



M-15SXC

a 95,000# off-highway truck



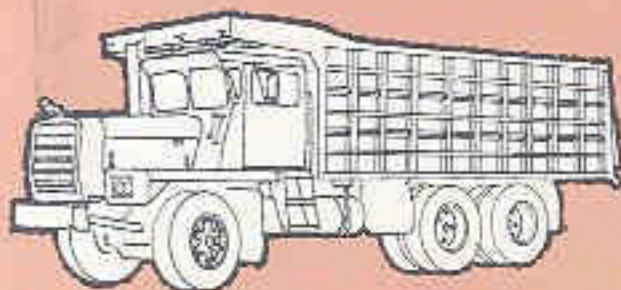
Mack Model M15SXC is a 95,000# GVW diesel powered tandem drive truck which is ideally suited to Off-Highway coal hauling, logging operations, or large pits for drill rigs and large water or fuel tanks. Standard engine is the Mack ENDT075 Maxidyne which provides a substantially constant horsepower output throughout the operating speed range. The higher powered ENDT865 is optional.

The standard rugged Mack TRXL107 Maxitorque transmission is designed to

take full advantage of the torque and horsepower characteristics of the Maxidyne engines, requiring far less shifting on any operation.

The service-proven Mack SWW69W bogie employs the unique Mack through drive which reduces drive line details. A Mack power divider automatically apportions the drive in favor of the axle with the better traction.

Cab and front end sheet metal have unitized mounting at four points in diamond shape on rubber cushions for excellent riding characteristics.



Spacious two-man cab showing driver proven 3-way adjustable seat, human engineered controls and instruments, wide view visibility taking full advantage of cab forward position.

One of the more frequent applications for the M15SXC is Off-Highway coal hauling.



MACK TRUCKS, INC.
ONE OF THE SIGNAL COMPANIES

ALLENTOWN, PENNSYLVANIA.
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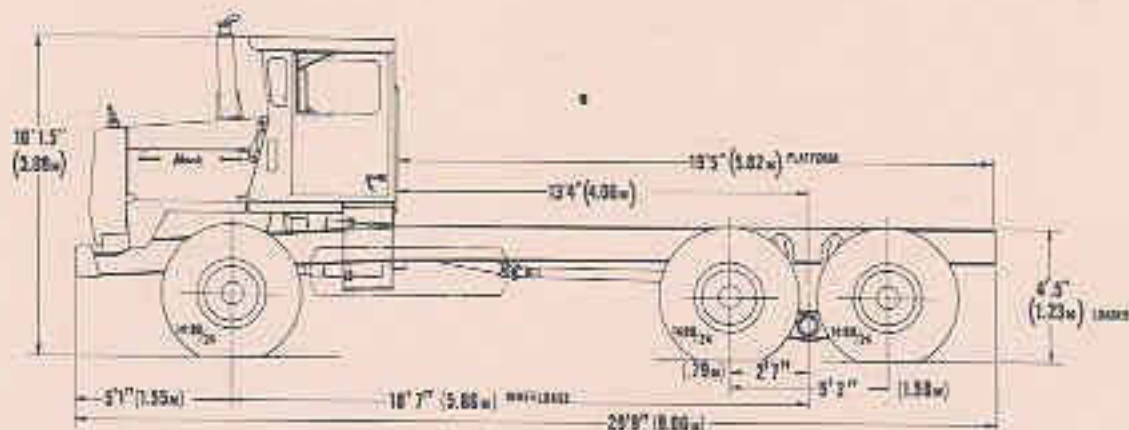
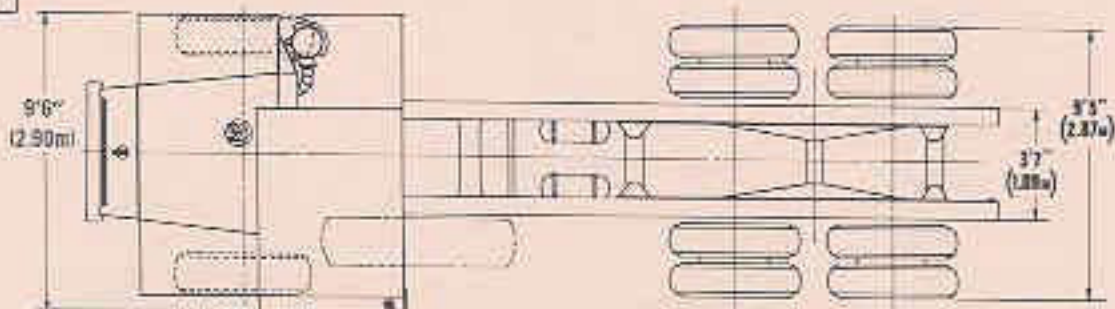
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M-15SXC chassis diagram

CURB CLEARANCE CIRCLE (Estimated)

Measured to outside edge of tire.

Left Turn	Right Turn
85 ft. (16.92M)	86 ft. (16.92M)



Estimated Standard Chassis Weight: Front 13,400 lbs. (6,060 KG), Rear 15,400 lbs. (6,980 KG), Total 28,800 lbs. (13,040 KG)

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

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MODEL M-155XC

STANDARD EQUIPMENT

WHEELBASE: 223" **PLATFORM:** 233"

ENGINE, (Diesel):

Model	ENDT 675
Make	Mack, Maxidyne
Type	Turbo-charged
Number of cylinders	Six
Bore and stroke	4 1/4" x 6"
Piston displacement, cu. in.	672
Brake horsepower @ 2100 r.p.m. (gov.)	235
Max. torque @ 1200 r.p.m.	906
Pound-feet	
Lube oil filter	Dual spin-on
Capacity	4 quarts
Fuel injection pump, make	Robert Bosch
Type	Multiple unit
Tuning	Synchro-vance
Governor	Robert Bosch, mechanical
Air cleaner	Dowdstone, dry type
Filter efficiency indicator	
Fuel tank & location	100 gal. L. H. rail (with magnetic gauge)
Fuel filters	Spin-on

CLUTCH:

Model	CL-75
Type	Two-plate, dry, angle-spring
Outside dia. facing	14

COOLING SYSTEM:

Radiator, type	Continuous-finned, flat tube
Frontal area, sq. in.	1010
Thermostat, to open	170°
Water conditioner	Spin-on

ELECTRICAL SYSTEM: (With Mack Engine)

Voltage and capacity	12 Volt, 75 Amp. (12 V. Starting)
Alternator, make	Lucas-Neville
Starting motor, make	Delco-Remy
Battery	(7) 12 Volt
Plates per cell	27
Amp. hr. @ 20 hr. rate	205
Location	Under seat, right side

TRANSMISSION: (Mack)

Model	TRN1-107 Maxitorque
Type	Six-speed overgear, two-lever, direct
Power take-off openings	Right side, 6-bolt Left side, SAE 8-bolt

RATIOS

Shift	High Range	Low Range	Rev.
5th	1.00		4.27
4th	1.66		7.07
3rd	2.84		12.11
2nd	4.99		21.52
1st	8.59	14.10	50.66

FRONT AXLE: (Mack)

Model	FA 704C
Type	Reversed Elliott, drop-forged I-beam

BOGIE: (Mack)

Model	SWW 69W
Type of drive	Dual Reduction
Housing, construction	Cast, heat-treated alloy steel, one-piece hanger with welded-on spindle
Carriers	CRDP 95 — CRD 95
Ratio	10.11

BRAKES:

Front	Stopmaster
Actuation	Air over hydraulic
Size	16 1/2" x 5" x 3/4" (314)
Rear	Stopmaster
Actuation	Air
Size	20 1/2" x 7" x 3/4" (1128)
Brake adjustment	Automatic
Hand, size	12" x 5" x 3/4" (159) Bendix internal shoe
Compressor	Ta Flo 500 (12 cu. ft.)
Reservoir capacity	3280 cu. in. (total)
Chambers, rear	Spring type
Treddie valve	Dual type

FRAME:

Type	I-beam, wide flange, rolled section
Material	Alloy steel
Size	15 1/4" x 6" x 3/4" 3/4" flange
Section modulus	88 per rail
No. of cross-members	Five, including integral front bumper

SPRINGS:

Front	
Type	Semi-elliptic, Vari-rate
Length (bet. load centers)	46" at rated load
Width	4"
Shoet poened	Tension side all leaves
Suspension	Cam face slipper ends
Rear	
Type	Walking beam
Length (bet. load centers)	62"
Suspension	Rubber insulator

TIRES, (Tube Type):

	Front	Rear
Size	14.00-24 (20PR)	14.00-24 (20PR)
Rim	10.00	10.00
Type, Tread	Rib	Lug

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