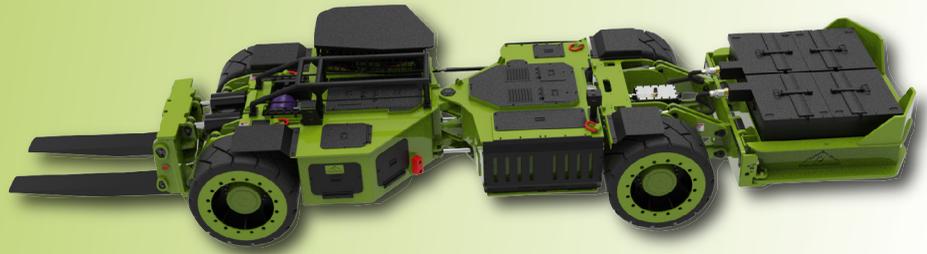




# 555BSB SHIELD MOVER



## Specifications:

### Mechanical:

#### **Traction:**

- Full time 4 wheel drive with electronic traction differential lock, increasing component longevity and overall steerability.
- Spring applied hydraulic released wet multidisc park brake.
- Hydraulic applied wet multidisc service brake.
- Lube for life drive lines.

#### **Hydraulic:**

- 2 Stage Gear Pump
- Two 9.5" bore Tilt lift cylinders.
- Two 8" bore Bell-Crank lift cylinders.
- Two 6" bore Battery Tray lift cylinders.
- Two 6" bore Steer cylinders.
- 54 Gallon hydraulic oil tank.

### Electrical:

#### **Battery Voltage:**

- 240 Volt

#### **Traction:**

- High torque closed loop AC VFD. 2 x 80 kW 277 Volt AC motors. Closed loop VFD eliminates low speed cogging.
- (Infinitely variable speed control through the complete speed range (NO STEPS))

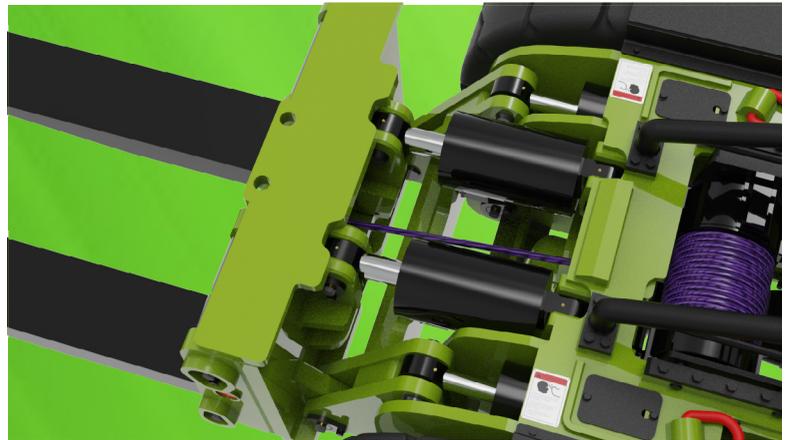
#### **Pump:**

- AC VFD. 1 x 18 kW

#### **Lights:**

- LED

(available with colored direction and position lights options)



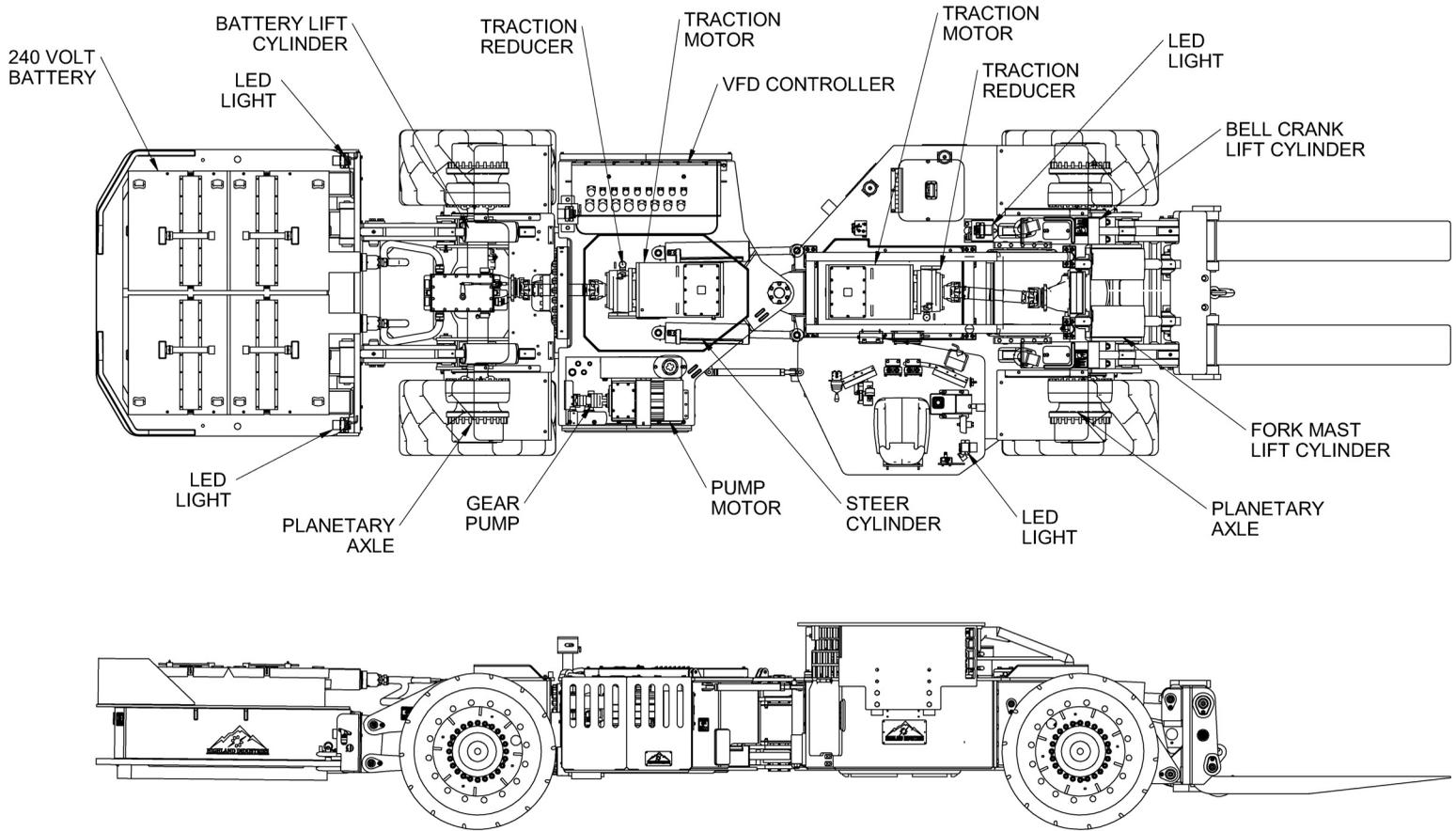
### Chassis:

#### **Frame:**

- Fabricate from structural grade steel with reinforcements in high stress areas.
- Three section frame provides greater stability by separating the rear frame from the load caring front frame.
- Heavy duty ball bearing oscillating section.
- Heavy duty ground base battery lift system.



**Highland offers the latest updates and custom modifications to meet your mining requirements.**



555 BSB

Length with 84" forks	38'-7"			
Width	9'-11"			
Wheelbase	17'-4"			
Height with 20" cab	(lower heights available)	<b>54" Tires</b>	60" Min, 72" Max	<b>48" Tires</b> 57" Min, 69" Max
Chassis Height		<b>54" Tires</b>	52"	<b>48" Tires</b> 49"
Ground Clearance		<b>54" Tires</b>	19"	<b>48" Tires</b> 16"
Steering Articulation	100 degrees			
Frame Oscillation	40 degrees			
Lift and Carry Capacity	55 tons at 60"			
Weight	With out Batteries	76,000 lbs.	With Batteries	104,000 lbs.



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