



**BOLLINGER MOTORS**  
**COMMERCIAL TRUCKS**

## HOW DID WE GET HERE

>2

- Over the past two years, Bollinger Motors' team of 80+ people worked with our Tier I suppliers and 3<sup>rd</sup> party experts, to successfully complete our Product Development Plan and deliver the B4, Class 4, all-electric work truck.





## BOLLINGER B4 CLASS 4 ALL-ELECTRIC CHASSIS CAB

>4

# CLASS 4

<b>BATTERY</b>	<b>2 PACKS PROVIDE 158 KWH</b>	<b>GVWR</b>	<b>15,500 LBS</b>
<b>RANGE</b>	<b>110-200 MILES</b>	<b>PAYLOAD</b>	<b>7,100 LBS</b>
<b>CHARGING (0 – 100%)</b>	<b>J1772 CCS</b>	<b>WHEELBASE</b>	<b>158"</b>
<b>LEVEL 2</b>	<b>9 HOURS @ 80 AMPS</b>	<b>CAB TO AXLE</b>	<b>136"</b>
<b>LEVEL 3</b>	<b>1.5 HOURS @ 200 AMPS</b>	<b>TURN CIRCLE</b>	<b>44'</b>
<b>POWER</b>	<b>363 HP</b>	<b>CAB TO BOX</b>	<b>4"</b>
<b>TORQUE</b>	<b>702 FT LBS</b>	<b>FRAME HEIGHT</b>	<b>30"</b>
<b>REAR AXLE</b>	<b>DUAL WHEEL RWD</b>	<b>FRAME WIDTH</b>	<b>40"</b>
	<b>GAWR – 10,500 LBS</b>	<b>BODY LENGTH</b>	<b>16 – 18'</b>
<b>FRONT AXLE</b>	<b>SOLID BEAM</b>		
	<b>GAWR – 6,500 LBS</b>		
<b>TIRE SIZE</b>	<b>225/70R19.5</b>		



**PER CUSTOMER FEEDBACK: MEDIUM DUTY TRUCKS, ON AVERAGE, ARE DRIVEN LESS THAN 100 MILES PER DAY**

All data preliminary and subject to change. Range estimated at half payload, running a typical urban delivery route.



CONFIDENTIAL



## BOLLINGER B5 CLASS 5 ALL-ELECTRIC CHASSIS CAB

>5

# CLASS 5

<b>BATTERY</b>	<b>2 PACKS PROVIDE 158 KWH</b>	<b>GVWR</b>	<b>19,500 LBS</b>
<b>RANGE</b>	<b>110-180 MILES</b>	<b>PAYLOAD</b>	<b>11,000 LBS</b>
<b>CHARGING (0 – 100%)</b>	<b>J1772 CCS</b>	<b>WHEELBASE</b>	<b>158 - 176"</b>
<b>LEVEL 2</b>	<b>9 HOURS @ 80 AMPS</b>	<b>CAB TO AXLE</b>	<b>136 - 154"</b>
<b>LEVEL 3</b>	<b>1.5 HOURS @ 200 AMPS</b>	<b>TURN CIRCLE</b>	<b>44-48'</b>
<b>POWER</b>	<b>363 HP</b>	<b>CAB TO BOX</b>	<b>8"</b>
<b>TORQUE</b>	<b>702 FT LBS</b>	<b>FRAME HEIGHT</b>	<b>30"</b>
<b>REAR AXLE</b>	<b>DUAL WHEEL RWD</b>	<b>FRAME WIDTH</b>	<b>40"</b>
	<b>GAWR – 13,500 LBS</b>	<b>BODY LENGTH</b>	<b>16 – 20'</b>
<b>FRONT AXLE</b>	<b>SOLID BEAM</b>		
	<b>GAWR – 7,500 LBS</b>		
<b>TIRE SIZE</b>	<b>225/70R19.5</b>		



**PER CUSTOMER FEEDBACK: MEDIUM DUTY TRUCKS, ON AVERAGE, ARE DRIVEN LESS THAN 100 MILES PER DAY**

All data preliminary and subject to change. Range estimated at half payload, running a typical urban delivery route.



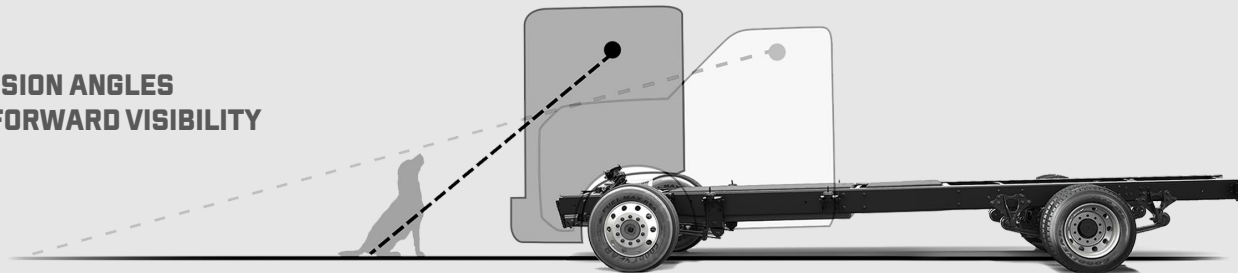
CONFIDENTIAL

# LOW CAB FORWARD OFFERS MORE CARGO SPACE AND IMPROVED SAFETY OVER TRADITIONAL CABS

**INCREASED CARGO VOLUME  
AND UPFITTER OPTIONS  
VS CONVENTIONAL CAB LAYOUT**



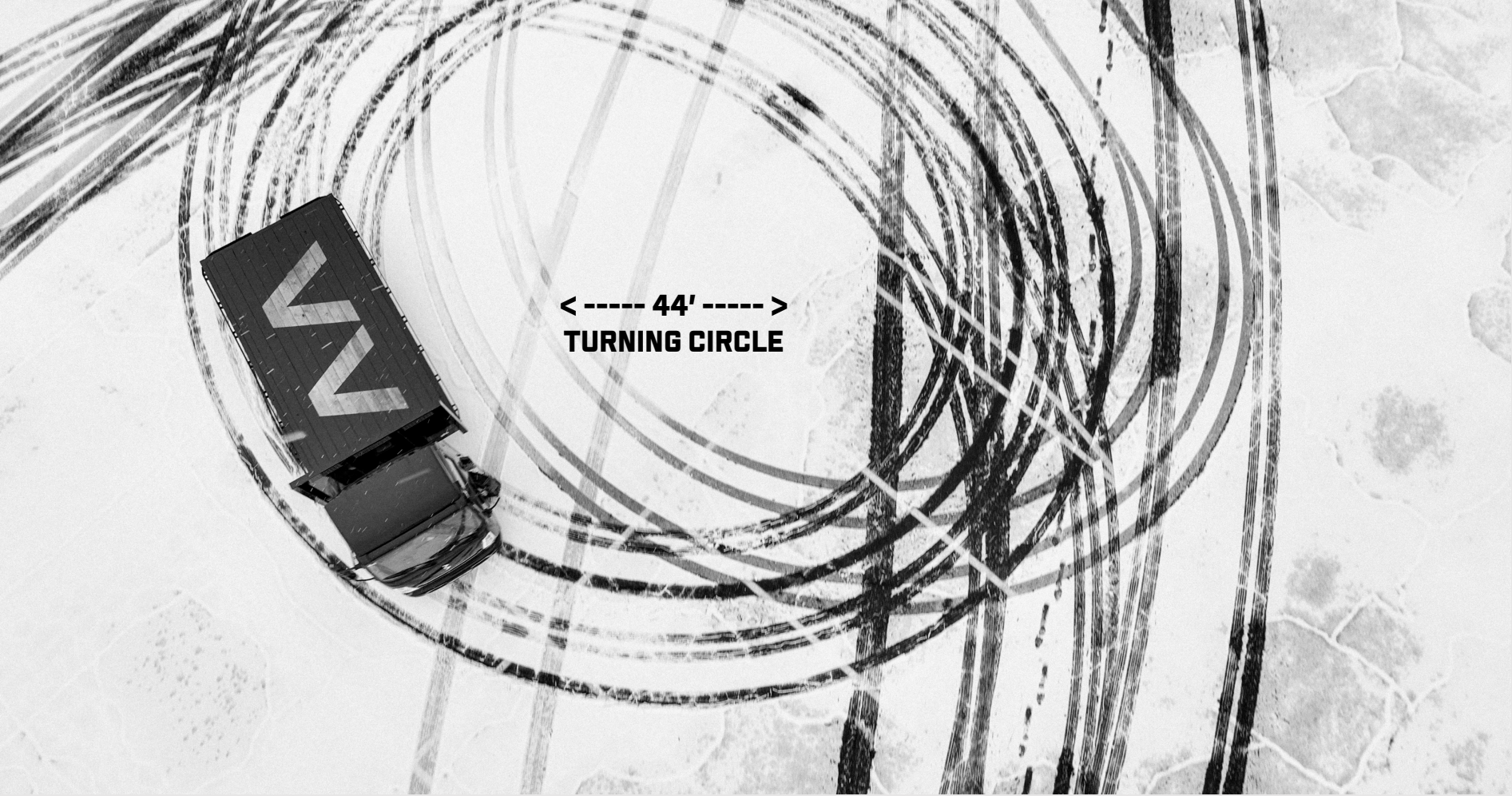
**BETTER DOWN-VISION ANGLES  
FOR INCREASED FORWARD VISIBILITY**



**BACKUP CAMERA  
STANDARD ON ALL TRUCKS**



# CAB FORWARD TRUCKS IMPROVE VEHICLE TURNING CIRCLE

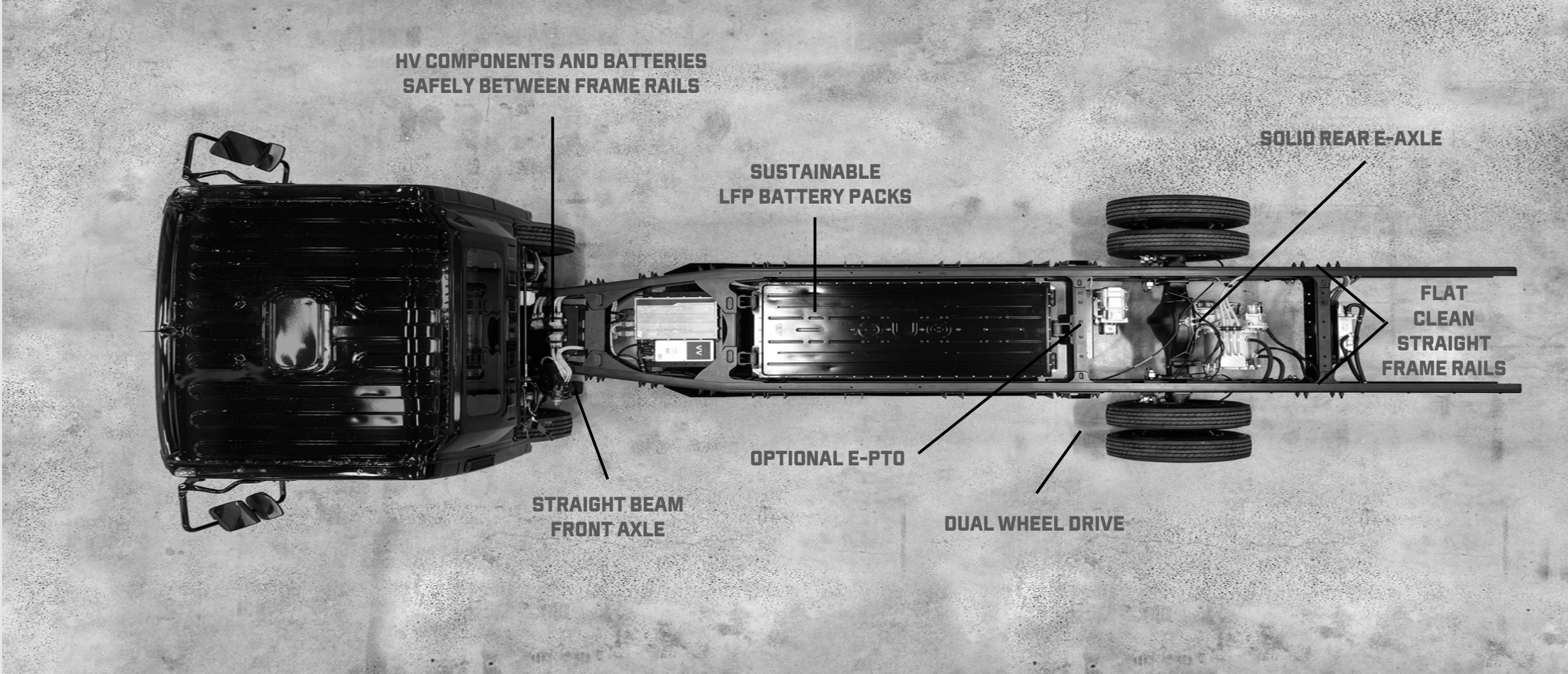


All data preliminary and subject to change.





# FLAT, CLEAN AND STRAIGHT FRAME RAILS MAKE IT MUCH EASIER TO ELECTRIFY YOUR FLEET

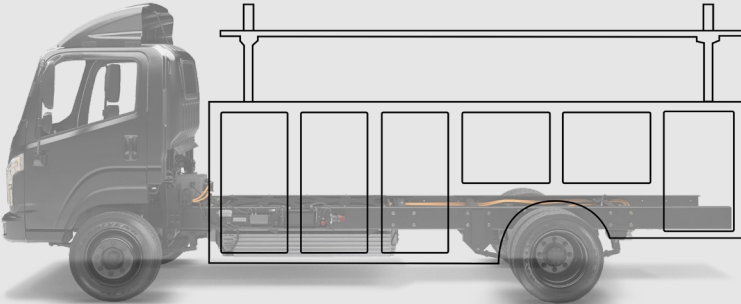
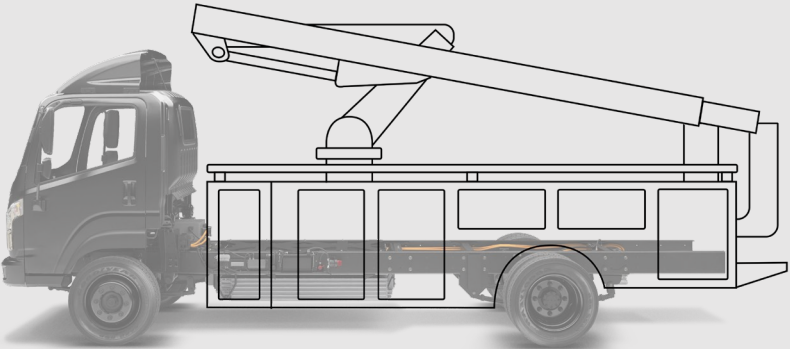
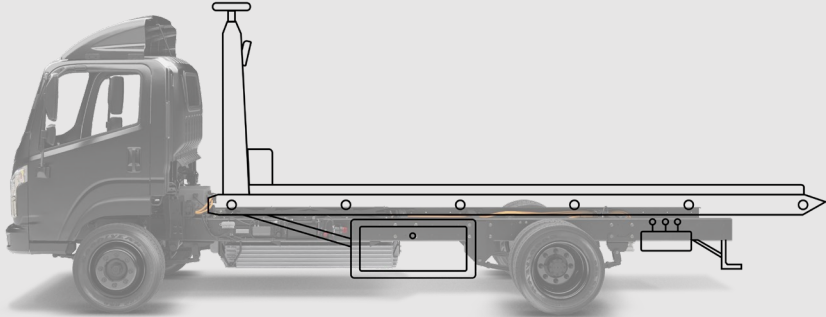
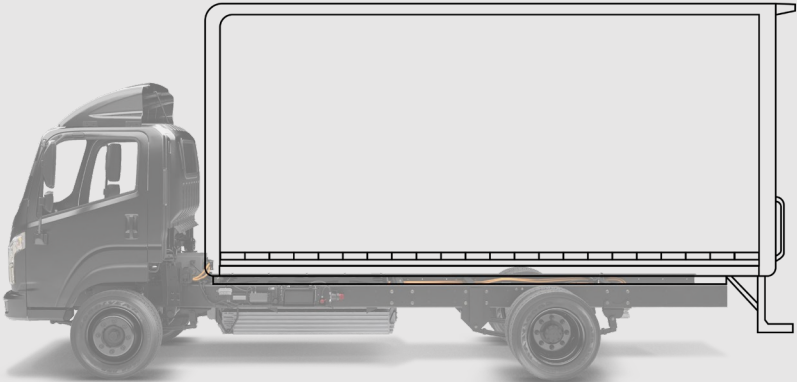


All data preliminary and subject to change.



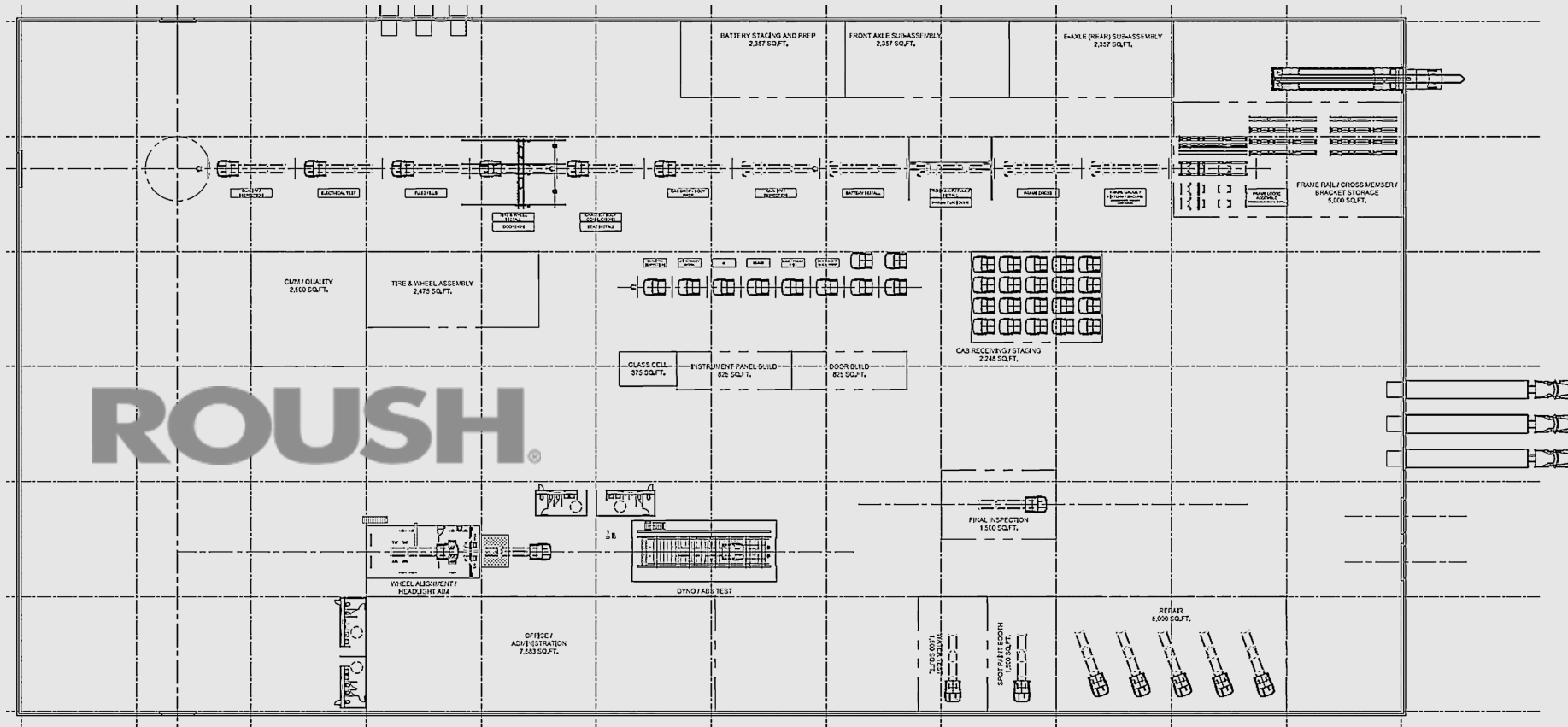


**WORKING WITH ALL UPFIT PARTNERS TO OFFER CUSTOMERS WHAT THEY NEED**



# B4 PRODUCTION IN MICHIGAN

- B4 serial production will be at Roush Industries, as the contract manufacturer, at a flexible facility located in Livonia, Michigan, allowing us to control costs but grow with increased demand.



# PARTNERING WITH OUR NEXT ENERGY (ONE) TO PROVIDE INDUSTRY LEADING BATTERY TECHNOLOGY

>11



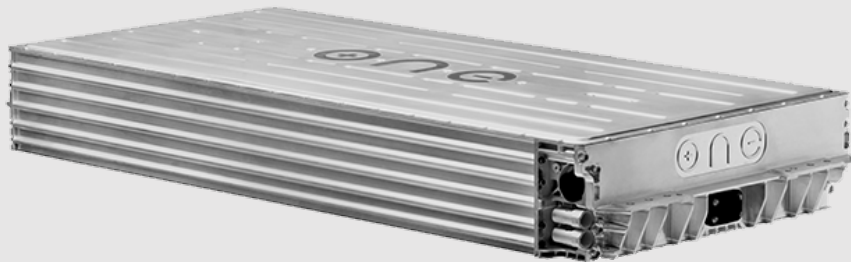
**ENERGY: 158 KWH (2 BATTERY PACKS)**

**CYCLE LIFE: 5,000 CYCLES**

**WARRANTY: 8-YEARS / 100,000 MILES**

**LITHIUM IRON PHOSPHATE (LFP) SUSTAINABLE CHEMISTRY**

- **NO NICKEL (NI)**
- **NO COBALT (CO)**



All data preliminary and subject to change.

**OUR NEXT ENERGY (ONE) BATTERIES ARE ASSEMBLED IN MICHIGAN**



**MADE IN USA**



**CONFIDENTIAL**

# PARTNERING WITH DANA AND GOODYEAR TO PROVIDE EV-SPECIFIC PRODUCTS

>12



## **eS9000r e-AXLE**

- > FULLY INTEGRATED MOTOR, GEARBOX AND AXLE DRIVE SYSTEM
- > DESIGNED FOR CLASS 4/5/6 COMMERCIAL VEHICLES

## **REAR e-AXLE PERFORMANCE**

- > PEAK POWER OF 363 HP / 702 FOOT-POUND TORQUE



## **"ELECTRIC DRIVE READY" ENDURANCE RSA ULT**

- > SIZE = 225/70R19.5

**TIRE TREAD PATTERN AND REINFORCED SIDEWALL STRENGTH  
DESIGNED TO HANDLE INCREASED WEIGHT REQUIREMENTS OF  
COMMERCIAL VEHICLES**

All data preliminary and subject to change.

**DANA AND GOODYEAR PRODUCTS**



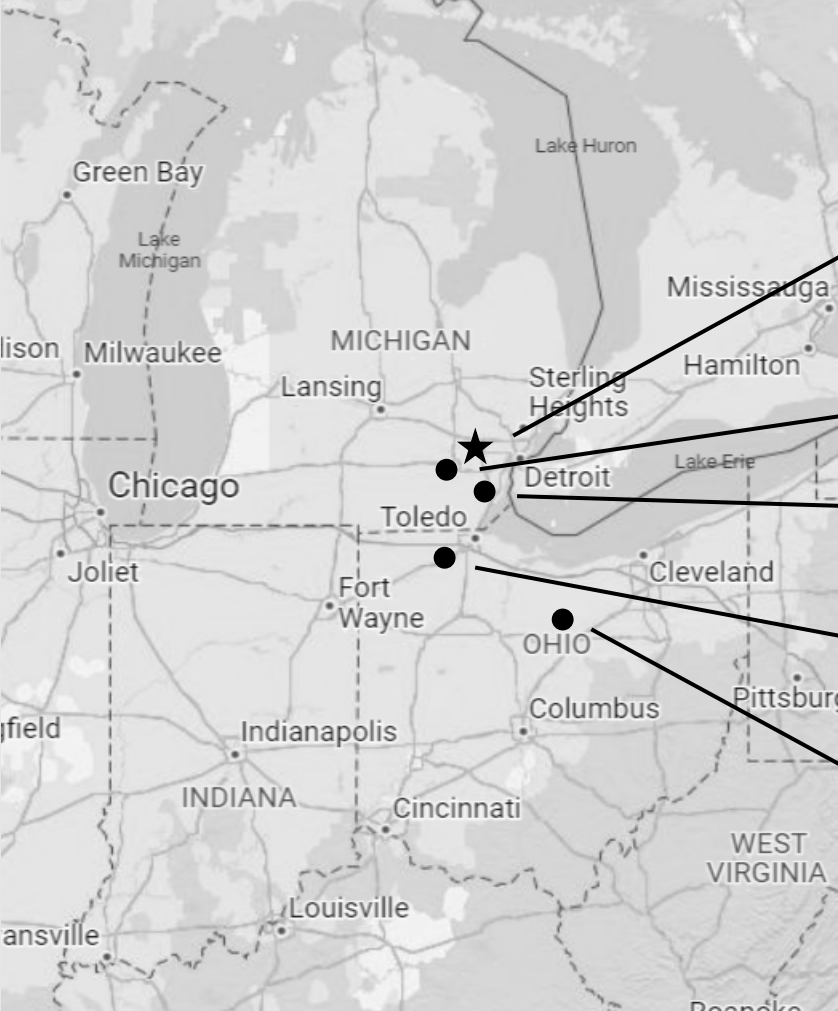
**MADE IN USA**

**CONFIDENTIAL**





# SUPPLY CHAIN AREA: B4 MAJOR COMPONENTS



**BOLLINGER MOTORS**

HQ

**ROUSH**

ASSEMBLY



BATTERY



E-AXLE



EV TIRES



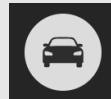
# ADVANCE DRIVER ASSISTANCE SYSTEM

---

>14



## AVAILABLE EQUIPMENT ON BOLLINGER B4 / B5



**FORWARD COLLISION WARNING**



**PEDESTRIAN COLLISION WARNING**



**LANE DEPARTURE WARNING**



**HEADWAY MONITORING & WARNING**



**SPEED LIMIT INDICATION**

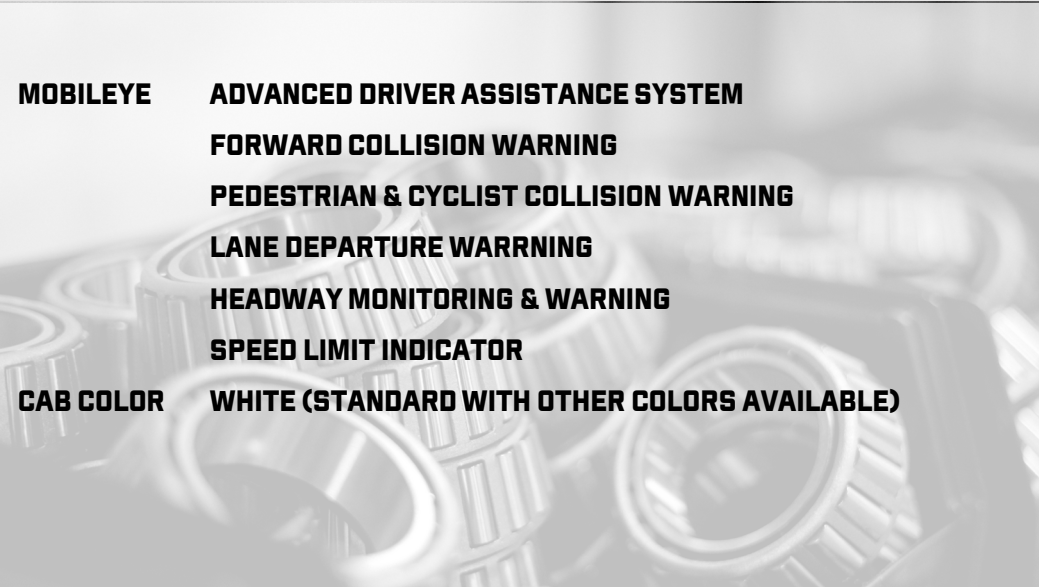
---

All data preliminary and subject to change.

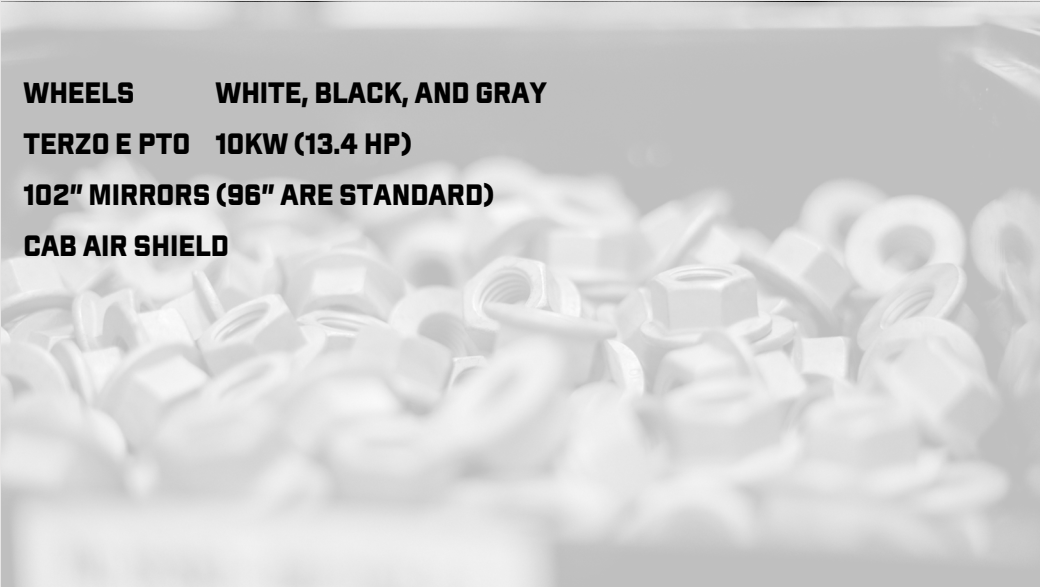


CONFIDENTIAL

# CLASSES 4 & 5



**MOBILEYE    ADVANCED DRIVER ASSISTANCE SYSTEM**  
**FORWARD COLLISION WARNING**  
**PEDESTRIAN & CYCLIST COLLISION WARNING**  
**LANE DEPARTURE WARNING**  
**HEADWAY MONITORING & WARNING**  
**SPEED LIMIT INDICATOR**  
**CAB COLOR    WHITE (STANDARD WITH OTHER COLORS AVAILABLE)**



**WHEELS        WHITE, BLACK, AND GRAY**  
**TERZO E PTO    10KW (13.4 HP)**  
**102" MIRRORS (96" ARE STANDARD)**  
**CAB AIR SHIELD**

All standard equipment and options are subject to change.

## FLEETS BENEFIT GREATLY FROM THE INFLATION REDUCTION ACT

---

>16

**IRA INCENTIVE = 30% OF VEHICLE PURCHASE PRICE UP TO \$40,000**



**ENCOURAGING FLEETS TO TRANSITION MORE TRUCKS TO ELECTRIC FASTER**

---

Vehicle must be 14,000 GVW or greater to qualify for Inflation Reduction Act incentives.





**NEARLY IDENTICAL COMPONENTS HELPS TO EXPEDITE PRODUCTION TIMING**

**2024**

**B4**



**CLASS 4 CHASSIS CAB**

**2025**

**B5**



**CLASS 5 CHASSIS CAB**

**2026**

**B6**



**CLASS 6 CHASSIS CAB**

All production timing subject to change.



**BOLLINGER MOTORS**

**THANK YOU**

