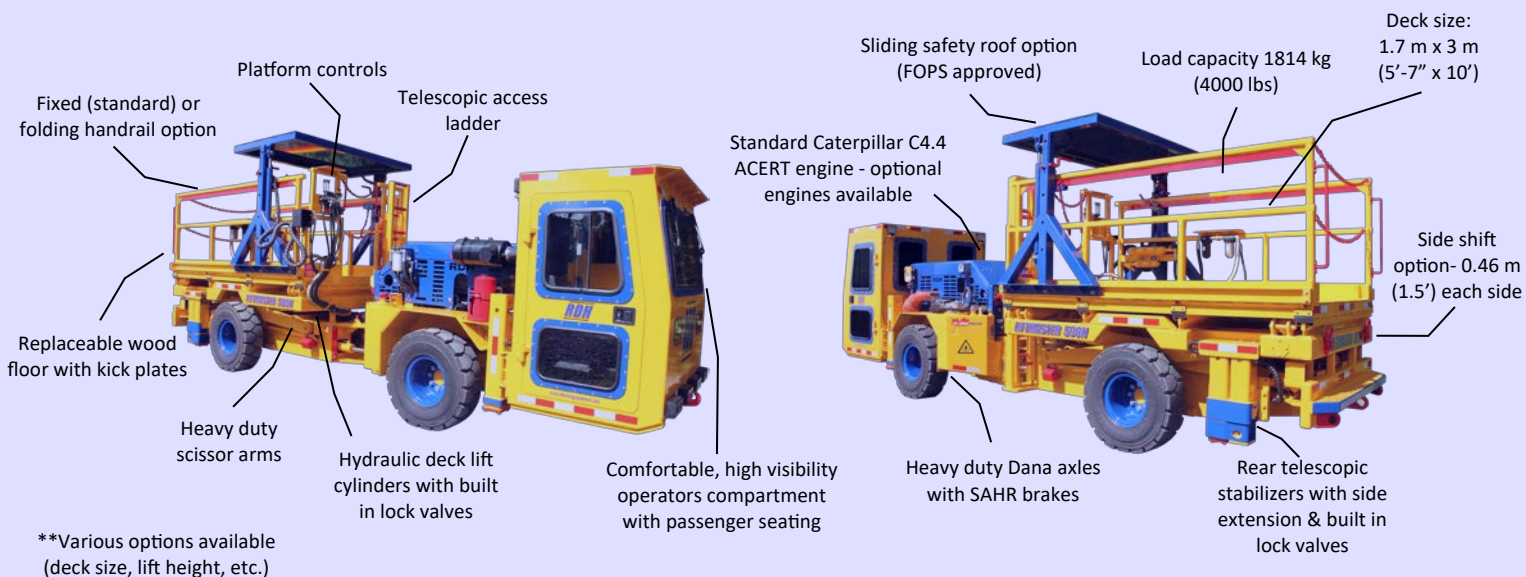


LIFTMASTER 500N is a robust, safe, fast, and reliable scissorlift vehicle designed to provide a safe elevating work platform for various types of installation and maintenance work in demanding underground applications.



The robust and reliable four-wheel drive, articulated Liftmaster 500N consists of a power-shift transmission powered by a choice of diesel engines connected to heavy-duty Dana axles. The rugged frame and articulated carrier make the Liftmaster 500N a very durable and extremely maneuverable unit even in the tightest situations. The Liftmaster 500N provides a mobile and secure working platform for the lifting of personnel and materials in underground mining and tunneling operations and is a necessity when completing maintenance and installation work like piping and ventilation.

FEATURES:

- 1814 kg (4000 lbs) lifting capacity
- 3.2 m (10'-9") extended deck height
- 1.7 m x 3 m deck (5'-7" x 10')
- Platform with dual side shift for maximum coverage and less set-up time
- Rear telescopic stabilizers with side extension ensure stability during platform deployment
- Replaceable wood lined deck with kick plates
- Two hydraulic lift cylinders with lock valves

SPECIFICATIONS:

LIFTING PLATFORM

Deck dimensions 1700 mm x 3054 mm
 (5'-7" x 10')

Max. deck height (stabilizers ext.) 3270 mm (10'- 9")

Lifting capacity 1814 kg (4000 lbs)

Hydraulic side shift deck (each side) 456 mm (18")

Loading height from ground 1345 mm (53")

Height at top of hand rails 2459 mm (97")

Replaceable wood deck 76 mm (3") thick

Fixed side rail height 1108 mm (44")

Hydraulic deck lift cylinders (2) with built in lock valves

Telescopic ladder

Scissor arm lock

Platform controls

Certification: CSA Lifting Standard C225-00 for Vehicle Mounted Aerial Devices

STABILIZERS

Stabilizers (2 front, 2 rear)

Stabilizer leg extend (front) 509 mm (20")

Stabilizer leg extend (rear) 675 mm (27")

Stabilizer spread (side extension) 2215 mm (7'-3")

MISCELLANEOUS

Central grease point – manual

Standard gauges and instrumentation

ANSUL fire suppression system - manual

Copy of Parts/Operator/Service manuals

Passenger seating

Suspension seating (operator/passenger)

ROPS/FOPS certified canopy

ENGINE

Cat® C4.4 ACERT, inline 4, 4 stroke cycle, diesel

U.S. EPA Tier 3, EU Stage III A

Power rating @ 2200 rpm 66-129 kW/88-174hp

Compression Ratio 16.5:1

Displacement 4.4 L (268.5 in³)

Exhaust: catalytic purifier with silencer

Fuel tank volume 132 L

TRANSMISSION

Dana powershift, 20000 series

4 speeds forward and reverse

4 wheel drive

AXLES

Dana 113, planetary type

Oscillation (rear axle) ± 7°

BRAKES

Service: wet disc (integrated), internal SAHR

Emergency & parking: SAHR

TIRES

Mine type, 10.00 – 20

STEERING

Hydraulic, articulated

Steering angle ± 38°

HYDRAULICS

Steering and platform

170 bar, 190 L/min/2200 rpm

Hydraulic oil tank volume 131 L

ELECTRICAL SYSTEM

24 V

Battery 2 x 12 VDC

Tramming/working LED lights 4 front / 4 rear

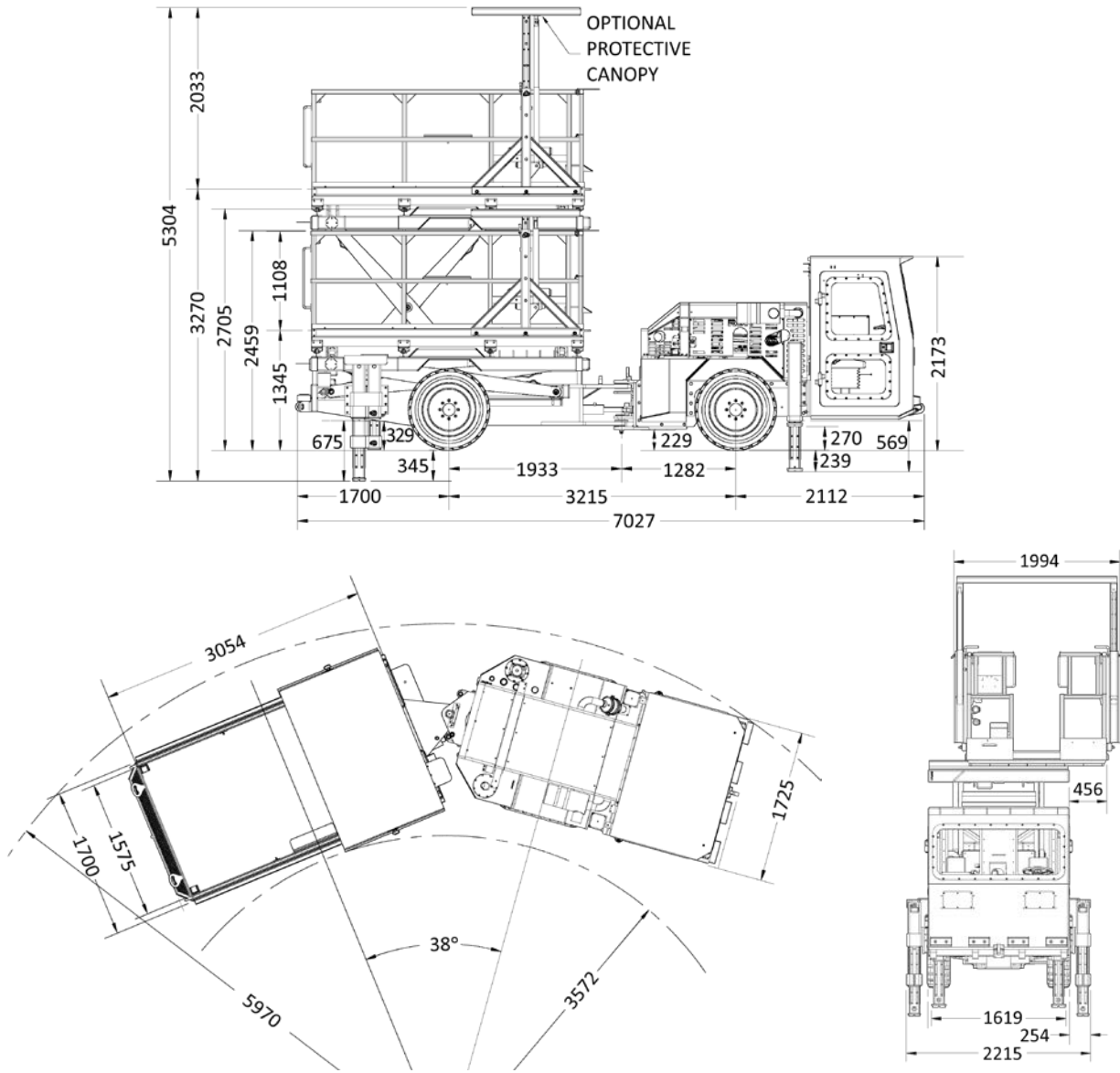
Brake lights 2 rear

Horn & reverse alarm

OPTIONAL EQUIPMENT

Various engine makes/models	Folding siderails
Automatic centralized lubrication system	Wheel chocks
24 V hydraulic oil transfer pump	ROPS/FOPS approved enclosed cabin
Fast fill system	Driver door interlock
Cold weather package	ANSUL Checkfire fire suppression system
Strobe light	Camera system
Swivel seat	Air ride seating (operator/passenger)
Exhaust system wrap	Midship or front seated operator cabin
Solid or foam filled tires	Remote brake release for towing
Air and water manifold mounted to platform	Drill steel rack
Telescopic work lights (2) mounted to platform	Extended lift heights
Power pack	Various/custom deck sizes
Sliding safety roof for platform (FOPS approved)	Other options available upon request

MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width (no platform canopy)	1725	68	Inside turning radius	3572	141
Height – canopy	2173	86	Outside turning radius	5970	235
Height – deck lowered	2459	97	Side shift – each side	456	18
Height – deck raised	4378	172	Width – rear stabilizers ext.	2215	87
Length	7027	277	Ground clearance	229	9
WEIGHT	kg	lbs			
Total	12790	28197			