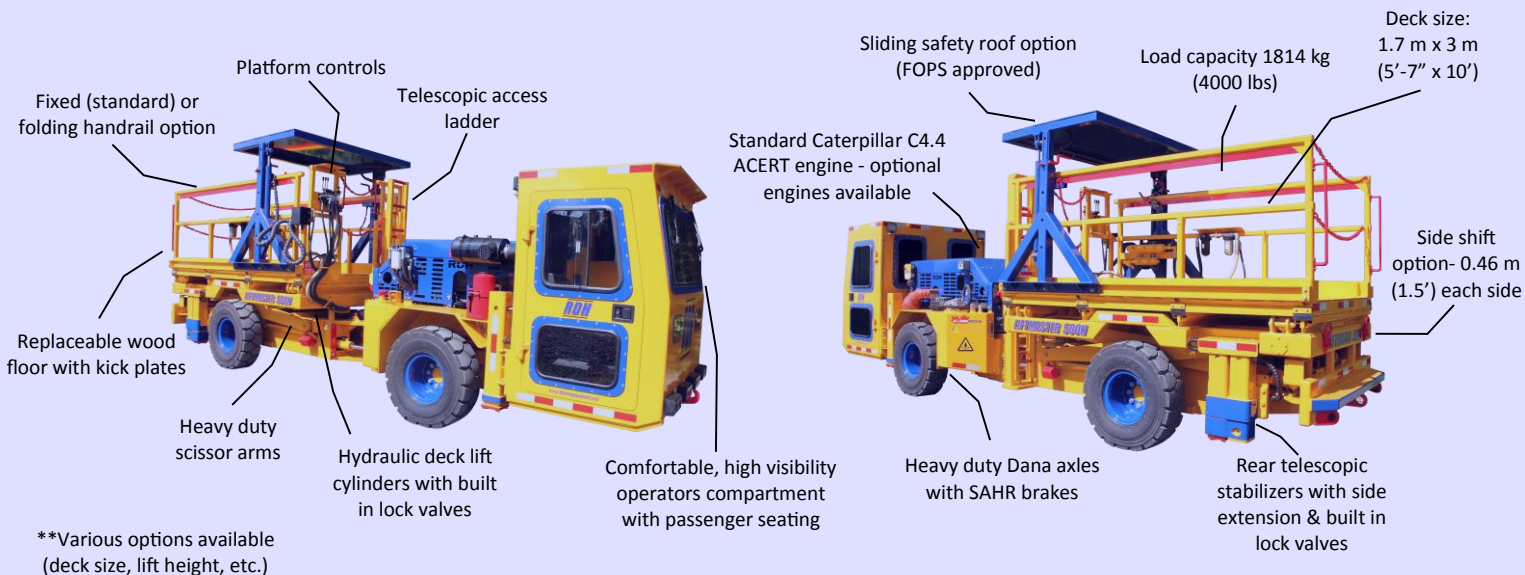


LIFTMASTER 500N

SL500N SCISSORLIFT VEHICLE - UTILITY

TECHNICAL SPECIFICATION

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

simplifying heavy equipment...

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	



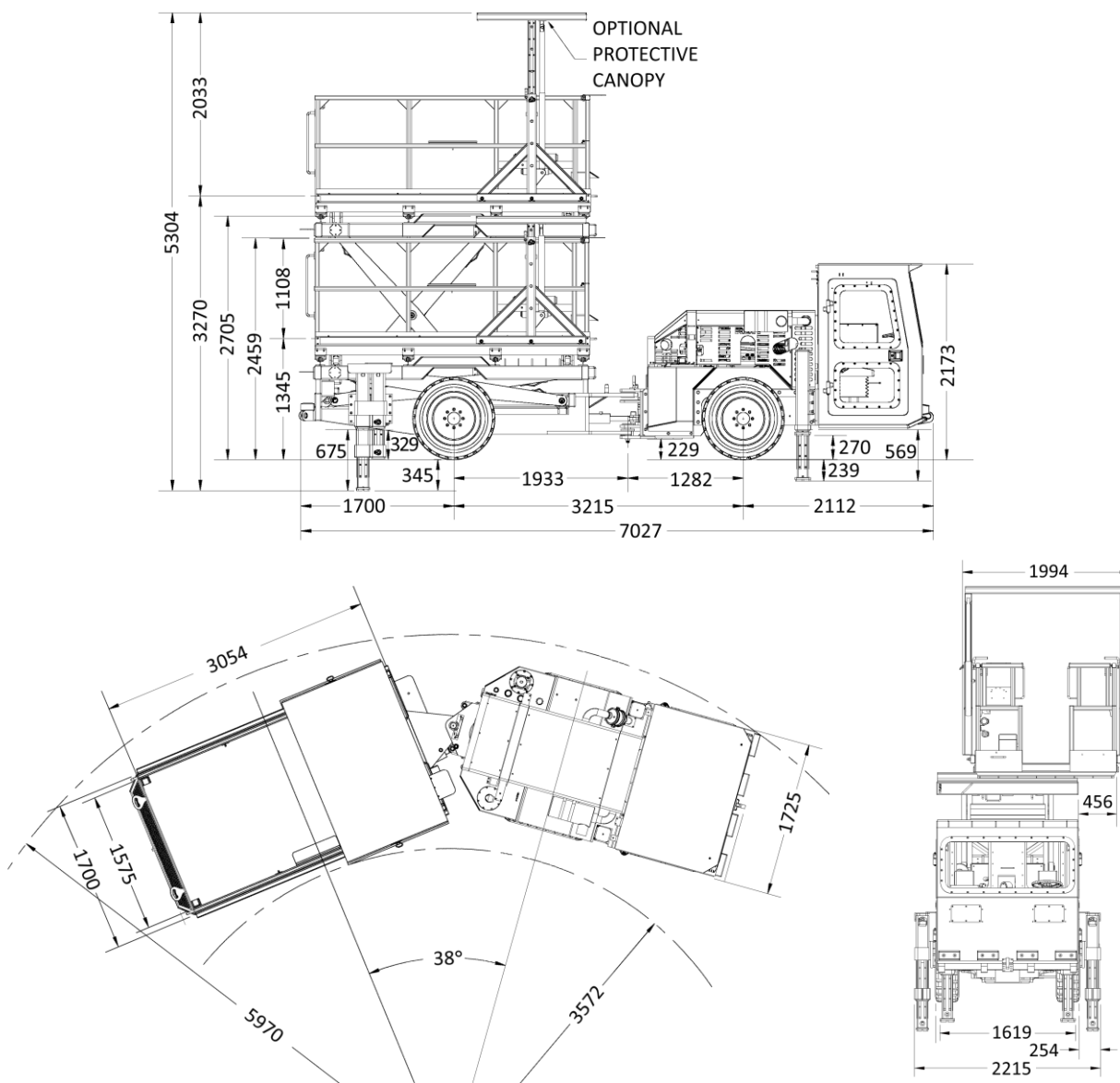
RDH Mining Equipment Ltd.
904 Hwy. 64, Alban, ON, Canada P0M 1A0
Tel: 705-857-2154
info@rdhminingequipment.com
www.rdhminingequipment.com

OPTIONAL EQUIPMENT

Various engine makes/models
Automatic centralized lubrication system
24 V hydraulic oil transfer pump
Fast fill system
Cold weather package
Strobe light
Swivel seat
Exhaust system wrap
Solid or foam filled tires
Air and water manifold mounted to platform
Telescopic work lights (2) mounted to platform
Power pack
Sliding safety roof for platform (FOPS approved)

Folding siderails
Wheel chocks
ROPS/FOPS approved enclosed cabin
Driver door interlock
ANSUL Checkfire fire suppression system
Camera system
Air ride seating (operator/passenger)
Midship or front seated operator cabin
Remote brake release for towing
Drill steel rack
Extended lift heights
Various/custom deck sizes
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			