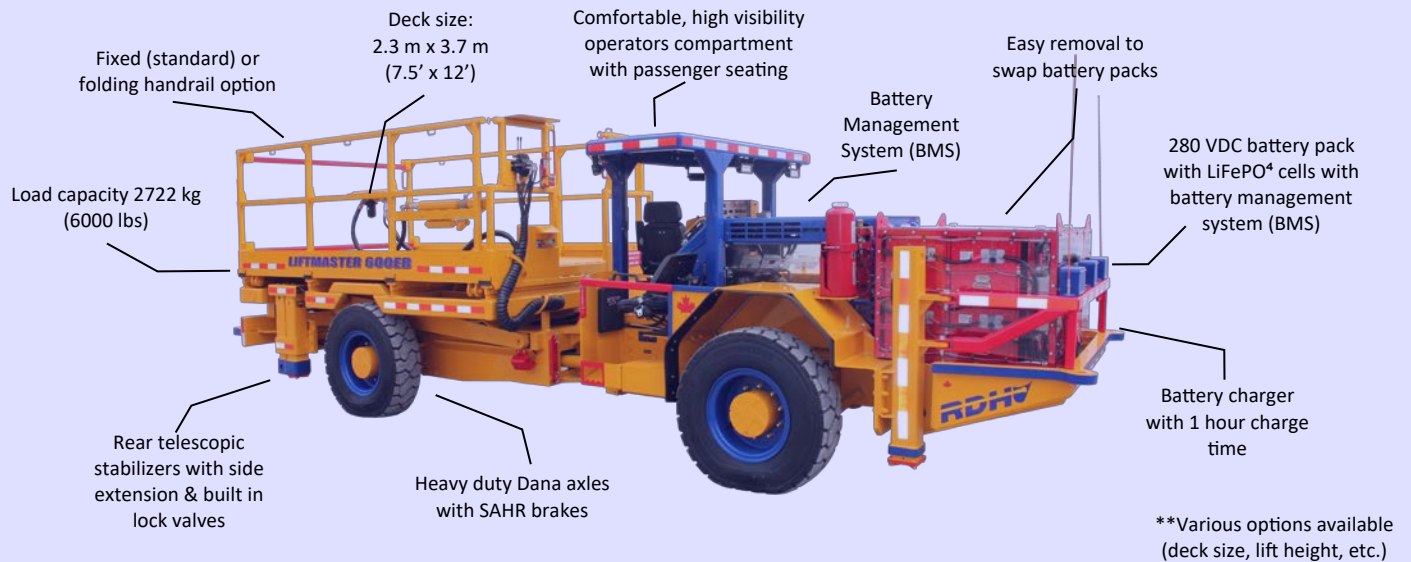


LIFTMASTER 600EB is a robust, safe, fast, clean, and reliable battery powered scissorlift vehicle designed to provide a safe elevating work platform for various types of installation and maintenance work in demanding underground applications.



The robust and reliable four-wheel drive, articulated Liftmaster 600EB consists of a power-shift transmission powered by an electric motor and battery system connected to heavy-duty Dana axles. The rugged frame and articulated carrier make the Liftmaster 600EB a very durable and extremely maneuverable unit even in the tightest situations. The elimination of a diesel engine allows for significant cost savings in reduced maintenance and energy costs, reduced ventilation requirements and improved health and safety for workers. The Liftmaster 600EB provides a mobile and secure working platform for the lifting of personnel and materials in underground mining and tunneling operations.

FEATURES:

- 2722 kg (6000 lbs) lifting capacity
- Lower life cycle cost (LCC), safer to operate, performs better
- Battery management system (BMS) for optimal battery health and performance
- Rear telescopic stabilizers with side extension ensure stability during platform deployment
- Platform with dual side shift for maximum coverage and less set-up time
- Two hydraulic lift cylinders with lock valves

SPECIFICATIONS:

LIFTING PLATFORM

Deck dimensions 2300 mm x 3700 mm
 (7'-6" x 12")
 Lifting capacity 2722 kg (6000 lbs)
 Hydraulic side shift deck (each side) 616 mm (24")
 Height at top of hand rails 2574 mm (101")
 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) 762 mm (30")
 Stabilizer leg extend (rear) 908 mm (36")
 Stabilizer spread (side extension) 2934 mm (9'-7")

MISCELLANEOUS

Central grease point – manual
 Standard gauges and instrumentation
 ANSUL fire suppression system - manual
 Copy of Parts/Operator/Service manuals
 Passenger seating
 Air ride seating
 ROPS/FOPS certified canopy

BATTERY SYSTEM

Battery pack voltage 280 VDC
 Battery pack amperage 260 amps/hour
 LiFePO⁴ (lithium iron phosphate) cells
 Average charge time 1 hours
 Average operating time between charges 4-5 hours

POWERTRAIN

Electric Motor: 75-149 kW (100-200 hp) range, totally enclosed, liquid-cooled, maintenance free, brushless
 Drive: AC traction, variable frequency, high efficiency, heavy-duty, liquid-cooled

TRANSMISSION

Dana powershift, 20000 series
 3 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 240 L

ELECTRICAL SYSTEM

24 V
 Battery 2 x 12 VDC
 Trimming/working LED lights 4 front / 4 rear
 Brake lights 2 rear
 Horn & reverse alarm

BATTERY MANAGEMENT SYSTEM (BMS)

Data (state of charge, state of health, voltage, temperature, current, warning lights)
Cell balancing
Thermal sensing
Over current protection
Over & under voltage protection

OPTIONAL EQUIPMENT

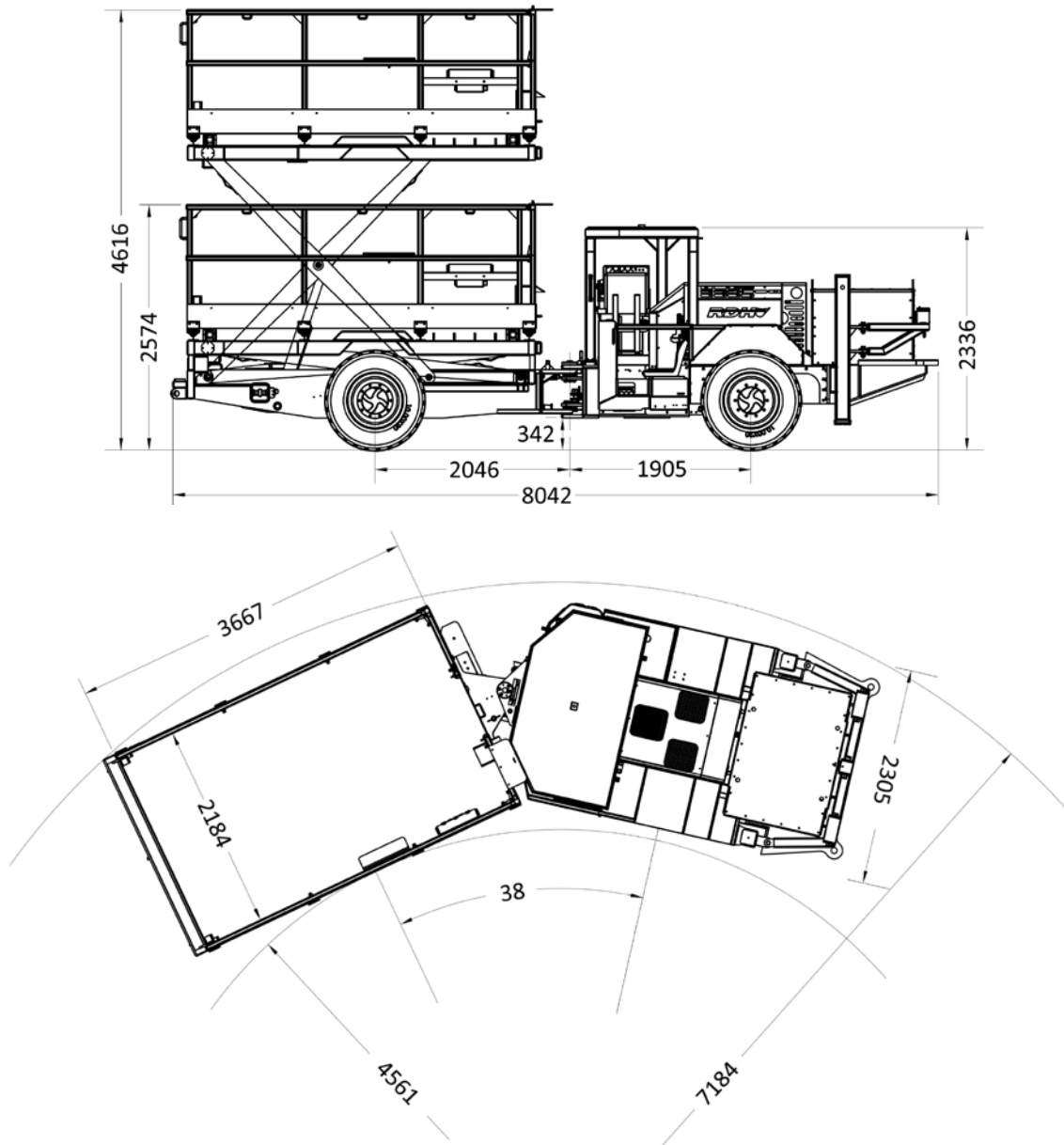
Various engine makes/models
Automatic centralized lubrication system
24 V hydraulic oil transfer pump
Fast fill system
Cold weather package
Strobe light
Swivel seat
Solid or foam filled tires
Air and water manifold mounted to platform
Telescopic work lights (2) mounted to platform
Power pack
Sliding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

SAFETY FEATURES

Stop switch located in operator compartment for complete system shutdown
High voltage interlock initiates complete system shutdown if high voltage plug is disconnected
Master disconnect switch on battery pack
Ground fault system
Driver door interlock actuates joystick & transmission

Folding siderails
Wheel chocks
ROPS/FOPS approved enclosed cabin
Driver door interlock
ANSUL Checkfire fire suppression system
Camera system
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	2305	91	Inside turning radius	4561	180
Height – canopy	2336	92	Outside turning radius	7184	283
Height – deck lowered	2574	101	Side shift – each side	616	24
Height – deck raised	4616	182	Ground clearance	342	13
Length	8042	317			

All weights, dimensions, and other data reflect a standard unit unless otherwise stated. RDH reserves the right to change specifications and equipment without notice. Consult RDH Mining Equipment sales representative for specific information.