

The low-profile **TerraPro Elite** was created specifically for the severe service refuse industry, however, it is also popular in other applications such as concrete pumper, mixer/dumper and other construction equipment. Its short bumper back-to-back of cab dimension and set-back front axle permit effective weight distribution for on and off-road hauling. The steel cab is fully galvanized. The fiberglass doors and huge glass areas contribute to easy entry/exit and panoramic visibility. The TerraPro Elite is literally designed around the task.

- **Low COE 4-Wheel Truck**
- **Maneuverability**
- **Panoramic View**
- **Tight Wheel Cuts**

Engine: MACK MP8-345C
345 HP [257 kW] Peak Horsepower

Transmission: MACK TM308 8-Speed

Front Axle: MACK FXL12 12,000 lb. [5 443 kg] Capacity

Rear Axle: MACK RA23R 23,000 lb. Capacity
Suspension: Mack Multileaf 23,000 lb. Rated



MACK

TerraPro 4x2

Standard Specifications Export

ENGINE: MACK MP8-345C

Peak Horsepower - 345HP at 1400 - 1800 RPM
Horsepower - 308 HP at 1950 Gov. RPM
Max. Torque - 1360 lb/ft at 1200 RPM
V-MAC IV - Total Vehicle Electronics
Air Compressor - Meritor/WABCO 636 (37.4 cfm)
Air Cleaner, 17"x23" Oblong Style Plastic Donaldson
Alternator, Leece Neville 12V 200A
Batteries, (3) Mack 12V M/F Group - 650 CCA
Total 1950 CCA Threaded Stud Type Terminals
Coolant Protection - Texaco Long Life Engine Coolant
Auxiliary Cooler - 4 Fan, Left Side BOC
Engine Brake - Mack Powerleash
Silicone Engine Hoses and Tubing
Single Vertical Exhaust w/Curved Stack
Poly-V Fan Belt w/Automatic Tensioner
Fan Drive, Electronically Modulated Type
Flywheel Housing, Aluminum
Fuel Water Separator
Turbocharger Heat Shield
Silicone Radiator & Heater Hoses
Starter, 12V Gear Reduction
Electronic Starter Interlock

CLUTCH: EATON/FULLER, CL7981

15.5" Two-Plate w/Dampened Ceramic Coax
9-Spring 6-Paddle Driven Disc & 2" Diameter Spline

TRANSMISSION: MACK TM308

8-Speed, Ratios: 17.77 Low - 0.71 High
PTO Side Gears (LH and RH)
Driveline: Meritor 17N HD w/Coated Splines

CAB: CA531 LOW PROFILE COE

Air Restriction Monitor, Graduated Lock Up Type
Air Cleaner Intake Mounted
Ash Tray w/Hinged Cover
Cab Mounting, Four Point Fixed Type
Cab Tilt, Pump Mounted on RH Fender Bracket
Cigar Lighter
Coat Hook, (1)
Doors, Fiberglass
Sliding Type Side Windows
Screened Vent in LH Door
Peep Window in RH Door
Engine Shutoff - Key Type Control
Front Fenders, Polyurethane
Floor Mat, Rubber w/Closed Cell Vinyl Nitrile Backing
Metric Gauges
Dual Air Pressure Gauge
Voltmeter
Engine Coolant Temperature Gauge
Engine Oil Pressure Gauge
Fuel Level Gauge
Speedometer w/Trip Odometer
Tachometer w/Hourmeter



STANDARD SPECIFICATIONS

(Continued)

CAB: CA531 LOW PROFILE COE (Continued)

Safety Tinted Windshield Side and Rear Windows
 Grab Handles, Aluminum RH & LH Behind Door
 Heater w/Integral Defroster
 Horn, (1) Twin Trumpet Mounted Under Cab
 Single Tone Electronic
 Identification and Clearance Lights - 7
 TMC Recommended Instrument Panel
 Standard ISO Symbols
 Keys, 2 - Keyed at Random
 Low Air Pressure Indicator Light and Buzzer
 Exterior Mirrors, RH & LH Bright Finish Mack
 Bulldog w/Stainless Steel Arms and Brackets
 Mud Flaps 12" Front Fender Mounted
 Parking Brake Control w/Warning Light
 Radio Accommodation Package
 Includes: Antenna, Power Supply and 2 Speakers
 CB - 5 way Binding Post
 Rear Window, Fixed
 Seating:
 Driver - Bostrom Talladega 905 Mid-Back Air
 Suspension
 Rider - Mack Fixed Mid-Back Non-Suspension
 Seat Covering, Vinyl
 Set Belts, Lap and Shoulder w/Locking Seat
 Belt Retractors "Komfort Latch" for Driver and
 Rider Seats
 Side Markers
 Key Type Starter
 Steering Column, Fixed
 Steering Wheel, Two Spoke Urethane Grip Painted
 Spokes and Bulldog Horn Cap
 Forward Overhead Storage (2)
 Sun Visor, Interior Both Sides
 Turn Signal Switch, Manual Cancelling
 Windshield Washers, Wiper Mounted with 7qt
 Reservoir
 Windshield Wipers: Electric Motor w/Intermittent
 Feature

FRAME:

Wheelbase (WB) - 169"
 Load Platform (LP) - 249"
 Cab to Axle (CA) - 166"
 Axle to End of Frame (AF) - 83"
 Frame Rails - Steel
 Cross Section - 13.25 x 3.25" x .3125"
 Section Modulus, 19.79 in³
 RBM (per rail) - 2,374,800 lb. in.
 Bumper: Extended Swept Back Steel Channel Type
 Bumper to Back of Cab (BBC) - 63"
 Crossmembers: 1/2" Plate Type Bolted Back of Cab
 Intermediate 1/8" Below Top of Rail
 Front Tow Pin
 Inside Channel Reinforcement

FUEL TANKS:

Capacity/Location: 70 Gallon RH
 Steel, 24" Diameter

FRONT AXLE: MACK FXL12

12,000 lb. Capacity
 Tires: 11R22.5 Singles
 Wheel Equipment: (2) 22.5 x 8.25 Steel Disc
 10-Hole Hub Piloted
 Brakes: Meritor "S" Cam 16.5"x 5" Q-Plus w/o Dust Shields
 Brake Drums Cast Outboard Mounted
 Slack Adjusters - Automatic
 Suspension:
 Mack Multileaf 12,000 lb. Ground Load Rating
 Steering: 392S Sheppard Integral Power Steering

REAR AXLE: MACK RA23R

23,000 lb Capacity
 Carrier - Malleable CRD203
 Suspension - Mack Multileaf 23,000 lb Capacity
 Tires: 11R22.5 Duals
 Wheel Equipment: (8) 22.5 x 8.25 Steel Disc
 10-Hole Hub Piloted
 Brakes: Meritor "S" Cam 16.5"x 7" Q-Plus w/o Dust Shields
 Brake Drums Cast Outboard Mounted
 Wheel Seals - Oil
 Slack Adjusters - Automatic
 Spring Brake Chambers:
 (2) 30/30 Double Diaphragm Type
 Mechanical Spring Release

AIR/BRAKE:

Dual Air Brake System
 Dual Air Dryer w/Cooling Tank
 Air Reservoirs - Steel 3623 in³ Capacity

ELECTRICAL:

Battery Box - Molded Plastic w/Locking Tab
 Electric Circuit Protection Package
 12V w/Circuit Breakers
 Negative Ground System
 Waterproof Electrical Connections
 Body Link II
 Headlamps - (2) Single Round Halogen Lamps
 Rear Lighting - Standard Tail Lights
 Transistorized Turn Signal

PAINT:

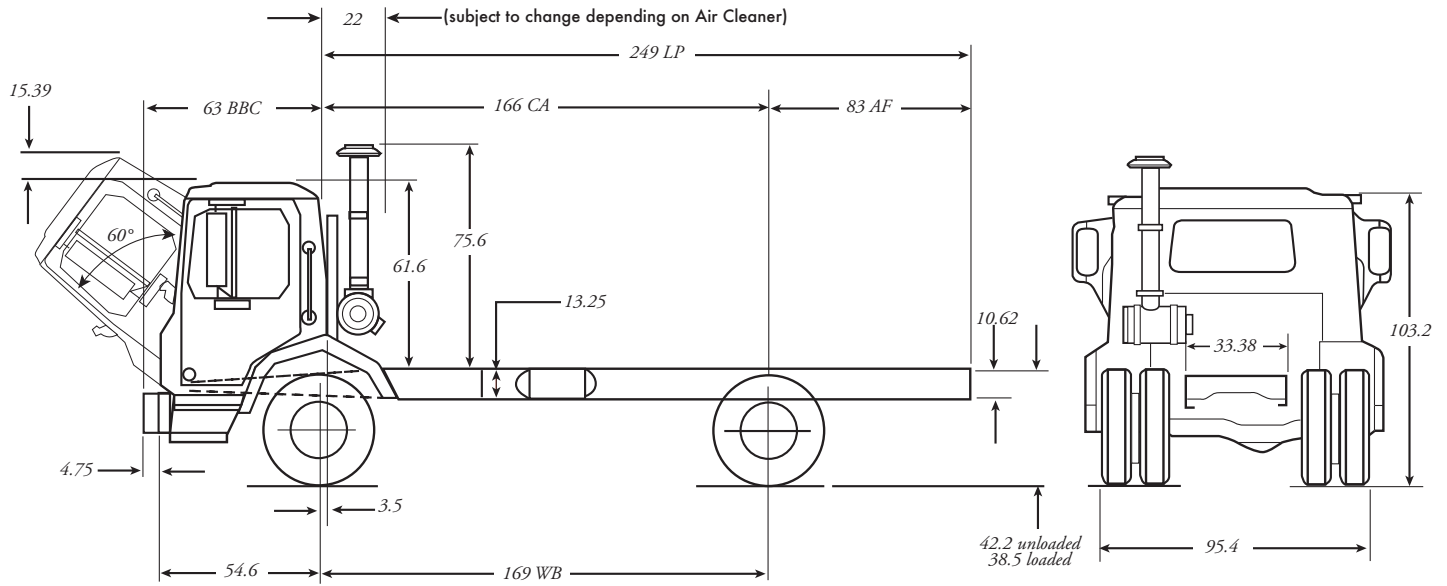
Cab, Hood and Fenders:
 Mack White (High Gloss)
 Urethane Base Coat w/o Clear Coat
 Chassis Running Gear:
 Mack Black (Urethane)

WEIGHT:

Front: 10,165
 Rear: 3,744
 TOTAL: 13,909

CHASSIS SPECIFICATIONS

(All measurements are in inches)



AVAILABLE DRIVELINE COMPONENTS

MP8—ENGINES	
MODEL	HORSEPOWER
MACK	
MP8-345C	345 HP [257 kW] @ 1400-1800 RPM 308 HP [230 kW] @ 1950
MP8-360C	360 HP [269 kW] @ 1400-1800 RPM 323HP [241 kW] @ 1950
MP8-400C	400 HP [298 kW] @ 1400-1800 RPM 358 HP [267 kW] @1950

TRANSMISSIONS		
MODEL	SPEEDS	RATIOS (LOW/HIGH)
MACK		
TM308	8	17.77/0.71
TM308M	8	17.77/0.71
TM309	9	25.21/0.71
TM309M	9	25.21/0.71
T309	9	11.40/0.71
T309(LR)	9	13.93/0.71
T310	10	13.81/0.73
T310M	10	17.35/0.73
T310ME	10	17.35/0.73
ALLISON		
4500 RDS	5	4.70/0.76
4500 RDS	6	4.70/0.67
ALLISON—FOR FIRE PUMPER SERVICE		
4000 EVS	5	3.51/0.74
4500 EVS	5	4.70/0.67
4000 EVS	6	3.51/0.64
4500 EVS	6	4.70/0.67
EATON FULLER		
RTO-14908LL	10	14.56/0.74

AXLES		
CAPACITY	MAKE	MODEL
FRONT AXLES		
12,000 lb. [5 443 kg]	MACK	FXL12
14,600 lb. [6 600 kg]	MACK	FXL14.6
18,000 lb. [8 165 kg]	MACK	FXL18
20,000 lb. [9 072 kg]	MACK	FXL20
23,000 lb. [10 433 kg]	MACK	FXL23
REAR AXLES		
23,000 lb. [10 433 kg]	MACK	RA23R
30,000 lb. [13 608 kg]	MACK	RA30

OPTIONAL EQUIPMENT

FRAME:

Optional Frames without Reinforcement

Rail Dimensions: 13.25" x 3.25" x .315" w/inside reinforcement

Section Modulus: 26.06 in³

Resistance Bending Moment (RBM) 3,127,200 lbs. in.

OTHER OPTIONAL EQUIPMENT:

Air Cleaner - 15", Single Element

Air Conditioning - Integral Combo Unit

Air Horn Options

Alternator - 12V 200A

Aluminum Air Reservoirs

Back-Up Alarm

Battery Disconnect Switch

Battery Options

Engine Block Heater Options

Engine Starting Aid

Front Fender Mounted Mud Flaps 24"

Front Frame Extension

Fuel Heater

Gauge Options:

Exhaust Pyrometer Gauge

Manifold Pressure Gauge

Metric

Transmission Oil Temperature

Hand Control Valve

Hubodometer

Incandescent Single Round Headlights

Keyed Alike Chassis

LH Fuel Tank

Lube Pump and Filter

Mirror Options

Oil Pan Heater

Overhead Storage Options

Personalized Name Plate

Power Divider Lockout

Power Take Off Options

Push Button Start

Rear Crossmember, I-Beam

Rear Lighting Options

Rear View Camera Prep Kit

Seating and Seat Covering Options

Skid Plate

Starter - Delco 12V MTDH 39

Static Load Cushions - Front Axle

Stereo Cassette/Stereo CD Radio Options

Synthetic Lubricants

Wheel Equipment: Spoke, Steel or Aluminum Disc

Wheel Lugwrench

Windshield Protect

OTHER COMPONENT OPTIONS MAY BE
AVAILABLE UPON REQUEST