

Specifications

DRIVE ELECTRIC MOTOR	- Liquid cooled, IP67 fully sealed & protection, 126 kW, maintenance free - 2 drive electric motors direct dr
MOTOR DRIVE CONTROLLER	- CAN bus, IP67 fully sealed & protection, liquid cooled
AXLES	- F: DANA 211 & R: DANA 111
SERVICE/EMG./PARK BRAKE	- Enclosed 4 axle mounted - Certified CAN?CSA M423.3-M90 Braking Test
TIRES	- Goodyear LT315/75-16
SUSPENSION	- Maintenance free front & rear 4-link with coil over shocks
PAYLOAD CAPACITY	- Up to 3000 lbs depending on configuration
HYD. ELECTRIC MOTOR & CONTROL	- Liquid cooled, IP67 fully sealed & protection, 126kW, maintenance free
DC/DC CONVERTER	- CAN bus, liquid cooled 4kW
STEERING	- Front Axle Steering
DRIVE SYSTEM	- Permanent 4WD
BRAKES (PARK/EMERGENCY)	- Spring applied hydraulic released enclosed wet disc brake - S.A.H.R dash activated and automatic with loss of hydraulic or engine power
BRAKES (SERVICE)	- Enclosed, Wet disc
TIRES	- 405/70R18

24V ELECTRICAL SYSTEM	- Fully enclosed Lithium battery package
SYSTEM BATTERY PACKAGES	- Lithium Iron Phosphate (LiFePO4) - Fully enclosed battery packages 96 kW, 325V - Easy to remove individual module
BATTERY MANAGEMENT SYSTEM (BMS)	- CAN bus communication to control the battery packages - Data: SOH, SOC, voltage, current, error code - Over & under voltage protection - Cell balancing & thermal sensing
ONBOARD CHARGE SYSTEM	- 600V x2 onboard chargers without requirement of transformers - Liquid cooled, IP67 fully sealed & protection - Total capacity 40 kWh
CHARGER PLUG	- CSA certified 600V, 3 phases - IP66/67 Protection - Self closing cap
CHARGE TIME	- Fully charge 2.5-3hrs
VEHICLE CONTROL	- 12" display, IP 67 protection - CAN bus communication, PLC program, easy diagnostic - Display: battery health, temperature, regenerative brake remaining aprx. distance, hrs of driving, speed, distance, hr meter, error code, trouble-shoot ability
ENCLOSED CAB	- Certified CSA ROPS/FOPS level 2 - Fully enclosed with safety glass - Air condition, heat system
OPERATING TIME	- Mix modes 3 - 6 hrs (depending on load, ramp)

NEW STANDARD FEATURES

- + Superior Performance from surface to ultra deep mining
- + 5 personnel carrier with cargo box
- + Comfortable ride with front & rear suspension systems
- + Innovative electric powertrain design
- + High environmental protection on all electrical components

Specifications subject to change without prior notice

TRACKS + WHEELS

tracksandwheels.com

minemaster.com

We have built the MINEMASTER® product in several standard configurations to suit a variety of applications. We also design and build custom units based on our customers' unique needs and requirements.

Contact us at sales@minemaster.com for complete specifications and general arrangement of drawings of the MINEMASTER® you require.

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MINEMASTER®

Commander EV



Commander **EV**

The MINEMASTER® Commander Series is a new class of underground personnel carrier designed from years of research and customer input. The Commander offers a comfortable and controlled ride without sacrificing payload capacity. Combined with low maintenance requirements and ground level service, the Commander is in a class of its own.

STRONG POINTS

- + Fully upgraded electrical system
- + Heavy-duty frame
- + Stainless steel dash and heavy-duty switches
- + Walk-through operator compartment
- + Inching pedal
- + High ground clearance
- + Protective operator guards
- + Non slip 3-point access on all entry points
- + Safety -interlock starting system

