL MP-483P — MB-483T

WHEELBASES *190", *98", *103", *110", 138", 150", 162", 174", 186"

*Tractor Wheelbase.

†Available only with 5CW 65AT/RT 612 and RAD 529 or 5CW 65AT and 2-spd. axle.

Chassis designation changes from "P" to "T" when Tractor Wheelbase is furnished.

TRANSMISSION:

RT 610	10 spd., direct
MT 640 (Allison)	4 spd., automatic
MT 650 (Allison)	5 spd., automatic

CLUTCH:

Model	*CL 696
Type	Two-plate, 14" O.D.
Area of engagement, sq. in.	424
Model	*CL 773
Type	Two-plate, 14" O.D.
Area of engagement, sq. in.	423

*Avail. w/ RT 610 only.

FRONT AXLES:

FA 535C-W	10,500 lbs. capacity		
Springs:	(STD.)	(OPT.)	(OPT.)
Ground load ratings	10,500 lbs.	9,500 lbs.	8,000 lbs.
Size	46" x 3"	46" x 3"	46" x 3"
Leaves, no. & thickness	11 @ .360"	5 @ .360"	8 @ .360"
Brakes: Cam type	16 1/2" x 4" (250 sq. in.)		
Wedge type	15" x 4" (252 sq. in.)		
FA 532C-W	12,000 lbs. capacity		
Springs:	(STD.)	(OPT.)	(OPT. H.D.)
Ground load ratings	12,000 lbs.	11,000 lbs.	13,500 lbs.
Size	46" x 3"	46" x 3"	46" x 3"
Leaves, no. & thickness	13 @ .360"	11 @ .360"	14 @ .360"
Brakes: Cam type	16 1/2" x 4" (250 sq. in.)		
Wedge type	15" x 4" (252 sq. in.)		
FAW 612C	18,000 lbs. capacity		
Springs:	(STD.)	(OPT.)	
Ground load ratings	18,000 lbs.	16,000 lbs.	
Size	46" x 3"	46" x 3"	
Leaves, no. & thickness	11 @ .499"	8 @ .499"	
Brakes: Cam type	16 1/2" x 5" (312 sq. in.)		

*Factory will select springs to properly match load shown on order. FAW 612C requires inside channel reinforcement.

WHEELS & TIRES:

Wheels (7.0 or 8.0 Rims)	Steel Disc
(7.5 or 8.5 Rims)	Hi-Tensile or Accu-Ride Disc
Tires, Size	10.00-20 or 10.00-22 (12P) 7.5 Rims
Size	11.00-20 or 11.00-22 (12P) 8.0 Rims
Size	12.00-20 (14P) 8.5 Rims

REAR AXLES:

RAS 307C-W	18,500 lbs. capacity	
Carrier	CRS 125	
Ratios	5.29, 5.83, 6.17, 6.50, 6.83, 7.20	
Springs:	(STD.)	(OPT. H.D.)
Ground load ratings	18,500 lbs.	23,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	6 @ .558"	9 @ .558"
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	
Wedge type	15" x 7" (440 sq. in.)	
RAS 512C-W	23,000 lbs. capacity	
Carrier	CRS 84	
Ratios	5.14, 5.57, 6.17, 6.83, 7.14	
Springs:	(STD.)	(OPT.)
Ground load ratings	23,000 lbs.	19,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	9 @ .558"	6 @ .558"
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	
Wedge type	15" x 7" (440 sq. in.)	
RAD 529C-W	23,000 lbs. capacity	
Carrier	CRD 117	
Ratios	4.88, 5.43, 5.78, 6.36, 6.80, 7.48, 7.85, 8.83	
Springs:	(STD.)	(OPT.)
Ground load ratings	23,000 lbs.	19,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	9 @ .558"	6 @ .558"
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	
Wedge type	15" x 7" (440 sq. in.)	
RAD 608C	29,000 lbs. capacity	
Carrier	CRD 118	
Ratios	4.99, 5.52, 5.98, 6.52, 7.21, 7.81, 8.52	
Springs:	(STD.)	
Ground load ratings	29,000 lbs.	
Size	51" x 3"	
Leaves, no. & thickness	12 @ .499"	
(Radius Rods)	3 @ .447"	
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	
RA2DT 306C-W	18,500 lbs. capacity	
Carrier	CR2D 120	
Ratios	4.92, 6.24, 5.63, 7.13, 6.00, 7.61, 6.39, 8.11, 6.65, 8.43, 7.10, 9.01	
Springs:	(STD.)	(OPT. H.D.)
Ground load ratings	18,500 lbs.	23,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	6 @ .558"	9 @ .558"
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	
Wedge type	15" x 7" (440 sq. in.)	
RA2DT 532C-W	22,000 lbs. capacity	
Carrier	CR2D 121	
Ratios	4.92, 6.24, 5.63, 7.13, 6.00, 7.61, 6.39, 8.11, 6.65, 8.43, 7.33, 9.30	
Springs:	(STD.)	(OPT.)
Ground load ratings	22,000 lbs.	19,000 lbs.
Size	53 1/4" x 3"	53 1/4" x 3"
Leaves, no. & thickness	9 @ .558"	6 @ .558"
Brakes: Cam type	16 1/2" x 7" (440 sq. in.)	
Wedge type	15" x 7" (440 sq. in.)	

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R 170	23,000 lbs. capacity	
Ratios	4.87, 5.28, 5.86, 6.14	
Springs:	(STD.)	(OPT.)
Ground load ratings	23,000 lbs.	19,000 lbs.
Size	53 3/4" x 3"	53 3/4" x 3"
Leaves, no. & thickness	9 @ .558"	6 @ .558" 2 @ .499"

RA20T 308C-W & RA5 307 max. tire size — 10.00-20.
 Note: 2-speed axles available only with 3-speed transmission.

FRAME: Reinforcement	3/4" Inside Channel
Section Modulus (combination)	14.15 per rail
Resisting bending moment	1,560,000 in. lbs. per rail

FUEL TANKS:

The following in addition to STANDARD:

40 gal.	Right side, steel, round
---------	--------------------------

The following in place of STANDARD:

51 gal.	One each side, steel, round
60 gal.	Left side, steel, round
70 gal.	Left side, steel, round

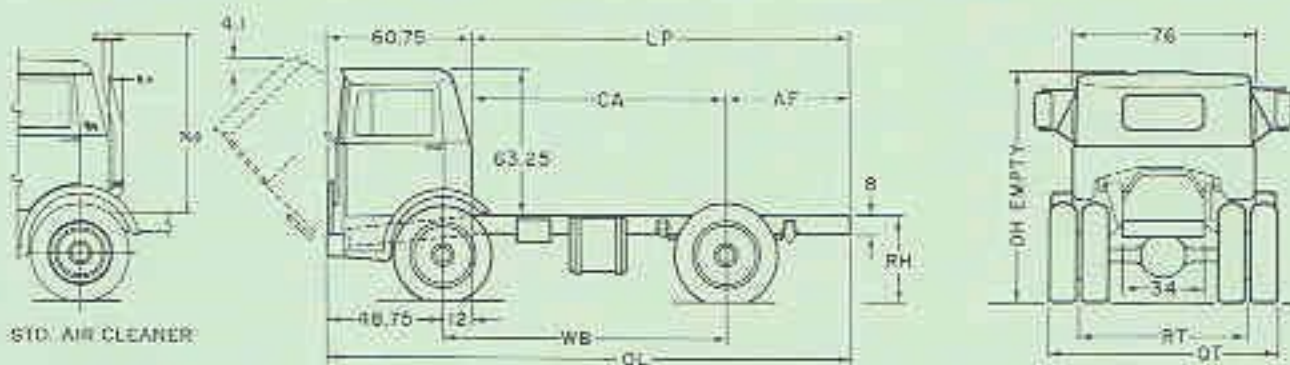
CHASSIS EQUIPMENT

Air reservoir, isolated for spring-loaded brakes
 Automatic drain valve
 Cab front corner protectors
 Differential, MACK Power Divider for Dual Reduction-Axles
 Driver's seat—bottom, Viking T-bar; American Metal, Unison Action

Engine water conditioner
 Frame extension; frame, bumper, and tow hooks (for refuse chassis)
 Hand throttle control—dash mounted
 Helper springs, rear
 Hubodometer
 Hydraulic jack 8- or 12-ton

MACK Bulldog mirrors
 Power steering
 Hydraulic—mandatory w/FAW 612C
 Semi-trailer connections (MB 483T)
 Tow eyes, frame mounted, front
 Vertical exhaust (MB 483T)

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



STD. AIR CLEANER

WB	LP	CA	AF	OL	Turning Circle Dia. (Outer edge of tire) Est.	
					Right	Left
90	111	78	33	171.8	32 ft.	32 ft.
98	119	85	33	179.8	34 ft.	34 ft.
103	124	91	33	184.8	35 ft.	35 ft.
110	131	98	33	191.8	36 1/2 ft.	36 1/2 ft.
120	174	109	66	234.8	39 ft.	39 ft.
138	198	126	73	258.8	43 ft.	43 ft.
150	222	138	84	282.8	46 ft.	46 ft.
162	246	150	96	306.8	48 1/2 ft.	48 1/2 ft.
174	270	162	108	330.8	51 1/2 ft.	51 1/2 ft.
188	294	174	120	354.8	54 ft.	54 ft.

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

TIRE SIZE	OH		RH		Front Froid	OT RT	
	Approx.	Empty	Loaded	Spoke Wheels			
9.00-20	104.2	41.2	36.9	79.4	93.5	71.0	
10.00-20	104.9	42.0	37.3	78.9	94.7	71.0	
10.00-22	105.0	42.3	38.5	78.8	95.3	71.4	
11.00-20	105.4	41.8	38.0	78.4	95.0	71.1	
11.00-22	106.4	42.8	39.0	78.3	96.0	71.1	
12.00-20	108.8	42.7	38.9	78.1	97.8	72.1	

Frame heights are subject to variations: 7" empty, 1/2" loaded.



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**MACK
TRUCKS**



MB-487S

MODEL MB-487S

- DEPENDABLE DIESEL POWER
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	133" (LP 198", CA 121")
ENGINE: (MACK-SCANIA)	ENDT 475
Type	Turbocharged, 6 cylinder
Bore & stroke	4.53" x 4.92"
Piston displacement, cu. in.	475
Brake hp @ 2400 rpm	190
Max. torque @ 1500 rpm	470 lb.-ft.
Lube oil filter	By-pass type
Air cleaner	Oil bath type
Radiator, frontal area	700 sq. in.
Thermostat, to open	167°
Fuel pump (R. Bosch)	Multiple unit
FUEL TANK	40 gal., left side, steel, rd.
ELECTRICAL SYSTEM: Alternator (L/N)	12 Volt, 65 Amp.
Starting system	12 Volt
Batteries (Group 4H)	(4) 6 Volt
Plates per cell 23, Amp. hr. @ 20 hr. rate	165
CLUTCH: Model	CL 6021
Type	Single-plate, dry, 13 1/4" O.D.
Area of engagement, sq. in.	214
TRANSMISSION: Model	RT 610
Type	Ten spd., direct
FRONT AXLE: (MACK)	FA 535C
Capacity	10,500 lbs.
BOGIE: w/anti-sway spring	SWS 56C
Capacity	34,000 lbs.
Carriers	CRDPC 92 & CRD 93
Ratios	4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24

SIX-WHEEL MACK DIESEL COE TRUCK

SPRINGS:	Front	Rear
	(FA 535C-W)	(SWS 56C-W)
Ground load rating	10,500 lbs.	34,000 lbs.
Size	46" x 3"	50" x 4"
Leaves, no. & thickness	11 @ .360"	8 @ .788" 2 @ .625"
BRAKES: (Te-Flo 500, 12 Cu. Ft. Compressor)	Air	
Front (com type)	16 1/2" x 4" (250 sq. in.)	
Rear (com type)	16 1/2" x 7" (880 sq. in.)	
Auxiliary	Spring loaded type	
AIR RESERVOIR	Two	
Location	One each side under frame rail	
Capacity	(Each) 1,760 cu. in.	
WHEELS & TIRES:		
Wheels	Cast, spoke	
Tires	10.00-20 (12P), 7.5 Rims	
STEERING GEAR: Model	5G 26	
Steering Wheel Diameter, Ratio	22", 32.4:1	
FRAME: Size	9" x 3 1/2" x 3/4"	
Material	Heat-treated 110,000 PSI Minimum Yield Strength Steel	
Section Modulus	9.76	
Resisting bending moment	1,070,000 in. lbs. per rail	
CAB: (MACK)	(Incl. rider's seat) CA 43	
Type (60% 8BC)	Cab over engine, two man	
STANDARD CHASSIS WEIGHT (LBS.)		
Front 6,914; Rear 6,344; Total 13,258		

CHASSIS EQUIPMENT

Automatic reset circuit breakers	L.D. & clearance lamps	Turn signals, front & rear (with 4-way flasher)
Back-up light	Low air pressure buzzer	Understeering
Bumper, Bush type	Rear view mirror, two, West Coast type	Underframe exhaust
Cab heater and defroster, 20,000 hrs.	(Black enamel finish)	Valveover
Combination stop, turn, & rear turn signals (2)	Rearfender guard	Warning light for spring loaded aux. brakes
Cold starting aid (excess fuel delay) —	Seat belts	Wheel wash and handle
— remote control	Shock absorbers, front	Windshield wipers
Cab steps, each side, safety tread	Side reflectors	Windshield wipers, dual, air,
Headlights	Sun visor, left side	(2) individual motors
Horn, electric, single tone	Tachometer, single hand type	

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OPTIONAL EQUIPMENT

MODEL MB-4875

WHEELBASES 148", 164", 178"
(See dimensional chart for CP & CA)

TRANSMISSION:
RT 613 13 spd., direct
MT 640 (Allison) 4 spd., automatic
MT 650 (Allison) 5 spd., automatic
MT 650 with 2892 (Fuller) 2 spd., auxiliary

CLUTCH:
Model CL 696
Type Two-plate, 14" O.D.
Area of engagement, sq. in. 424
Model Cl 775
Type Two-plate, 14" O.D.
Area of engagement, sq. in. 423

BOGIE:
SWS 56C-W (w/anti-sway springs) 34,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24
Power divider Inter-axle
Springs (STD.)
Ground load rating 34,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 8 @ .788"
2 @ .625"

Brakes: Cam type 16 1/2" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWS 57C-W 38,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24
Power divider Inter-axle
Springs (STD.)
Ground load rating 44,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 10 @ .788"
Brakes: Cam type 16 1/2" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWW 57C-W 38,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24
Power divider Inter-axle
Walking Beam (STD.)
Ground load rating 38,000 lbs.
Material Cast steel
Load centers 50"
Brakes: Cam type 16 1/2" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWS 573C-W 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24
Power divider Inter-axle
Springs (STD.)
Ground load rating 44,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 10 @ .788"
Brakes: Cam type 16 1/2" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWW 573C-W 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24
Power divider Inter-axle
Walking Beam (STD.)
Ground load rating 44,000 lbs.
Material Cast steel
Load centers 50"
Brakes: Cam type 16 1/2" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWS 571C 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24
Power divider Inter-axle
Springs (STD.)
Ground load rating 44,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 10 @ .788"

SWW 571C 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24
Power divider Inter-axle
Walking Beam (STD.)
Ground load rating 44,000 lbs.
Material Cast steel
Load centers 50"
Brakes: Cam type 16 1/2" x 7" (880 sq. in.)

WEDGE BRAKES include automatic adjustment and four fail-safe auxiliary brake units per bogie.
CAM BRAKES include four auxiliary brake units per bogie.

FUEL TANKS:

The following in addition to STANDARD:
40 gal. Right side, steel, round
The following in place of STANDARD:
51 gal. One each side, steel, round
60 gal. Left side, steel, round
70 gal. Left side, steel, round

FRONT AXLES:

FA 535C-W 10,500 lbs. capacity
Springs (STD.) (OPT.) (OPT.)
Ground load ratings 10,500 lbs. 9,500 lbs. 8,000 lbs.
Size 46" x 3" 46" x 3" 46" x 3"
Leaves, no. & thickness 11 @ .360" 5 @ .360" 8 @ .360"
6 @ .325"

Brakes: Cam type 16 1/2" x 4" (250 sq. in.)
Wedge type 15" x 4" (252 sq. in.)
FA 532C-W 12,000 lbs. capacity
Springs (STD.) (OPT.) (OPT. H.D.)
Ground load ratings 12,000 lbs. 11,000 lbs. 13,500 lbs.
Size 46" x 3" 46" x 3" 46" x 3"
Leaves, no. & thickness 13 @ .360" 11 @ .360" 14 @ .360"
Brakes: Cam type 16 1/2" x 4" (250 sq. in.)
Wedge type 15" x 4" (252 sq. in.)

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FAW 612C		18,000 lbs. capacity
Springs	(STD.)	(OPT.)
Ground load ratings	18,000 lbs.	16,000 lbs.
Size	46" x 3"	46" x 3"
Leaves, no. & thickness	11 @ .499"	8 @ .499"
Brakes: Cam type		16 1/2" x 5" (312 sq. in.)

*Factory will select springs to properly match load shown on order.
FAW 612C requires inside channel reinforcement and power steering.
13.00.00 view

WHEELS & TIRES:

Wheels (8.0 Rims)		Steel Disc
(7.5 or 8.5 Rims)		Hi-Tensile or Accu-Ride Disc
Tires, Size	10.00-22 (12P)	7.5 Rims
Size	11.00-20 or *11.00-22 (12P)	8.0 Rims
Size	12.00-20 (14P)	8.5 Rims

*Only w/55" leg length

FRAME:

Reinforcement	1/4" Inside Channel
Section Modulus (with I.C.)	17.80 per rail
Resisting bending moment	1,960,000 in. lbs. per rail

AIR CLEANER:

Farr	Unipac 32
Donaldson	Cyclopac

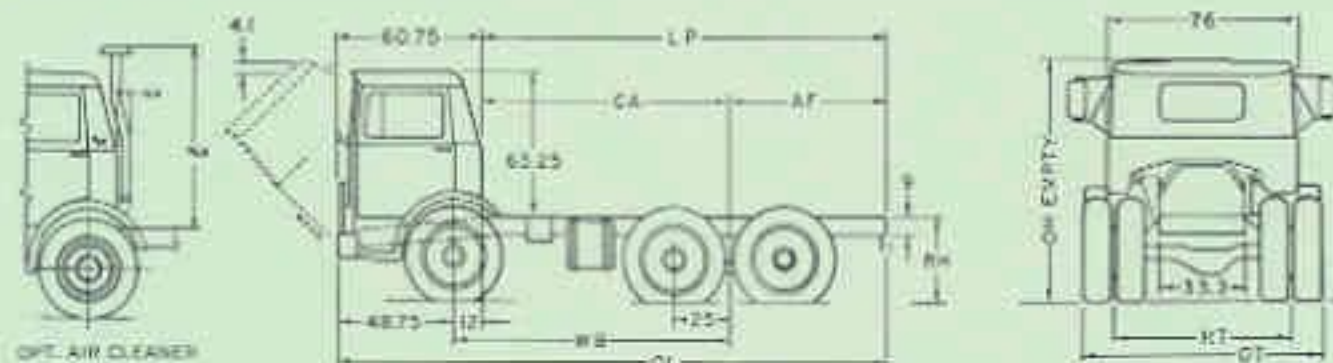
ELECTRICAL SYSTEM:

Alternator	12 Volt, 80 Amp. (Delco)
Alternator	12 Volt, 65 Amp. (Delco)
Alternator	12 Volt, 85 Amp. (L/N)

CHASSIS EQUIPMENT

Air reservoir, isolated for spring-loaded brakes	Break-away safety valve	Front wheel brake limiting valve	Power steering (hydraulic - mandatory w/FAW 612C)
Air cleaner, mid, back of cab	Cab front corner protection	Head control valve	Tow eyes, frame mounted, front
Anti-lay springs (except SW 56 Series)	Driver's seat - Bakair, Viking Thor; American Metal; Union Action	Hand throttle control - dash mounted	Trailer conn., full trailer (no hook)
Automatic drain valve	Engine water conditioner	Hydrolometer	Trailer conn., semi-trailer
Automatic radiator shutters	Frame extension; frame, bumper, and tow hooks (for refuse chassis)	Hydraulic jack 8- or 12-ton	Vertical exhaust
		MACS Bulging wires	
		Power divider lockout	

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



WB	WF	CA	AF	OL	Turning Circle Dia. (Outer edge of tire) in.	
					Right	Left
132	198	121.0	77.0	238.8	48 ft.	48 ft.
148	222	136.0	86.0	282.8	52 ft.	52 ft.
164	246	151.0	94.0	326.8	55 ft.	55 ft.
180	270	166.0	102.0	370.8	58 ft.	58 ft.
196	294	181.0	110.0	414.8	62 ft.	62 ft.

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

TIRE SIZE	OH		EH		Front Track	OT	WT
	Approx.	Empty	Loaded	Loaded			
10.00-20	124.7	41.2	29.1	78.2	95.3	71.4	
10.00-22	125.4	42.2	40.1	78.9	95.3	71.4	
11.00-20	126.2	42.2	40.2	79.4	96	71.1	
11.00-22	126.2	42.2	41.4	79.2	96	71.1	

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





**MACK
TRUCKS**



MODEL MB-491T

- DEPENDABLE DIESEL POWER
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE 98" (LP 119"; CA 86")

ENGINE: (Cummins Diesel) **V8-210**

Type Naturally aspirated V8

Bore and stroke 4 1/8" x 3 1/4"

Piston displacement, cu. in. **504**

* Brake horsepower at 3300 rpm **202**

* Max. torque at 1900 rpm **387 lb.-ft.**

Lube oil filter (2 qts.) Cummins full-flow

Air cleaner Air Maze Dry type

Radiator, frontal area 800 sq. in.

Thermostat, to open 170"

Fuel pump (FTG) Cummins

*Based on performance at S.A.E. standard conditions at 300 feet altitude and 85° air intake temperature.

FUEL TANK 40 gal., right side, steel, rd.

ELECTRICAL SYSTEM: Alternator (L/N) 12 Volt, 65 Amp.

Starting system 12 Volt

Batteries (Group 4H) (4) 6 Volt

Plates per cell 23; Amp. hr. @ 20 hr. rate 165

CLUTCH: **CL 696** or **CL 775**

Make Spicer Lipé

Size 14", 2-plate 14", 2-plate

Lining Organic Organic

Area of engagement 424 sq. in. 423 sq. in.

TRANSMISSION: Model **RT 610**

Type 10-spd., direct

FRONT AXLE: Model **FA 535C**

Capacity 10,500 lbs.

REAR AXLE: Model **RAS 307C**

Capacity 18,500 lbs.

Carrier CR5-125, Single-reduction

Ratios 6.17, 6.50, 6.83, 7.20

CHASSIS EQUIPMENT

Automatic reset circuit breakers

Backup light

Bumper, flush type

Cab heater and defroster, 20,000 hrs.

Combination stop, tail, & rear turn signals (2)

Cab steps, each side, safety tread

Engine water conditioner

Headlights

Horn, electric, single tone

L.D. & clearance lamps

Low air pressure buzzer

Rear view mirror, two, West Coast type

(black enamel finish)

Radiator guard

Seat belts

Shock absorbers, front

Side reflectors

Sun visor, left side

Tachometer, single-hand type

Turn signals, front & rear (with 4-way flasher)

Undersealing

Underframe exhaust (left side)

Valvecover

Warning light for spring loaded exc. brakes

Wheel wrench and handle

Windshield wipers

Windshield wipers, dust, air,

(2) individual motors

	Front (FA 535C-W)	Rear (RAS 307C-W)
SPRINGS: Semi-Elliptic		
Ground load rating	10,500 lbs.	18,500 lbs.
Size	46" x 3"	53 1/4" x 3"
Leaves, no. & thickness	11 @ .360"	6 @ .558" 2 @ .499"

	AIR
BRAKES: (Cummins, 12 Cu. Ft. Compressor)	
Front (cam type)	16 1/2" x 4" (250 sq. in.)
Rear (cam type)	16 1/2" x 7" (440 sq. in.)
Auxiliary	Spring loaded type

	One
AIR RESERVOIR	
Location	Under left frame rail
Capacity	2,235 cu. in.

WHEELS & TIRES:	
Wheels	Cast, spoke
Tires	9.00-20 (10P), 7.0 Rims

STEERING GEAR: Model	SG 26
Steering Wheel Diameter, Ratio	20", 32.4:1

FRAME: Size	8" x 3" x 1/4"
Material	Heat-treated 110,000 PSI Minimum Yield Strength Steel
Section Modulus	7.83 per rail
Resisting bending moment	860,000 in. lbs. per rail

CAB: (MACK)	(Incl. rider seat) CA 43
Type (60 1/4" BBC)	Cab over engine, two man

CHASSIS WEIGHT, STANDARD, LBS.:	
Front 6,452; Rear 2,033; Total 8,485	

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OPTIONAL EQUIPMENT

MODEL MB-491T

WHEELBASES

103", 110"

(See dimensional chart for LP & CA)

TRANSMISSION:

MT 640 (Allison) 4 spd., automatic
MT 650 (Allison) 5 spd., automatic

FRONT AXLES:

FA 535C-W 10,500 lbs. capacity

Springs: (STD.) (OPT.) (OPT.)

Ground load ratings 10,500 lbs. 9,500 lbs. 8,000 lbs.

Size 46" x 3" 46" x 3" 46" x 3"

Leaves, no. & thickness 11 @ .360" 5 @ .360" 8 @ .360"

6 @ .323"

Brakes: Cam type 16 1/2" x 4" (250 sq. in.)

Wedge type 15" x 4" (252 sq. in.)

FA 532C-W 12,000 lbs. capacity

Springs: (STD.) (OPT.) (OPT. H.D.)

Ground load ratings 12,000 lbs. 11,000 lbs. 13,500 lbs.

Size 46" x 3" 46" x 3" 46" x 3"

Leaves, no. & thickness 13 @ .360" 11 @ .360" 14 @ .360"

Brakes: Cam type 16 1/2" x 4" (250 sq. in.)

Wedge type 15" x 4" (252 sq. in.)

FAW 612C 18,000 lbs. capacity

Springs: (STD.) (OPT.)

Ground load ratings 18,000 lbs. 16,000 lbs.

Size 46" x 3" 46" x 3"

Leaves, no. & thickness 11 @ .499" 8 @ .499"

Brakes: Cam type 16 1/2" x 5" (312 sq. in.)

*Factory will select springs to properly match load shown on order.
FAW 612C requires inside channel reinforcement.

REAR AXLES:

RAS 307C-W 18,500 lbs. capacity

Carrier CRS 125

Ratios 6.17, 6.50, 6.83, 7.20

Springs: (STD.) (OPT. H.D.)

Ground load ratings 18,500 lbs. 23,000 lbs.

Size 53 3/4" x 3" 53 3/4" x 3"

Leaves, no. & thickness 6 @ .558" 9 @ .558"

2 @ .499"

Brakes: Cam type 16 1/2" x 7" (440 sq. in.)

Wedge type 15" x 7" (440 sq. in.)

RAS 512C-W 23,000 lbs. capacity

Carrier CRS 84

Ratios 6.17, 6.83, 7.14

Springs: (STD.) (OPT.)

Ground load ratings 23,000 lbs. 19,000 lbs.

Size 53 3/4" x 3" 53 3/4" x 3"

Leaves, no. & thickness 9 @ .558" 6 @ .558"

2 @ .499"

Brakes: Cam type 16 1/2" x 7" (440 sq. in.)

Wedge type 15" x 7" (440 sq. in.)

RAD 529C-W 23,000 lbs. capacity

Carrier CRD 117

Ratios 6.36, 6.80, 7.48, 7.85, 8.83, 9.87

Springs: (STD.) (OPT.)

Ground load ratings 23,000 lbs. 19,000 lbs.

Size 53 3/4" x 3" 53 3/4" x 3"

Leaves, no. & thickness 9 @ .558" 6 @ .558"

2 @ .499"

Brakes: Cam type 16 1/2" x 7" (440 sq. in.)

Wedge type 15" x 7" (440 sq. in.)

RAD 608C 29,000 lbs. capacity

Carrier CRD 118

Ratios 6.52, 7.21, 7.81, 8.52

Springs: (STD.)

Ground load ratings 29,000 lbs.

Size 51" x 3"

Leaves, no. & thickness 12 @ .499"

(Radius Rods) 3 @ .447"

Brakes: Cam type 16 1/2" x 7" (440 sq. in.)

R 170 23,000 lbs. capacity

Ratios 6.14, 6.83, 7.40

Springs: (STD.) (OPT.)

Ground load ratings 23,000 lbs. 19,000 lbs.

Size 53 3/4" x 3" 53 3/4" x 3"

Leaves, no. & thickness 9 @ .558" 6 @ .558"

2 @ .499"

RAS 307C-W max. tire size, 10.00-20.

WHEELS & TIRES:

Wheels (7.0 or 8.0 Rims) Steel Disc

(7.5 Rims) Hi-Tensile or Accu-Ride Disc

Tires, Size 10.00-20 or 10.00-22 (12P) 7.5 Rims

Size 11.00-20 (12P) 8.0 Rims

FRAME:

Reinforcement 1/4" Inside Channel

Section Modulus (combination) 14.15 per rail

Resisting bending moment 1,560,000 in. lbs. per rail

ELECTRICAL SYSTEM:

Alternator 12 Volt, 85 Amp. (Lescage Neville)

12 Volt, 65 Amp. (Delco)

12 Volt, 80 Amp. (Delco)

FUEL TANKS:

The following in addition to STANDARD:

40 gal. Left side, steel, round

The following in place of STANDARD:

51 gal. One each side, steel, round

60 gal. Right side, steel, round

70 gal. Right side, steel, round



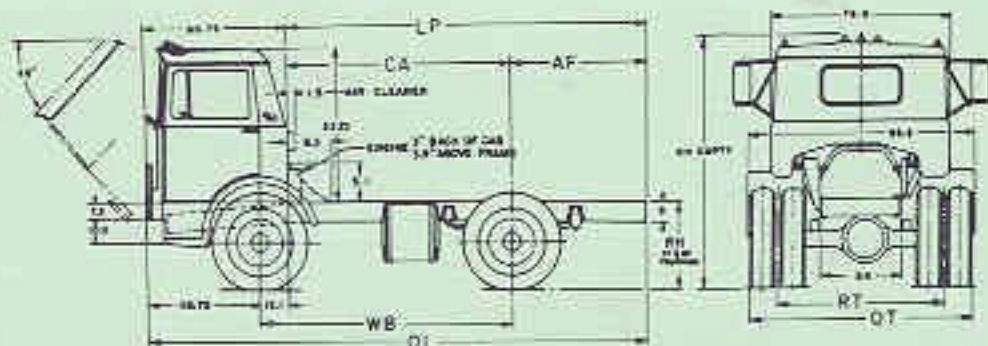
CHASSIS EQUIPMENT

Air reservoir, isolated for spring-loaded brakes
 Automatic drain valve
 Break-away safety valve
 Cab front corner protectors
 Differential, MACK Power Divider for
 Dual Reduction-Axles
 Driver's seat—Bostrom, Viking T-bar;
 American Metal; Unisco Action

Frame extension, frame, bumper,
 and tow hooks (for refuse chassis)
 Front wheel brake limiting valve
 Hand throttle control—dash mounted
 Helper springs, rear
 Hubdamular
 Hydraulic jack 8- or 12-ton

MACK Bulldog mirrors
 Power steering
 (hydraulic—mandatory w/FAW 612C)
 Tow eyes, frame mounted; front
 Trailer-conn., semi-trailer
 Vertical exhaust (left side)

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) Est.	
					Right	Left
98	119	80	33	179.8	34 ft.	34 ft.
109	124	91	33	184.8	35 ft.	35 ft.
110	131	96	33	191.8	36 1/2 ft.	36 1/2 ft.

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

TIRE SIZE	QH		EH		Front Track	OT	RT
	Approx.	Empty	Loaded	Spoke Wheel			
9.00-20	104.2	41.2	36.9	79.4	93.9	71.0	
10.00-20	104.9	42.0	37.5	79.9	94.7	71.0	
10.00-22	105.3	42.2	38.5	78.9	95.3	71.4	
11.00-20	105.4	41.8	38.0	78.4	96.0	71.1	

Frame heights are subject to variations: 3" empty, 1/2" loaded.





**MACK
TRUCKS**



**MODEL
MB-491S**

- DEPENDABLE DIESEL POWER
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	133" (LP 198"; CA 121")	
ENGINE: (Cummins Diesel)	V8-210	
Type.....	Naturally aspirated V8	
Bore and stroke.....	4 $\frac{1}{2}$ " x 3 $\frac{3}{4}$ "	
Piston displacement, cu. in.	504	
* Brake horsepower at 3300 rpm	202	
* Max. torque at 1900 rpm	587 lb.-ft.	
Lube oil filter (2 qts.).....	Cummins full-flow	
Air cleaner.....	Air Maze Dry type	
Radiator, frontal area.....	800 sq. in.	
Thermostat, to open.....	170°	
Fuel pump (PTG).....	Cummins	
<small>*Based on performance at S. A. E. standard conditions of 500 feet altitude and 85° air intake temperature.</small>		
FUEL TANK	40 gal. , right side, steel, rd.	
ELECTRICAL SYSTEM: Alternator (L/N)	12 Volt, 65 Amp.	
Starting system.....	12 Volt	
Batteries (Group 4H).....	(4) 6 Volt	
Plates per cell 23; Amp. hr. @ 20 hr. rate	165	
CLUTCH:	CL 696 or CL 775	
Make.....	Spicer	Lipe
Size.....	14", 2-plate	14", 2-plate
Lining.....	Organic	Organic
Area of engagement.....	424 sq. in.	423 sq. in.
TRANSMISSION: Model.....	RT 610	
Type.....	Ten spd., direct	
FRONT AXLE: (MACK).....	FA 535C	
BOGIE: w/anti-sway spring.....	SWS 56C	
Capacity.....	34,000 lbs.	
Carriers.....	CRDPC 92 & CRD 93	
Ratios.....	6.34, 7.00, 7.49, 8.24, 9.15	

SIX-WHEEL MACK DIESEL COE TRUCK

SPRINGS:	Front (FA 535C-W)	Rear (SWS 56C-W)
Ground load rating.....	10,500 lbs.	34,000 lbs.
Size.....	46" x 3"	50" x 4"
Leaves, no. & thickness.....	11 @ .360"	8 @ .788" 2 @ .625"
BRAKES: (Cummins, 12 Cu. Ft. Compressor)	AIR	
Front (cam type).....	16 $\frac{1}{2}$ " x 4" (250 sq. in.)	
Rear (cam type).....	15 $\frac{1}{2}$ " x 7" (880 sq. in.)	
Auxiliary.....	Spring loaded type	
AIR RESERVOIR	Two	
Location.....	One each side under frame rail	
Capacity.....	(Each) 1,760 cu. in.	
WHEELS & TIRES:		
Wheels.....	Cast, spoke	
Tires.....	10.00-20 (12P), 7.5 Rims	
STEERING GEAR: Model.....	SG 26	
Steering Wheel Diameter, Ratio.....	22", 32.4:1	
FRAME: Size.....	9" x 3$\frac{1}{4}$" x 14"	
Material.....	Heat-treated 110,000 PSI Minimum Yield Strength Steel	
Section Modulus.....	9.76	
Resisting bending moment.....	1,070,000 in. lbs. per rail	
CAB: (MACK).....	(Incl. rider's seat) CA 43	
Type (60 $\frac{3}{4}$ " BBC).....	Cab over engine, two man	
STANDARD CHASSIS WEIGHT (LBS.)		
Front 6,855; Rear 5,970; Total 12,825		

CHASSIS EQUIPMENT

Automatic reset circuit breakers
Back-up light
Bumper, flush type
Cab heater and defroster, 20,000 lbs.
Combination stop, tail, & rear turn signals (2)
Cab steps, each side, safety tread
Engine water conditioner
Headlights
Horn, electric, single tone

I.D. & clearance lamps
Low air pressure buzzer
Rear view mirror, two, West Coast type
(black enamel finish)
Radiator guard
Seat bolts
Shock absorbers, front
Side reflectors
Sun visor, left side

Tachometer, single-band type
Turn signals, front & rear (with 4-way flasher)
Undercoating
Underframe exhaust (left side)
Voltmeter
Warning light for spring loaded aux. brakes
Wheel wrench and handle
Windshield washers
Windshield wipers, dual, air,
(2) individual motors

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OPTIONAL EQUIPMENT

WHEELBASES 148", 164", 178"
(See dimensional chart for LP & CA)

TRANSMISSION:
RT 613 13 spd., direct
MT 640 (Allison) 4 spd., automatic
MT 650 (Allison) 5 spd., automatic
MT 650 with 2892 (Fuller) 2 spd., auxiliary

BOGIE:
SWS 56C-W (w/anti-sway springs) 34,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 6.34, 7.00, 7.49, 8.24, 9.15
Power divider Inter-axle
Springs: (STD.)
Ground load rating 34,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 8 @ .788"
2 @ .625"

Brakes: Cam type 16½" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWS 57C-W 38,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 6.34, 7.00, 7.49, 8.24, 9.15
Power divider Inter-axle
Springs: (STD.)
Ground load rating 44,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 10 @ .788"

Brakes: Cam type 16½" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWW 57C-W 38,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 6.34, 7.00, 7.49, 8.24, 9.15
Power divider Inter-axle
Walking Beam: (STD.)
Ground load rating 38,000 lbs.
Material Cast steel
Load centers 50"

Brakes: Cam type 16½" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWS 573C-W 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 6.34, 7.00, 7.49, 8.24, 9.15
Power divider Inter-axle
Springs: (STD.)
Ground load rating 44,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 10 @ .788"

Brakes: Cam type 16½" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

SWW 573C-W 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 6.34, 7.00, 7.49, 8.24, 9.15
Power divider Inter-axle
Walking Beam: (STD.)
Ground load rating 44,000 lbs.
Material Cast steel
Load centers 50"

Brakes: Cam type 16½" x 7" (880 sq. in.)
Wedge type 15" x 7" (880 sq. in.)

MODEL MB-4915

SWS 571C 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 6.34, 7.00, 7.49, 8.24, 9.15
Power divider Inter-axle
Springs: (STD.)
Ground load rating 44,000 lbs.
Size 50" x 4"
Leaves, no. & thickness 10 @ .788"
Brakes: Cam type 16½" x 7" (880 sq. in.)

SWW 571C 44,000 lbs. capacity
Carriers CRDPC 92 & CRD 93
Ratios 6.34, 7.00, 7.49, 8.24, 9.15
Power divider Inter-axle
Walking Beam (STD.)
Ground load rating 44,000 lbs.
Material Cast steel
Load centers 50"
Brakes: Cam type 16½" x 7" (880 sq. in.)

WEDGE BRAKES include automatic adjustment and four tailgate auxiliary brake units per bogie.
CAM BRAKES include four auxiliary brake units per bogie.

FRONT AXLES:

FA 535C-W 10,500 lbs. capacity
Springs: (STD.) (OPT.) (OPT.)
Ground load ratings 10,500 lbs. 9,500 lbs. 8,000 lbs.
Size 46" x 3" 46" x 3" 46" x 3"
Leaves, no. & thickness 11 @ .360" 5 @ .360" 8 @ .360"
6 @ .323"

Brakes: Cam type 16½" x 4" (250 sq. in.)
Wedge type 15" x 4" (252 sq. in.)

FA 532C-W 12,000 lbs. capacity
Springs: (STD.) (OPT.) (OPT. H.D.)
Ground load ratings 12,000 lbs. 11,000 lbs. 13,500 lbs.
Size 46" x 3" 46" x 3" 46" x 3"
Leaves, no. & thickness 13 @ .360" 11 @ .360" 14 @ .360"

Brakes: Cam type 16½" x 4" (250 sq. in.)
Wedge type 15" x 4" (252 sq. in.)

FAW 612C 18,000 lbs. capacity
Springs: (STD.) (OPT.)
Ground load ratings 18,000 lbs. 16,000 lbs.
Size 46" x 3" 46" x 3"
Leaves, no. & thickness 11 @ .499" 8 @ .499"

Brakes: Cam type 16½" x 5" (312 sq. in.)

*Factory will select springs to properly match load shown on order.
FAW 612C requires inside channel reinforcement and power steering.
12.00-20 tires.

WHEELS & TIRES:

Wheels (8.0 Rims) Steel Disc
(7.5 or 8.5 Rims) Hi-Tensile or Accu-Ride Disc
Tires, Size 10.00-22 (12P) 7.5 Rims
Size 11.00-20 or *11.00-22 (12P) 8.0 Rims
Size 12.00-20 (14P) 8.5 Rims

*Only w/35" bogie spacing.

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FRAME:

Reinforcement	1/2" Inside Channel
Section Modulus (with I.C.)	17.80 per rail
Resisting bending moment	1,960,000 in. lbs. per rail

ELECTRICAL SYSTEM:

Alternator	12 Volt, 85 Amp. (Leace-Neville)
	12 Volt, 65 Amp. (Delco)
	12 Volt, 80 Amp. (Delco)

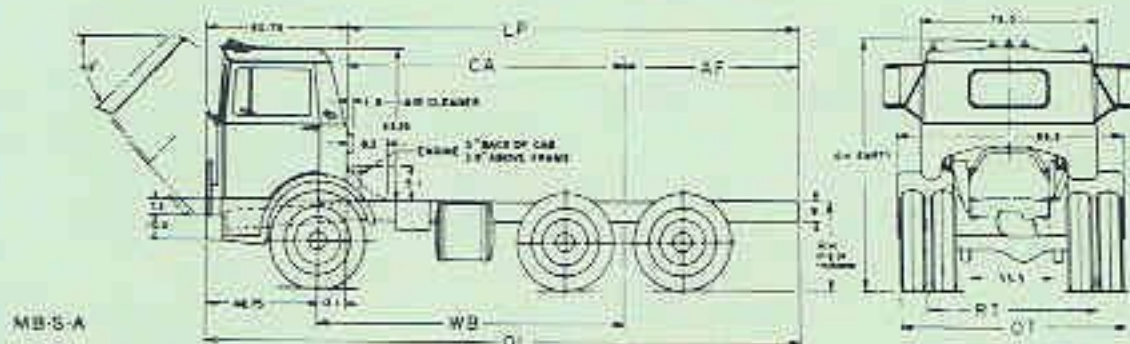
FUEL TANKS:

The following in addition to STANDARD:	
40 gal.	Left side, steel, round
The following in place of STANDARD:	
51 gal.	One each side, steel, round
60 gal.	Right side, steel, round
70 gal.	Right side, steel, round

CHASSIS EQUIPMENT

Anti-lay springs (except SW 56 Series)	Cab front corner protectors	Hand throttle control—dash mounted	Sun visor, right side
Air reservoir, isolated for spring-loaded brakes	Driver's seat—Bostrum, Viking T-bar, American Metal, Usbon Action	Muhodometer	Tow eyes, frame mounted, front
Automatic drain valve	Frame extension, frame, bumper, and tow hooks (for refuse chassis)	Hydraulic jack 8- or 12-ton	Trailer conn., full-trailer (no beam)
Break away safety valve	Front wheel brake limiting valve	MACK Bulldog mirrors	Trailer conn., semi-trailer
		Power divider lockout	Vertical exhaust (left side)
		Power steering (hydraulic mandatory w/FAW 612C)	

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) Est.	
					Right	Left
132	198	121.0	77.0	258.8	48 ft.	48 ft.
140	222	136.0	86.0	282.8	52 ft.	52 ft.
164	246	152.0	94.0	306.8	55 ft.	55 ft.
178	270	168.0	104.0	350.8	58 ft.	58 ft.

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

TIRE SIZE	RH			Front Tread	OT	RT
	Approx.	Empty	Loaded			
10.00-20	104.7	41.2	38.1	78.9	95.3	71.4
10.00-22	105.9	42.2	40.1	78.9	95.3	71.4
11.00-20	109.3	42.2	40.5	78.4	96	71.1
11.00-22	106.2	43.2	41.4	78.2	96	71.1

Frame heights are subject to variations: 1" empty, 3/4" loaded.

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**MACK
TRUCKS**

MODEL

MB-600T

SERIES

STANDARD EQUIPMENT — COE 4-Wheel Tractor

(Based on Model MB-600T)

WHEELBASE 110" (LP 121", CA 98")

ENGINE (MACK Diesel) END 673E

Type Naturally aspirated, 6-cyl.

Bore and stroke 6 1/2" x 5"

Piston displacement, cu. in. 672

* Brake horsepower @ 2100 rpm 180

* Max. torque @ 1400 rpm 540

Lube oil filter Full-flow perm. spin-on disposable type

Air cleaner Oil bath type

Radiator, frontal area 700 sq. in.

Fuel pump (Robert Bosch) Multiple unit

Water filter Spin-on disposable element type

thermostat in open 155"

* Based on performance at sea level & 60°F dry air intake temperature.

FUEL TANK 40 gal., L.H., steel, round

ELECTRICAL SYSTEM: Alternator 3 / 70 12 Volt, 65 Amp.

Starting system 12 Volt

Batteries 18 6 Volt

Plates per cell 23; Amp. hr. @ 70 hr. rate 165

CLUTCH: CL 691 or CL 771

Make Spicer or Elpe

Size 14", 7-plate 14", 7-plate

Lining Organic Organic

Area of engagement 424 sq. in. 423 sq. in.

TRANSMISSION: Model RT 610

Type Ten spd., direct

FRONT AXLE: Model (MACK) FA 535C

Capacity 10,500 lbs.

REAR AXLE RAS 512C

Capacity 22,000 lbs.

Carrier CBS 54

Ratios 4.25, 4.63, 5.14, 5.57, 6.17, 6.83, 7.14

SPRINGS: Front Rear

(FA 535C-W) (RAS 512C-W)

Ground load rating 10,500 lbs. 22,000 lbs.

Size 16" x 3" 12 1/2" x 3"

Leaves, no. & thickness 11 @ 30" 9 @ 35"

BRAKES: Type AIR (TU FLO 501 12 cu. ft. compressor)

Front (Cam Type) 16 1/2" x 4" (250 sq. in.)

Rear (Cam Type) 16 1/2" x 7" (440 sq. in.)

Auxiliary Spring loaded type

AIR RESERVOIR ONE

Location Under left frame rail

Capacity 225 cu. in.

WHEELS AND TIRES:

Wheels Cast spoke

Tires 10.00-20 (12P) 7.5 bias

STEERING GEAR: Model (MACK) SG 29

Steering wheel diameter, ratio 20", 32.4:1

FRAME: Material Heat-treated

Size (10,000 PSI) Section Modulus RBM in. lb.

8" x 3" x 1/4" Minimum Yield 7.83 860,000

Strength Steel

CAB (incl. rider seat) CA 43

Type 80% RBC Cab over engine, two man

STANDARD CHASSIS WEIGHT (EST. LBS.)

Front 5,505; Rear 3,978; Total 9,483

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic reset circuit breakers
Back-up light
Bumper, flush type
Cab heater and bl., 20,000 BTU
Cab steps, each side, safety tread
Combination stop, tail & rear turn signals (2)
Headlights
Horn, electric, single tone

I.D. & clearance lamps
Low air pressure buzzer
Rear view mirror, top; West Coast type
(Black enamel finish)
Radiator guard
Seat belts
Side reflectors
Shock absorbers, front
Sun visor, left side
Tachometer, single hand

Turn signals, front & rear (with 4-way flasher)
Undercoating
Underframe exhaust
Valve-lifter
Warning light for spring loaded aux. brakes
Wheel wrench and fender
Windshield washers
Windshield wipers, dual air,
(2) individual motors

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OPTIONAL EQUIPMENT MB-600T SERIES

See Approved Power Train Combination

ENGINE	CHASSIS MODEL	BORE & STROKE	NO. OF CYL.	*DISP. CU. IN.	*BHP @ RPM	MAX. TORQUE @ RPM
END 673C	MD 687T	4 1/2" x 6"	6	672	190 = 2100	580 = 1800
END 707	MD 608T	5" x 6"	6	707	200 = 2100	557 = 1500
ENDT 673	MB 611T	4 1/2" x 5"	6	672	225 = 2100	632 = 1500
ENDT 675 MAXIPOWER	MD 685T	4 1/2" x 6"	6	672	237 = 1700 (Max.) 225 = 2100 (Nom.)	608 = 1500

*Based on performance at sea level & 80° F dry air intake temperature.

WHEELBASE: 156", 162"
(See Dimensional Chart for 1/2" & 3/4")

FRAME:
Reinforcement 1/4" inside channel
Section Modulus 1491 (I.C.) 14.13
RIBS 1,560,200 in. lbs. per rail

CLUTCH: See Approved Power Train Combinations

CL 68 Splinet, 2 plates, 18" 422 sq. in.
CL 72 Splinet, 4 plate, 18" 728 sq. in.
CL 75 Splinet, 2 plate, 18", single spring 742 sq. in.
CL 77 Lip, 2 plate, 18" 422 sq. in.
CL 78 Lip, 2 plate, 18" 835 sq. in.
CL 79 Splinet, 2 plate, 15 1/2" 118.4 sq. in.

FRONT AXLES:

FA 520C-W 13,500 lbs. capacity

Springs: STD; OPT; OPT
Ground load ratings: 10,500 lbs. 9,500 lbs. 8,000 lbs.
Size: 43" x 3" 48" x 3" 43" x 3"
Leaves, no. & thickness: 9 @ 558" 8 @ 558" 8 @ 558"
Brakes: Cam type 16 1/2" x 7" (440 sq. in.)
Wedge type 13" x 7" (440 sq. in.)

FA 520C-W 12,000 lbs. capacity

Springs: STD; OPT; OPT
Ground load ratings: 12,000 lbs. 11,500 lbs. 11,500 lbs.
Size: 40" x 3" 43" x 3" 43" x 3"
Leaves, no. & thickness: 13 @ 507" 11 @ 507" 14 @ 507"
Brakes: Cam type 16 1/2" x 7" (440 sq. in.)
Wedge type 13" x 7" (440 sq. in.)

FA 617C 14,500 lbs. capacity

Springs: STD; OPT
Ground load ratings: 15,500 lbs. 15,000 lbs.
Size: 40" x 3" 43" x 3"
Leaves, no. & thickness: 11 @ 498" 8 @ 498"
Brakes: Cam type 16 1/2" x 7" (314 sq. in.)

REAR AXLES: See Approved Power Train Combinations

RA 527C-W 23,000 lbs. capacity

Carrier: CRD 117
Ratios: 4.25, 4.52, 5.14, 5.57, 6.37, 6.83, 7.74
Springs: STD; OPT

RA 527C-W 23,000 lbs. capacity

Carrier: CRD 117
Ratios: 4.25, 4.52, 4.88, 5.43, 5.78, 6.36, 6.80, 7.48, 7.85, 8.83
Springs: STD; OPT
Ground load ratings: 23,000 lbs. 19,000 lbs.
Size: 53 1/2" x 3" 53 1/2" x 3"
Leaves, no. & thickness: 9 @ 558" 8 @ 558"
Brakes: Cam type 16 1/2" x 7" (440 sq. in.)
Wedge type 13" x 7" (440 sq. in.)

RA 527C 23,000 lbs. capacity

Carrier: CRD 117
Ratios: 4.25, 4.52, 4.88, 5.43, 5.78, 6.36, 6.83, 7.48, 7.85, 8.83
Springs: STD; OPT
Ground load ratings: 23,000 lbs. 19,000 lbs.
Size: 53 1/2" x 3" 53 1/2" x 3"
Leaves, no. & thickness: 9 @ 558" 8 @ 558"
Brakes: Cam type 16 1/2" x 7" (440 sq. in.)

RA 608C 29,000 lbs. capacity

Carrier: CRD 118
Ratios: 4.65, 4.98, 5.52, 5.58, 6.37, 7.21, 7.88, 8.52
Springs: STD; OPT
Ground load ratings: 29,000 lbs.
Size: 61" x 3"
Leaves, no. & thickness: 12 @ 498"
Ratchet Hold: 3 @ 447"
Brakes: Cam type 16 1/2" x 7" (440 sq. in.)

R 172 23,000 lbs. capacity

Ratios: 4.11, 4.31, 4.52, 4.87, 5.19, 5.85, 6.14, 6.83
Springs: STD; OPT
Ground load ratings: 23,000 lbs. 19,000 lbs.
Size: 53 1/2" x 3" 53 1/2" x 3"
Leaves, no. & thickness: 9 @ 558" 2 @ 498"

NOTE: RA 527C-W, RA 527C or R 172 in excess obligatory when GCW exceeds 32,000 lbs.

TRANSMISSION:
See Approved Power Train Combination

Trans. Descriptive
Trans. 774

AIR CLEANERS: Engine Application

Oil Bath: END 673C, END 707, ENDT 673, ENDT 675
Furn. Inertial: Opt. END 673C, END 707, ENDT 673, ENDT 675
Tand. Inertial: Opt. END 673C, END 707, ENDT 673, ENDT 675
Standard Cyclone: Opt. END 673, END 707, ENDT 673, ENDT 675

ELECTRICAL SYSTEM:

Alternator: 12 Volt, 85 Amp. Simple Newell
12 Volt, 65 Amp. Delco
12 Volt, 80 Amp. Delco

WHEELS AND TIRES:

Discs (7.5 rim): Alum., Hi-Tensile, or Aero-Ride
8.0 rim: Steel
Tires and rims: 10.00-22 (12) 7.5 rim
11.00-20 or 11.00-22 (12) 8.0 rim

FUEL TANKS: The following in addition to STANDARD:

40 gal. Right side, steel, round

The following in place of STANDARD:

11 gal. Left side, steel, round
11 gal. One each side, steel, round
53 gal. Left side, steel, round
73 gal. Left side, steel, round

OPTIONAL CHASSIS EQUIPMENT

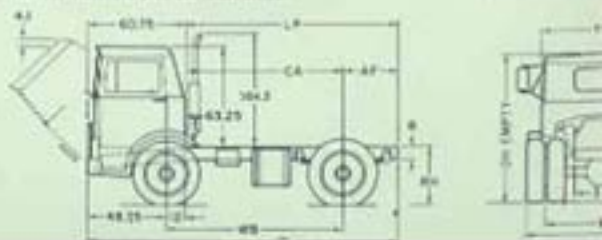
Air cleaner mounted back of cab
Air reservoir, insulated for spring
Automatic drain valve
Breakaway safety valve
Cab front corner protection
Differential, Wash pump, 40"
Driver's seat — Bedford, King
Vision active
Frame extension, Excess, Jump
Star (see chassis)
Front wheel brake leading valve
Hand control valve
Hand throttle control — Gas
Helper springs, rear
Hubs/Drum
Hydraulic jack, 8 or 12 ton
MACK Building mirrors
Power steering, hydraulic — max
Tow eyes, beam mounted, front
Trailer cam, tow-trailer
Vertical exhaust

APPROVED POWER TRAIN COMBINATIONS

ENGINE	RADIATOR SQ. IN.	CLUTCH	TRANSMISSION	DRIVESHAFT SER. (MAY)
END 673C	700	CL 69 CL 77	RT 608	1710
		CL 69 CL 77 CL 75 CL 78	TRD 722 TRD 722B TRT 722 RT 913	1710 1810 1710 1810
END 707 ENDT 673	700	CL 69 CL 77 CL 75 CL 78	TRD 722 TRD 722B TRT 722 *TRT 722B RT 913	1710 1710 1710 1710 1710
		CL 69 CL 75 CL 77 CL 78	TRL 1076 TRL 1076	1810 1810

*END 707 with TRT 722B Trans. and 1010 Driveshaft Series.
ENDT 673 with TRT 722B Trans. and 1710 Driveshaft Series.

(Driveshaft Series 1010)



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MODEL MB-605T

- MACK THERMODYNE DIESEL
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	110" (LF 131", CA 98")
ENGINE, Diesel	
Model	6ND 673C
Make	Mack, Thermodyne
Type	Naturally aspirated
Number of cylinders	6
Bore and stroke	4.75" x 6"
Piston displacement, cu. in.	672
Brake horsepower at 2100 rpm	187
Max. torque @ 1400 rpm	527 lb. ft.
Lube oil filter (12 qts.)	Comb. Full-flow/By-pass
Air cleaner	Oil bath type
Radiator, frontal area, sq. in.	560
Water capacity, system	44 qts.
Thermostat, to open	170°
Fuel pump (PSI)	Single plunger
FUEL TANK:	
Fuel tank	40 gal., left side, steel, rd.
ELECTRICAL SYSTEM:	
Generator	12 Volt, 55 Amp.
Starting system	12 volt
Batteries	(4) 6 Volt
Plates per cell	23
Amp. hr. @ 20 hr. rate	160
Group number	4H
CLUTCH:	
Model (MACK)	CL 28
Type	Single-plate, dry, 14 1/2" O.D.
Area of engagement, sq. in.	253
TRANSMISSION:	
Model (MACK)	TRD 67
Type	Ten-speed, direct, Duplex
DRIVESHAFT:	
Make and size	Spicer, 1650, 3 1/2" OD

FOUR-WHEEL DIESEL COE TRACTOR

FRONT AXLE:	
Model (MACK)	FA 514
REAR AXLE:	
Model (MACK)	RAS 508
Carrier	CRS 84, single-reduction
Ratios	4.25, 4.63, 5.14, 5.57, 6.17, 6.83
EAS 300 limited to 50,000 lbs. GCW	
SPRINGS, Semi-Elliptic	
	Front Rear
Size	46" x 3" 53 1/4" x 3"
Leaves, no. & thickness	5 @ 0.360" 9 @ 0.558" 6 @ 0.320"
BRAKES:	
Type (includes Tu-Flo 500 compressor)	Air
Front	16 1/2" x 4" x 3/4", 276 sq. in.
Rear	16 1/2" x 6" x 5/8", 414 sq. in.
Parking	Band type, 12" x 5"
Air compressor	Tu-Flo 500 (12 cu. ft.)
Air reservoir capacity	2235 cu. in.
WHEELS & TIRES:	
Wheels	Cast, spoke
Tires	10.00-20 (12P), 7.5 Rims
STEERING GEAR:	
Model	SG 26
Steering wheel dia.	20"
Ratio	28.4:1
FRAME:	
Size	8" x 3" x 1/4" (90,000 psi)
Material	Chrome-manganese steel, heat-treated
Section Modulus	7.83 per rail
Resisting bending moment	704, 700 in. lbs., per rail
CAB:	
Model (MACK)	CA 43
Type (60% NBC)	Cab over engine, two man
Painting	Mack green, red or prime
CHASSIS WEIGHT, STANDARD (LBS.):	
Front 6,995; Rear 2,975; Total 9,970	

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic front coast brakes
Bumper, flush type
Cab heater, 20,000 Btu
Cab steps, each side, safety tread
Headlights and parking lights
Horn, electric, single tone
I.C.C. & Marker lights

Low air pressure indicator, buzzer
Rear view mirror, two, West Coast type
(Black enamel finish)
Radiator guard
Seat belt, amber
Shock absorbers, front
Stop and tail light
Sun visor, left side

Tachometer, single hand
Turn signals, front (with 4-way flasher)
Undercoating
Underhood cabinet
Valvecover
Wheel wrench and handle
Windshield wipers, roof, air,
(2) individual wipers

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TRANSMISSIONS: (MACK)

TRD 670	10-spd., overgear, Duplex
TRD 675	10-spd., direct, Unishift
TRD 722	10-spd., direct, Duplex
TRD 7220	7-spd., overgear, Duplex
TRD 7225	10-spd., direct, Unishift
TRD 72250	9-spd., overgear, Duplex
TRT 722	15-spd., direct, Triplex
TRT 7220	13-spd., overgear, Triplex

TR 722 series transmission required when GVW exceeds 28,000 lbs.

FRONT AXLE: (MACK)

FA 532	Springs, 13 @ 0.360"
--------	----------------------

REAR AXLE: (MACK)

Model	Center	Ratio
RAD 529	CRD 117	4.25, 4.62, 4.88, 5.43, 5.78, 6.36, 6.80
RAD 5291	CRD 117	Same ratios as RAD 529
RAD 606	CRD 118	4.99, 5.52, 5.98, 6.52, 7.21, 8.52, 9.38

BRAKES:

FA 532	16 1/2" x 4" x 3/4" (276 sq. in.)
RAD 529	16 1/2" x 6" x 3/4" (414 sq. in.)
RAD 5291, RAD 606	16 1/2" x 7" x 3/4" (476 sq. in.)

WHEELS & TIRES:

Wheels (8.0 Rims)	Steel Disc
(7.5 Rims)	Hi-Tensile or Accu-Ride Disc
Tires, Size	10.00-22 (12P) 7.5 Rims
Size	11.00-20 or 11.00-22 (12P) 8.0 Rims

FRAME:

Reinforcement	1/4" Inside Channel
Section Modulus (with IC)	15.79 per rail (90,000 psi)
Resisting bending moment	1,421,000 in. lbs. per rail

ELECTRICAL SYSTEM:

Generator	12 Volt, 50 Amp, low cut-in
Alternator	12 Volt, 60 Amp. (heavy duty)

Alternator not available with power steering

FUEL TANK:

Capacity and type	40 gal., steel, round
Location	Right side

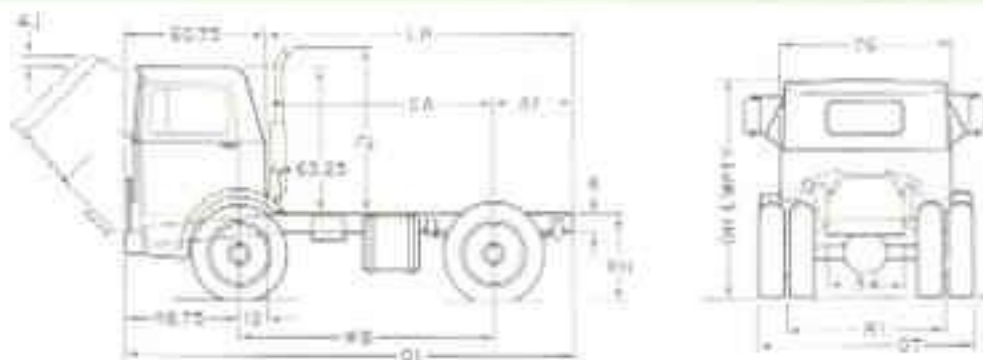
CHASSIS EQUIPMENT

Air cleaner, mounted back of cab
 Air reservoir, isolated for spring loaded brakes
 Automatic drain valve
 Breakaway safety valve
 Cab front corner protectors
 Differential, Mack Power Divider for Dual Reduction axles

Driver's seat — Recliner, Tilt (T-bar)
 — American Metal, Uniflex Action
 Engine water filter, Perry
 Front wheel brake locking valve
 Hand control valve
 Hubdomeaster
 Hydraulic jack 6- or 12-ton
 Power steering

Spring loaded parking brake
 (with or w/o oil, disc/shaft brake)
 Stop and tail light, wiper
 Tow eyes, frame mounted, front
 Trailer coupler, semi-trailer
 Turn signals, rear (dual)
 Vertical exhaust

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



WF	LF	CF	AF	OL	Spring Choke Dia. (Center edge of tire)	
					Right	Left
110	121	98	33	101.8	34 in.	34 in.

Chassis dimensions are in inches and are for control chassis unless otherwise stated.

TIRE SIZE	CF		AF	OL	ST	AT
	Frame	Body				
10.00-20	49.6	47.8	32.5	78.9	55.2	71.4
10.00-22	100.8	42.8	29.0	78.7	53.2	71.4
11.00-20	100.5	42.3	34.5	78.4	54	71.1
11.00-22	101.5	43.7	30.4	78.3	54	71.1

Frame heights are subject to variation: 17" empty, 12" loaded.

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 MACK TRUCKS WORLDWIDE LIMITED • Hamilton, Bermuda

MACK TRUCKS MANUFACTURING COMPANY OF CANADA LIMITED • Toronto, Ontario, Canada

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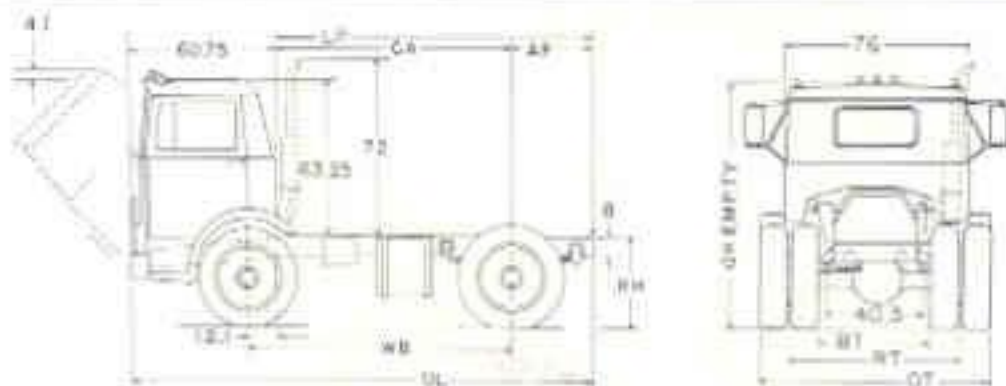


MB-605 T

**FOUR-WHEEL
DIESEL
COE TRACTOR**

New Mack tractor model MB-605T provides traditional Mack dependability and economy in the difficult fields of city-suburban delivery service and over-the-road operations. This four-wheel COE model has the stamina to haul larger payloads over a longer period with less maintenance. Excellent maneuverability, due in part to the set back front axle, is provided to meet congested city demands.

The Mack Thermodyne diesel engine END 673C, producing 187 horsepower, assures dependable service, low maintenance and long trouble free life. A wide selection of transmissions and axles provides the flexibility to efficiently meet various hauling requirements.



WB	LF	CA	AF	UL	Turning Circle Dia. (Outer edge of tire)	
					Right	Left
110	121	18	22	191.8	35 ft.	30 ft.

Clearly dimensions are in inches and are for standard three-axle vehicles shown.

180 205	OH	RH	Front Track	Spoke Wheels		
				OH	RH	BT
10.00-20	99.8	38.0	78.9	62.2	71.4	61.3
10.00-22	105.8	39.0	78.9	61.2	71.4	61.3
11.00-20	111.2	38.5	78.2	58	71.5	61.3

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

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MODEL MB-605T

ADVANCE SPECIFICATIONS

STANDARD EQUIPMENT

WHEELBASE 110" (LF 131", CA 98")

ENGINE, Diesel:

Model END 673C
 Make Mack, Thermodyno
 Type Naturally aspirated
 Number of cylinders 6
 Bore and stroke 4 $\frac{1}{8}$ " x 6"
 Piston displacement, cu. in. 672
 Brake horsepower at 2100 rpm 187
 Max. torque @ 1400 rpm 527 lb.-ft.
 Lube oil filter Comb. Full-flow/By-pass
 Air cleaner Oil bath type
 Radiator, frontal area, sq. in. 560
 Thermostat Standard
 Fuel tank 40 gal., left side, steel, rd.

ELECTRICAL SYSTEM:

Voltage and capacity 12 Volt, 55 Amp.
 Starting system 24 Volt
 Batteries (4) 6 Volt, 160 amp. hr.

CLUTCH:

Model (MACK) CL 28
 Type Single-plate, dry, 14 $\frac{1}{8}$ " O.D.
 Area of engagement, sq. in. 253

TRANSMISSION:

Model (MACK) TRD 67
 Type Ten-speed, direct

DRIVESHAFT:

Series 1650 (3 $\frac{1}{2}$ " OD)

FRONT AXLE:

Model (MACK) FA 514

REAR AXLE:

Model RAS 508
 Carrier CR5 84, single-reduction
 Ratios 4.25, 4.63, 4.88, 5.14, 5.57, 6.17, 6.83

BRAKES:

Type (includes Tu-Flo 500 compressor) Air
 Front 16 $\frac{1}{2}$ " x 4" x $\frac{3}{8}$ ", 276 sq. in.
 Rear 16 $\frac{1}{2}$ " x 6" x $\frac{3}{8}$ ", 414 sq. in.
 Parking Band type, 12" x 5"

WHEELS & TIRES:

Wheels Cast, spoke
 Tires 10.00-20 (12P), 7.5 Rims

STEERING GEAR:

Model SG 26
 Steering wheel dia. 20"

FRAME:

Size 8" x 3" x $\frac{1}{4}$ " (90,000 psi)
 Material Chrome-manganese steel, heat-treated
 Section Modulus 7.83 per rail

CAB:

Model (MACK) CA 43
 Type Cab over engine, two man
 Painting Mack green, red or prime

CHASSIS EQUIPMENT: Front shock absorbers; fresh air cab heater; defrosters; automatic radiator shutters; one combination stop-tail light; two I.C.C. lights; three marker lights; sealed-beam headlights and parking lights; automatic reset circuit breakers; front turn signals (manual cancelling); horn, electric, single-tone; West Coast type rear view mirrors, two; voltmeter; tachometer; buzzer type low air pressure indicator; sun visor, left side; windshield wipers, dual, air.

OPTIONAL EQUIPMENT

TRANSMISSIONS:

Model (MACK) TRD 670, 10-speed
 Model (MACK) TRD 722, TRD 7220, 10-speed
 (MACK) TRT 722, TRT 7220, 15-speed
 TR-72 series more required when GCM exceeds 58,300 lbs.

FRONT AXLE:

Model (MACK) FA 532

REAR AXLE:

Model (MACK) RAD 529
 Carrier CRD 117
 Ratios 4.25, 4.62, 5.43, 5.78, 6.36, 6.80

BRAKES:

Type (includes Tu-Flo 500 compressor) Air
 FA 532 16 $\frac{1}{2}$ " x 4" x $\frac{3}{8}$ " (276 sq. in.)
 RAD 529 16 $\frac{1}{2}$ " x 6" x $\frac{3}{8}$ " (414 sq. in.)
 Parking brake Spring loaded

WHEELS & TIRES:

Wheels (8.0 Rims) Steel Disc
 (7.5 Rims) Hi-Tensile or Accu-Ride Disc
 Tires, Size 10.00-22 (12P) 7.5 Rims
 Size 11.00-22 (12P) 8.0 Rims

FRAME:

Reinforcement $\frac{1}{4}$ " Inside Channel
 Section Modulus 15.79 per rail (90,000 psi)

ELECTRICAL SYSTEM:

Alternator 12 Volt, 60 Amp. (heavy-duty)

FUEL TANK:

Capacity and type 40 gal., steel, round
 Location Right side

CHASSIS EQUIPMENT: Power steering, hydraulic; semi-trailer brake & electrical connections with shut-off valve; brake-away safety valve; hand control valve for trailer brakes; vertical exhaust; automatic drain valve; front wheel brake limiting valve; rear turn signals (loose); Perry water filter; spare rim or disc wheel; 8- or 12-ton jack.





MODEL MB-605S

- MACK THERMODYNE DIESEL
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	133" (LP 198", CA 121")
ENGINE: (Diesel)	
Model (MACK)	END 673C Thermodyne
Type	Naturally aspirated, 6 cyl.
Bore and stroke	4 $\frac{1}{2}$ " x 6"
Piston displacement, cu. in.	672
Brake horsepower at 2100 rpm	187
Max. torque @ 1400 rpm	527 lb.-ft.
Lube oil filter (12 qts.)	Comb. full-flow by-pass
Air cleaner	Oil bath type
Radiator, frontal area, sq. in.	560
Water capacity system, qts.	44
Thermostat, to open	170"
Fuel pump (PSJ)	Single plunger
FUEL TANK	40 gal., left side, steel, rd.
ELECTRICAL SYSTEM:	
Generator	12 Volt, 30 Amp.
Starting system	12 Volt
Batteries	(4) 6 Volt
Plates per cell	23
Amp. hr. @ 20 hr. rate	160
Group number	4H
CLUTCH:	
Model (MACK)	CL 28
Type	Single-plate, dry, 14 $\frac{1}{2}$ " O.D.
Area of engagement, sq. in.	253
TRANSMISSION:	
Model (MACK)	TRD 67
Type	Ten-speed, direct, Duplex
DRIVESHAFT:	
Make and size	Spicer; 1700, 1650 (inter-axle); 3 $\frac{1}{2}$ " OD
FRONT AXLE:	
Model (MACK)	FA 514

SIX WHEEL MACK DIESEL COE TRUCK

BOGIE:		
Model (MACK)	SWDL 56	
Carriers (Dual Reduction)	CNDP 92 & CRD 93	
Ratios	5.73, 6.34, 7.00, 7.49, 8.24	
SPRINGS,		
Size	Front 46" x 3"	Rear 50" x 4"
Leaves, no. & thickness	5 @ 0.360"	9 @ 0.625"
BRAKES:		
Type	Air	
Front	16 $\frac{1}{2}$ " x 4" x $\frac{3}{4}$ " (276 sq. in.)	
Rear	16 $\frac{1}{2}$ " x 6" x $\frac{3}{4}$ " (828 sq. in.)	
Parking	Band type, 12" x 3" (139 sq. in.)	
Air Compressor	Tu-Flo 500 (12 cu. ft.)	
Air reservoir capacity	2960 cu. in. (approx.)	
WHEELS & TIRES		
Wheels	Cast, spoke	
Tires	10.00-20 (12P), 7.5 Rims	
STEERING GEAR:		
Model (MACK)	SG 26	
Steering wheel dia.	20"	
Ratio	28.4:1	
FRAME:		
Size	9" x 3 $\frac{3}{4}$ " x $\frac{1}{4}$ " (90,000 psi)	
Material	Chrome-manganese steel, heat-treated	
Section Modulus	9.76	
Resisting bending moment	878,400 in. lbs. per rail	
CAB:		
Model (MACK)	CA 43	
Type (60% BBC)	Cab over engine, two man	
Painting	Mack green, red or prime	
STANDARD CHASSIS WEIGHT (LBS.)		
Front 7,240; Rear 5,825; Total 13,065		

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic reset circuit breakers
Bumper, bulk type
Cab heater, 20,000 lbs.
Cab steps, each side, safety hand
Headlights and parking lights
Horn, electric, single tone
I.C.C. & Marker lights

Low air pressure indicator, buzzer
Rear view mirror, two, West Coast type
(Black enamel finish)
Radiator guard
Seat belt anchors
Shock absorbers, front
Stop-and-tell light
Sun visor, left side

Tachometer, single hand
Turn signals, fixed (with 4-way flasher)
Undercoating
Underframe exhaust
Waltmeter
Wheel wrench and handle
Windshield wipers, dual, w/ (2) individual motors

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WHEELBASES: 148", 164", 178"

TRANSMISSION: (MACK) See dimensional sheet for IP & CA

TRD 670 9-spd., overgear, Duplex
 TRTX 670 14-spd., overgear, Triplex
 TRD 722 10-spd., direct, Duplex
 TRD 7220 9-spd., overgear, Duplex
 TRQ 7220 18-spd., overgear, Quadruplex

FRONT AXLE:

FA 532 (MACK) Springs, (13) .360"
 FA604 (Timken) Springs, (10) .499"
 FA 604 requires inside channel reinforcement and power steering.
 12.00-20 max. 13,000 lbs. limit.

BOGIE: (MACK) same as except for

SWDL 561 SWDL 56 7" wide brakes
 SWDL 563 SWDL 56 Timken 6" brakes
 SWDL 564 SWDL 56 Timken 7" brakes
 SWD 75 SWDL 56 Inverted Camel-back springs & Timken 6" brakes
 SWD 751 SWD 75 Timken 7" brakes
 SWD 73 SWD 75 Walking beam & spring suspension
 SWD 731 SWD 75 Timken 7" brakes
 SWD 57 Heavy-duty axles and suspension;
 Mack 6" brakes
 SWD 5701 SWD 57 7" wide brakes
 SWD 573 SWD 57 Cast steel axle housing
 SWD 5731 SWD 57 7" wide brakes
 SWD 574 SWD 57 Timken 6" brakes
 SWD 5741 SWD 57 Timken 7" brakes
 SWD 575 SWD 57 Timken 6" brakes
 SWD 5751 SWD 57 Timken 7" brakes

SUSPENSION: SWD 75: 8 leaves @ 0.625"
 SWD 73: 3 leaves (1) .788", (2) .625" and walking-beam
 SWD 37: 10 leaves @ 0.788", 35" spacing, 11 @ 0.788"

Carriers and rollers same as standard
 Power Divider lock-out (Manual, air valve control)

- Air cleaner mounted back of cab
- Air reservoir, isolated for spring-loaded brakes
- Automatic drain valve
- Break away safety valve
- Bogie spacing, 55" (SWD 57 series)
- Cab front corner protectors
- Driver's seat — Beamon, Viking Fibers
- American Metal, Union Action

- Engine water filter, Perry
- Front wheel brake limiting valve
- Hand control valve
- Pulsometer
- Hydraulic jack 8- or 12-ton
- Power steering (req. 13V, 55A, elec. sys.)

- Spring loaded parking brake (with or w/o std. driveshaft brake)
- Stop and tail light, w/m
- Tow eyes, frame mounted, front
- Trailer cone, full trailer (no base)
- Tire signals, rear (base)
- Vertical exhaust

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

BRAKES: (MACK)

FA 532 16 1/2" x 4" x 3/8" (276)
 SWD 57, SWD 573 16 1/2" x 6" x 3/8" (828)
 SWDL 561, SWD 5701, SWD 5731 16 1/2" x 7" x 3/8" (952)

BRAKES: (Timken, Stopmaster)

FA 604 15" x 4" x 1/2" (247)
 SWDL 563, SWD 75, SWD 73, SWD 574, 575 15" x 6" x 1/2" (754)
 SWDL 564, SWD 751, 731, SWD 5741, 5751 15" x 7" x 1/2" (880)

Timken, Stopmaster brakes include automatic brake adjustment. Fail safe emergency brake, omit standard driveshaft brake.

WHEELS & TIRES:

Wheels (8.0 Rims) Steel Disc
 (7.5 Rims) Hi-Tensile or Accu-Ride Disc
 Tires, Size 10.00-22 (12P) 7.5 Rims
 Size 11.00-20 or 11.00-22 (12P) 8.0 Rims
 Size 12.00-20 (14P) 8.0 Rims

Available option: 12.00-20 rear, 10.00-20 rear.
 10.00-22 max. tires on SWDL 56, SWD 75, SWD 73 series.
 11.00-22 tires available only on SWD 57 series with 55" bogie spacing.

FRAME:

Reinforcement (90,000 psi) 1/4" Inside Channel
 Section Modulus (with I.C.) 17.72 per rail
 Resisting bending moment 1,594,800 in lbs. per rail

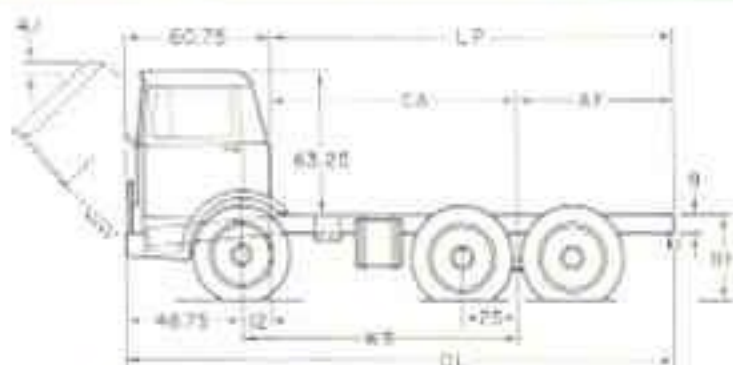
ELECTRICAL SYSTEM:

Generator 12 Volt, 55 Amp
 Alternator 12 Volt, 50 Amp (low-cut in)
 Alternator 12 Volt, 60 Amp. (heavy duty)
 Alternator not available with Power Steering.

FUEL TANK:

Capacity and location 40 gal., right side, steel, round

CHASSIS EQUIPMENT



WB	LP	CA	AP	OL	Tireing Circle Dia. (Outer edge of tire)	
					Right	Left
133	118	121.0	77.7	218.8	48 in.	48 in.
148	77.7	136.0	85.0	283.8	52 in.	52 in.
164	148	172.0	94.0	338.8	55 in.	55 in.
178	275	166.0	104.0	338.8	58 in.	58 in.

Tire Size	GV	BW				GV	BT
		Empty		Loaded			
		Approx.	SWDL 56	SWD 57	SWDL 56		
10.00-20	99.5	40.4	41.8	37.8	36.2	78.9	79.3
11.00-20	100.4	41.4	42.7	38.8	40.7	79.9	80.2
11.00-22	100	40.0	42.4	37.7	39.4	78.4	77.7
11.00-22	101.8	41.0	43.4	38.2	40.0	79.2	79.4

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

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MODEL MB-609T

- MACK THERMODYNE DIESEL
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE 110" (LP 131", CA 98")

ENGINE: (Diesel)
 Model (MACK) END 711A Thermodyne
 Type Naturally aspirated
 Number of cylinders 6
 Bore and stroke 5" x 6"
 Piston displacement, cu. in. 707
 Brake horsepower at 2100 rpm 211
 Max. torque at 1400 rpm 602 lb.-ft.
 Lube oil filter (12 qts.) Comb. Full-flow/By-pass
 Lube oil cooler Standard
 Air cleaner Oil bath type
 Radiator, frontal area, sq. in. 700
 Water capacity, system 49 qts.
 Thermostat, to open 170°
 Fuel pump (PSJ) Single plunger

FUEL TANK 40 gal., left side, steel, rd.

ELECTRICAL SYSTEM:

Generator 12 Volt, 55 Amp.
 Starting system 12 volt
 Batteries (4) 6 Volt
 Plates per cell 23
 Amp. hr. @ 20 hr. rate 160
 Group number 4H

CLUTCH:

Model (MACK) CL 28
 Type Single-plate, dry, 14 1/8" O.D.
 Area of engagement, sq. in. 253

TRANSMISSION:

Model (MACK) TRD 722
 Type Ten-speed, direct, Duplex

DRIVESHAFT:

Make and size Spicer 1700, 3 1/2" OD

Automatic radiator shutters
 Automatic reset circuit breakers
 Bumper, flush type
 Cab heater, 20,000 btu
 Cab steps, each side, safety tread
 Headlights and parking lights
 Horn, electric, single tone
 L.C.C. and Marker lights

CHASSIS EQUIPMENT
 Low air pressure indicator, buzzer
 Rear view mirror, two, West Coast type
 (black enamel finish)
 Radiator guard
 Seat belt anchors
 Shock absorbers, front
 Stop and tail light
 Sub visor, left side

Tachometer, single hand
 Turn signals, front (with 4-way flasher)
 Undercoating
 Underframe exhaust
 Voltmeter
 Wheel wrench and handle
 Windshield wipers, dual, air,
 (2) individual motors

FOUR-WHEEL MACK DIESEL COE TRACTOR

FRONT AXLE:
 Model (MACK) FA 514

REAR AXLE:
 Model (MACK) RAD 529
 Carrier CRD 117, Dual Reduction
 Ratios 4.00, 4.25, 4.62, 4.88, 5.43,
 5.78, 6.36, 6.80

SPRINGS, Semi-Elliptic
 Size Front 46" x 3" Rear 53 3/4" x 3"
 Leaves, no. & thickness 5 @ 0.360" 6 @ 0.558"
 6 @ 0.323" 2 @ 0.499"

BRAKES:
 Type (includes Tu-Flo 500 compressor) Air
 Front 16 1/2" x 4" x 3/4", 276 sq. in.
 Rear 16 1/2" x 6" x 3/4", 414 sq. in.
 Parking Band type, 12" x 5"
 Air compressor Tu-Flo 500 (12 cu. ft.)
 Air reservoir capacity 2235 cu. in.

WHEELS & TIRES:

Wheels Cast, spoke
 Tires 10.00-20 (12PI), 7.5 Rims

STEERING GEAR:

Model SG 26
 Steering wheel dia. 20"
 Ratio 28.4:1

FRAME:

Size 8" x 3" x 1/4" (90,000 psi)
 Material Chromo-manganese steel, heat-treated
 Section Modulus 7.83 per rail
 Resisting bending moment 704, 700 in. lbs., per rail

CAB:

Model (MACK) CA 43
 Type (60 3/4" BBC) Cab over engine, two man
 Painting Mack green, red or prime

CHASSIS WEIGHT, STANDARD (LBS.):

Front 7,220, Rear 3,095; Total 10,315

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MODEL MB-609S

- MACK THERMODYNE DIESEL
- LOW, COMFORTABLE CAB
- SHORT COE DESIGN
- WIDE VARIETY OF OPTIONS
- MACK QUALITY BUILT COMPONENTS

STANDARD EQUIPMENT

WHEELBASE	133" (LP 198", CA 121")
ENGINE: (Diesel)	
Model (MACK)	END 711A Thermodyne
Type	Naturally aspirated, 6 cyl.
Bore and stroke	5" x 6"
Piston displacement, cu. in.	707
Brake horsepower at 2100 rpm	211
Max. torque @ 1350 rpm	602 lb.-ft.
Lube oil filter (12 qts.)	Comb. full-flow by-pass
Air cleaner	Oil bath type
Radiator, frontal area, sq. in.	700
Water capacity system, qts.	49
Thermostat, to open	170°
Fuel pump (PSJ)	Single plunger
FUEL TANK	40 gal., left side, steel, round
ELECTRICAL SYSTEM:	
Generator	12 Volt, 30 Amp.
Starting system	12 Volt
Batteries	(4) 6 Volt
Plates per cell	23
Amp hr. @ 20 hr. rate	160
Group number	4H
CLUTCH:	
Model (MACK)	Cl 28
Type	Single-plate, dry, 14½" O.D.
Area of engagement, sq. in.	253
TRANSMISSION:	
Model (MACK)	TRD 722
Type	Ten-speed, direct, Duplex
DRIVESHAFT:	
Make and size	Spicer; 1700, 1650 (inter-axle); 3½" OD
FRONT AXLE:	
Model (MACK)	FA 514

SIX WHEEL MACK DIESEL COE TRUCK

BOGIE:	
Model (MACK)	SWDL 36
Carriers (Dual Reduction)	CRDP 92 & CRD 93
Ratios	4.17, 4.50, 4.76, 5.13, 5.73, 6.34, 7.00, 7.49
<i>Faster ratios are for optional ENGINE 711 (1950 rpm)</i>	
SPRINGS:	
	<i>Front</i> <i>Rear</i>
Size	46" x 3" 50" x 4"
Leaves, no. & thickness	5 @ 0.360" 9 @ 0.625"
	6 @ 0.323"
BRAKES:	
Type	Air
Front	16½" x 4" x ¾" (276 sq. in.)
Rear	16½" x 6" x ¾" (828 sq. in.)
Parking	Band type, 12" x 5" (139 sq. in.)
Air Compressor	Tu-Flo 500 (12 cu. ft.)
Air reservoir capacity	2960 cu. in. (approx.)
WHEELS & TIRES	
Wheels	Cast, spoke
Tires	10.00-20 (12PS), 7.5 Rims
STEERING GEAR:	
Model (MACK)	5G 26
Steering wheel dia.	20"
Ratio	28.4:1
FRAME:	
Size	9" x 3¼" x ¾" (90,000 psi)
Material	Chrome-manganese steel, heat-treated
Section Modulus	9.76
Resisting bending moment	878,400 in. lbs. per rail
CAB:	
Model (MACK)	CA 43
Type (60½" BBC)	Cab over engine, two man
Painting	Mack green, red or prime
STANDARD CHASSIS WEIGHT (LBS.):	
Front 7,460; Rear 5,880; Total 13,340	

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic reset circuit breakers
Bumper, flush type
Cab heater, 30,000 Btu
Cab steps, each side, safety tread
Headlights and parking lights
Horn, electric, single tone
I.C.C. & Marker lights

Low air pressure indicator, buzzer
Rear view mirror, two, West Coast type
(Black anemal finish)
Radiator guard
Seat belt anchors
Shock absorbers, front
Stop and tail light
Sun visor, left side

Telemeter, single hand
Turn signals, front (with 4-way flasher)
Undercoating
Underframe exhaust
Voltage
Wheel wrench and handle
Windshield wipers, dual, air
(2) individual motors

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OPTIONAL EQUIPMENT

MODEL MB-6095

WHEELBASES 148", 164", 178"

ENGINE (MACK, Diesel):
 Model (Thermodyne) ENDD 711
 Horsepower @ 1930 rpm (gov.) 195
 Max. torque @ 1350 rpm 602 lb. ft.
Note: Take oil cooler is optional.

CLUTCH:
 Model (MACK) CL 50 (with clutch brake)
 Type Two-plate, dry, 14" O.D.
 Area of engagement, sq. in. 416

TRANSMISSION: (MACK)
 TRQ 7220 18-spd., overgear, Quadruplex

FRONT AXLE:
 FA 532 (MACK) Springs, (13) .360"
 FA604 (Timken) Springs, (10) .499"
*FA 604 requires inside channel reinforcement and power steering.
 12.00-20 tires, 18,000 lbs. limit.*

BOGIE: (MACK) same as except for
 SWDL 561 SWDL 56 7" wide brakes
 SWDL 563 SWDL 56 Timken 6" brakes
 SWDL 564 SWDL 56 Timken 7" brakes
 SWD 75 SWDL 56 Inverted Camel-back
 springs & Timken 6" brakes
 SWD 751 SWD 75 Timken 7" brakes
 SWD 73 SWD 73 Working beam & spring
 suspension
 SWD 731 SWD 73 Timken 7" brakes
SWD 57 Heavy-duty axles and suspension:

Mack 6" brakes
 SWD 5701 SWD 57 7" wide brakes
 SWD 573 SWD 57 Cast steel axle housing
 SWD 5731 SWD 57 7" wide brakes
 SWD 574 SWD 57 Timken 6" brakes
 SWD 5741 SWD 57 Timken 7" brakes
 SWD 575 SWD 57 Timken 6" brakes
 SWD 5751 SWD 57 Timken 7" brakes

Carriers and rollers same as standard
 Power Divider Lock-out Manual, air valve control

BRAKES: (MACK)

FA 532 16 1/2" x 4" x 3/4" (276)
 SWD 57, SWD 573 16 1/2" x 6" x 3/4" (828)
 SWDL 561, SWD 5701,
 SWD 5731 16 1/2" x 7" x 3/4" (952)

BRAKES: (Timken, Stopmaster)

FA 604 15" x 4" x 3/4" (247)
 SWDL 563, SWD 75,
 SWD 73, SWD 574, 575 15" x 6" x 3/4" (754)
 SWDL 564, SWD 751, 731,
 SWD 5741, 5751 15" x 7" x 3/4" (880)

Timken, Stopmaster brakes include automatic brake adjustment.
 Fail-Safe emergency brake, anti standard driveshaft brake.

WHEELS & TIRES:

Wheels (8.0 Rims) Steel Disc
 (7.5 Rims) Hi-Tensile or Accu-Ride Disc
 Tires, Size 10.00-22 (12P) 7.5 Rims
 Size 11.00-20 or 11.00-22 (12P) 8.0 Rims
 Size 12.00-20 (14P) 8.0 Rims

Available options: 12.00-20 front, 10.00-20 rear.
 10.00-22 max. tires on SWDL 56, SWD 75, SWD 73 series.
 11.00-22 tires available only on SWD 57 series with 55" bogie spacing.

FRAME:

Reinforcement (90,000 psi) 1/4" Inside Channel
 Section Modulus (with I.C.) 17.72 per rail
 Resisting bending moment 1,594,800 in. lbs. per rail

ELECTRICAL SYSTEM:

Generator 12 Volt, 55 Amp
 Generator 12 Volt, 50 Amp (low-cut in)
 Alternator 12 Volt, 60 Amp. (heavy duty)
 Alternator not available with Power Steering.

FUEL TANK:

Capacity and location 40 gal., right side, steel, round

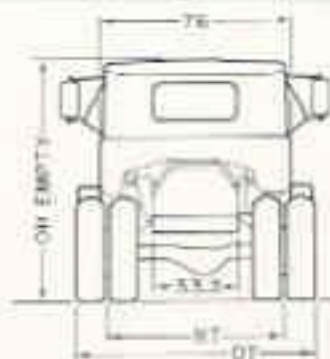
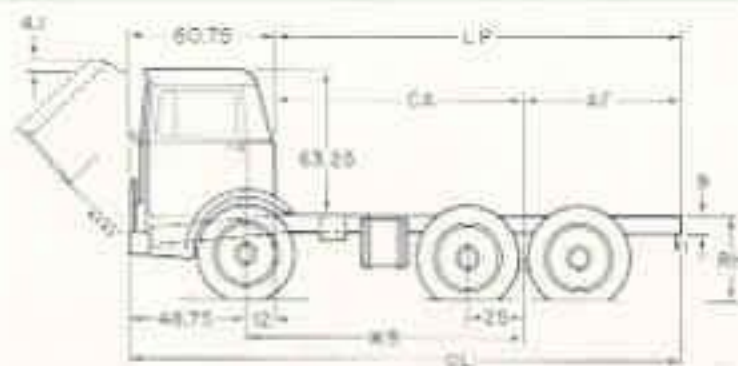
CHASSIS EQUIPMENT

Air cleaner mounted back of cab
 Air reservoir, isolated for spring loaded brakes
 Automatic drain valve
 Break-away safety valve
 Bogie spacing, 55" (SWD 57 series)
 Cab front corner protectors
 Driver's seat — Sashco, Viking T-bar;
 Ammann Model, Uniseat Action

Engine water filter, Perry
 Front wheel brake limiting valve
 Hand control valve
 Hubdammer
 Hydraulic jack 8" or 12 ton
 Power steering (req. 12V, 55A, elec. sys.)

Spring loaded parking brake
 (with or w/o std. driveshaft brake)
 Stop and tail light, extra
 Tow eyes, frame mounted, front
 Trailer winch, full trailer (no hook)
 Turn signals, rear (less)
 Vertical exhaust

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



WB	LP	CA	AF	CL	Spring Circle Dia. (Outer edge of tire)	
					Right	Left
148	198	121.0	77.0	320.0	48 in.	48 in.
148	222	126.0	86.0	282.0	52 in.	52 in.
164	246	132.0	94.0	300.0	57 in.	57 in.
178	270	144.0	104.0	330.0	58 in.	58 in.

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

Tire Size	On Approx.	In				Front Tread	CL	BT
		Empty		Loaded				
		SWD 56	SWD 57	SWD 56	SWD 57			
10.00-20	89.5	40.8	41.8	37.8	38.2	78.8	95.8	77.0
10.00-22	102.4	41.8	42.7	38.8	40.1	78.9	93.2	71.0
11.00-20	100	40.0	43.4	37.0	37.6	79.4	97.4	72.5
11.00-22	100.9	41.0	43.8	38.2	40.8	79.0	97.8	72.5

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

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