



# MANUFACTURING TECHNOLOGY WITH INDUSTRY 4.0

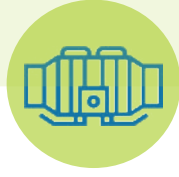


Jendamar delivers cost effective solution integrated with Industry 4.0 services which are Odin Education and Manufacturing.

## Business Verticals



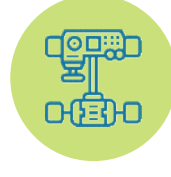
Digital Services



Catalytic Converter



Aerospace



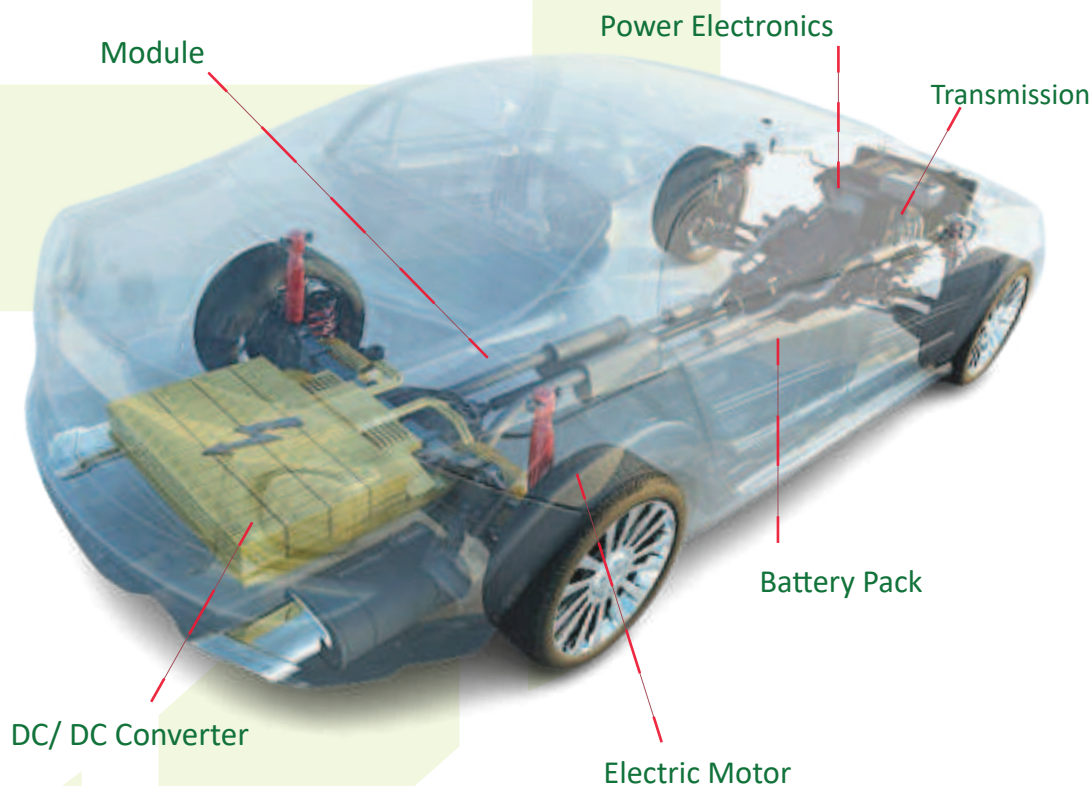
Electric Vehical



Powertrain

## EV Assembly line solutions

Jendamar provides INNOVATIVE Assembly lines integrated with INDUSTRY 4.0 solutions for all the below mentioned components.



IMPROVE  
asset reliability & visibility



INCREASE  
production rates & flexibility



REDUCE  
product & cost of quality



IMPROVE  
worker productivity & safety

## Our process



Concept & Design



Software Engineering



Manufacturing



Assembly



Commissioning



Installation



Training



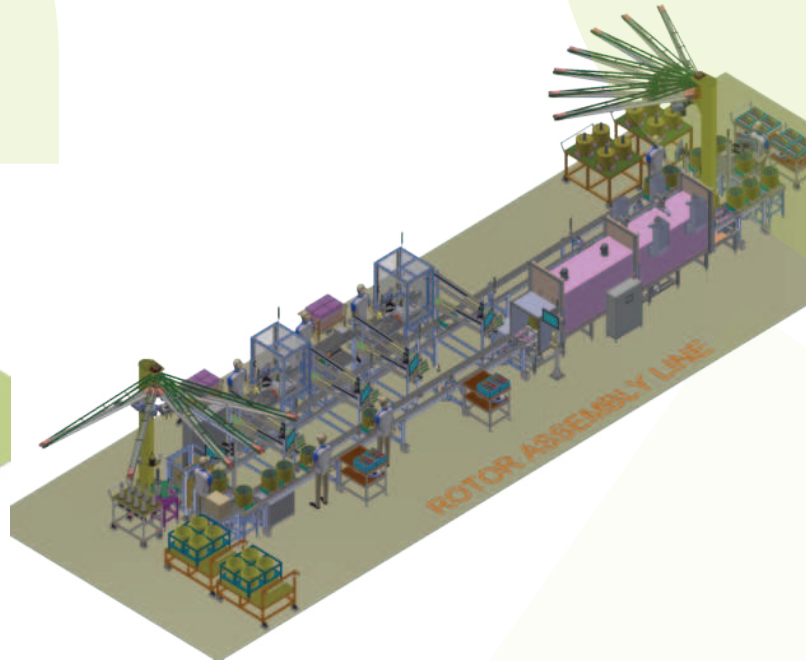
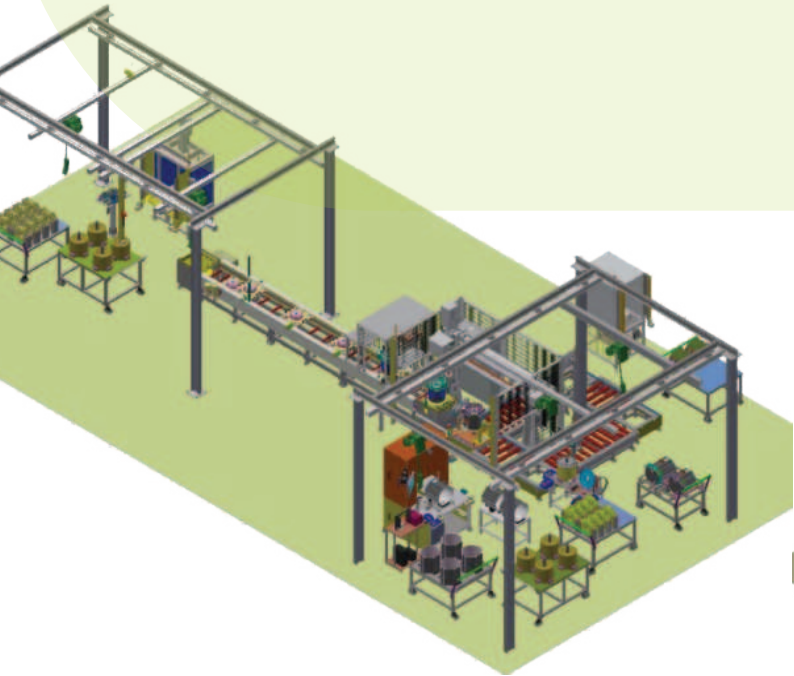
After-sales Services



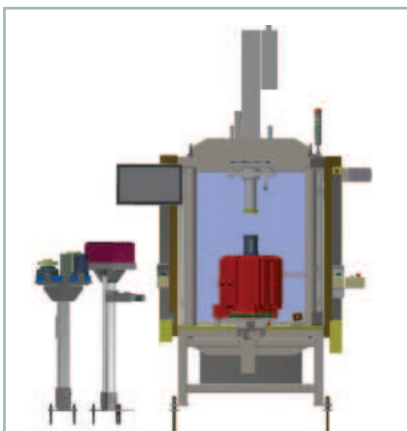
# MOTOR



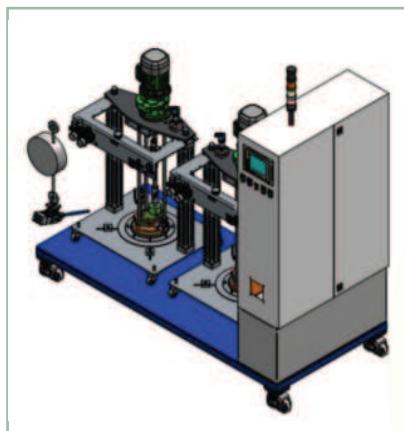
Jendamarck has provided assembly lines for various types EV motors- catering from two, three wheelers, passenger cars and commercial vehicles.



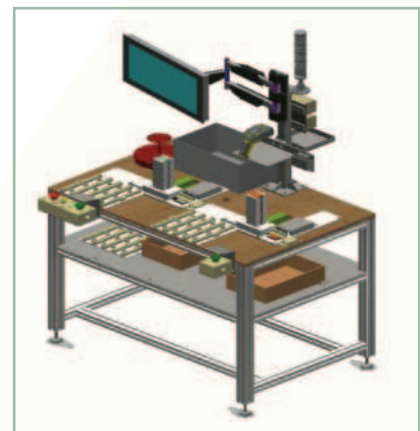
We provide solutions for complex and challenging assembly requirements such as motor winding, handling the magnets and insertion of the stator into rotor housing.



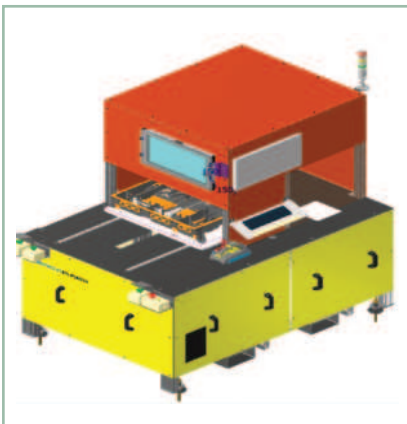
Press



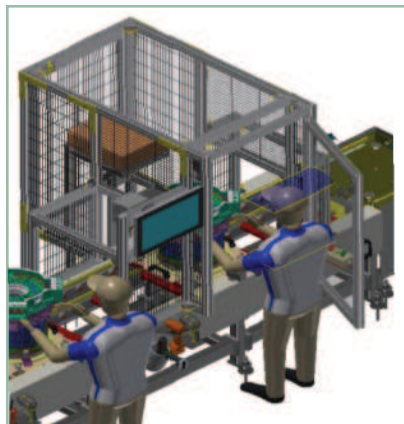
Magnetic dispensing machine  
radial



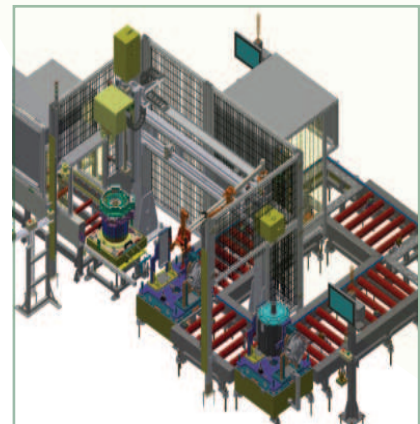
Magnetic dispensing axial flux



Laser marking



Hipot testing



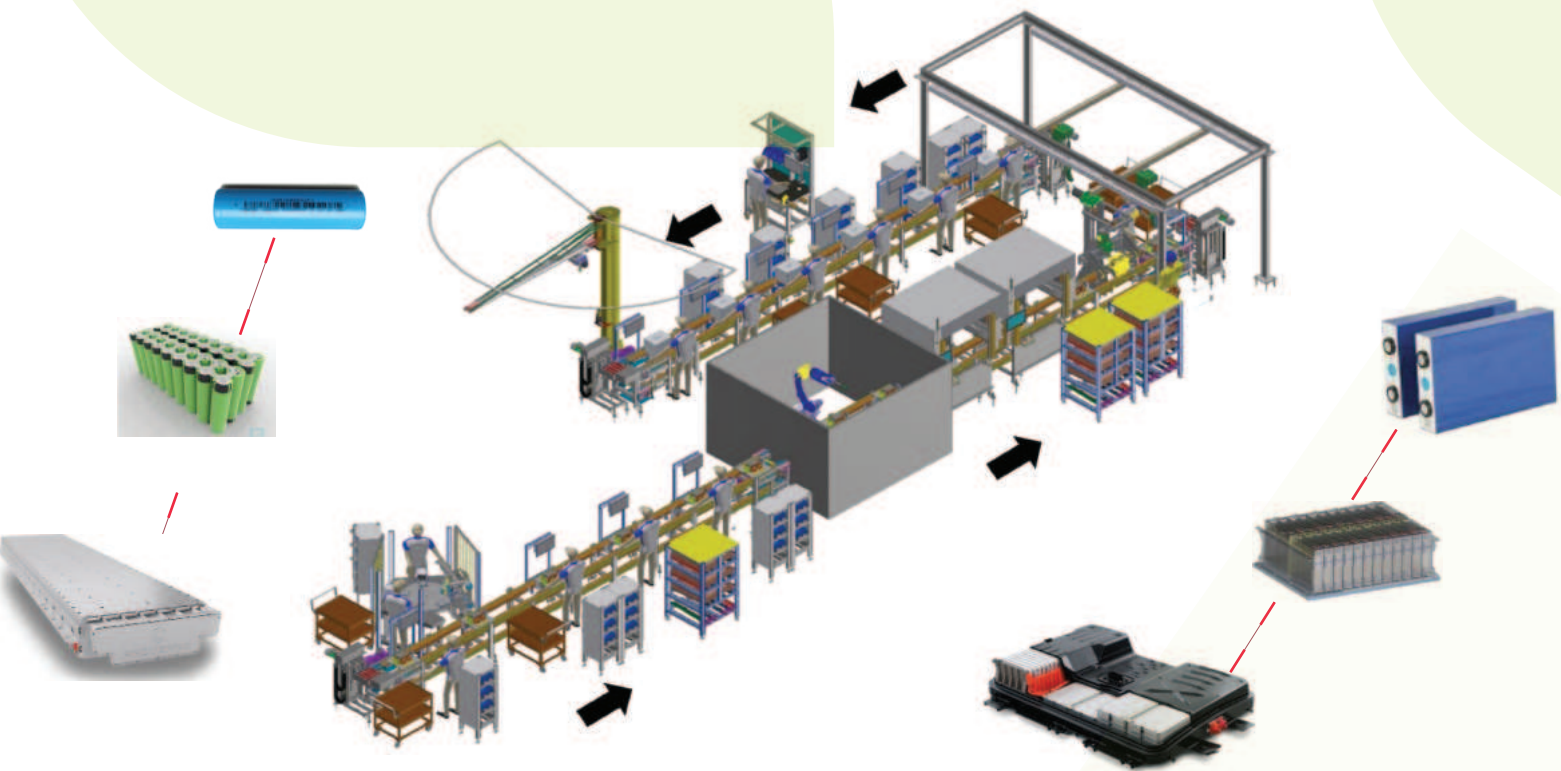
Stator insertion

# BATTERY PACK

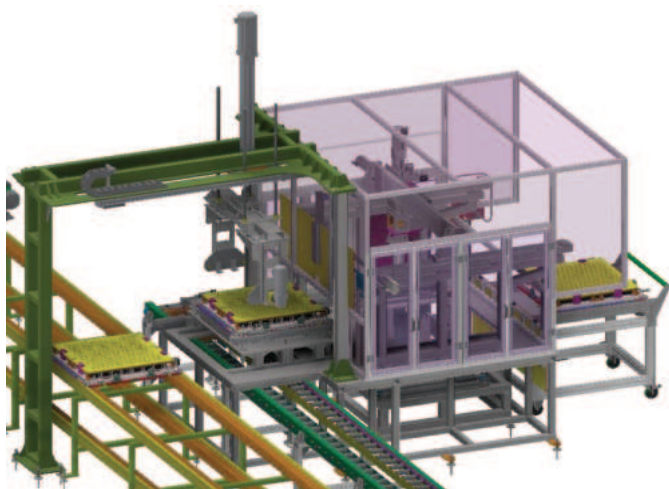


A typical battery pack assembly line is broken down into 3 sections:

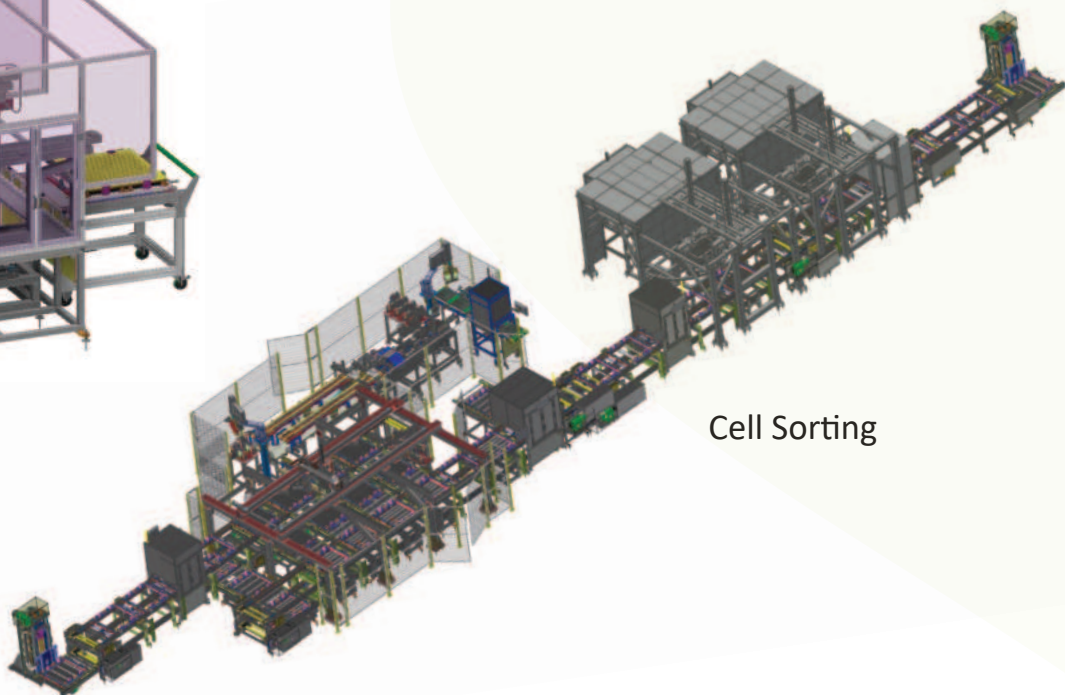
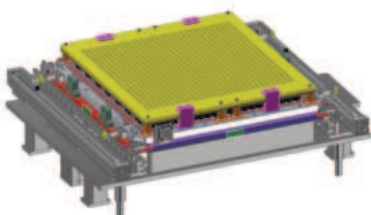
- Cell inspection
- Module line
- Pack line



Jendemark has indiginously developed UNIQUE solutions for assembly of Cylindrical and Prismatic cells. We have STANDARD machines for cell sorting, laser welding, dispensing and all necessary equipments.



Laser welding



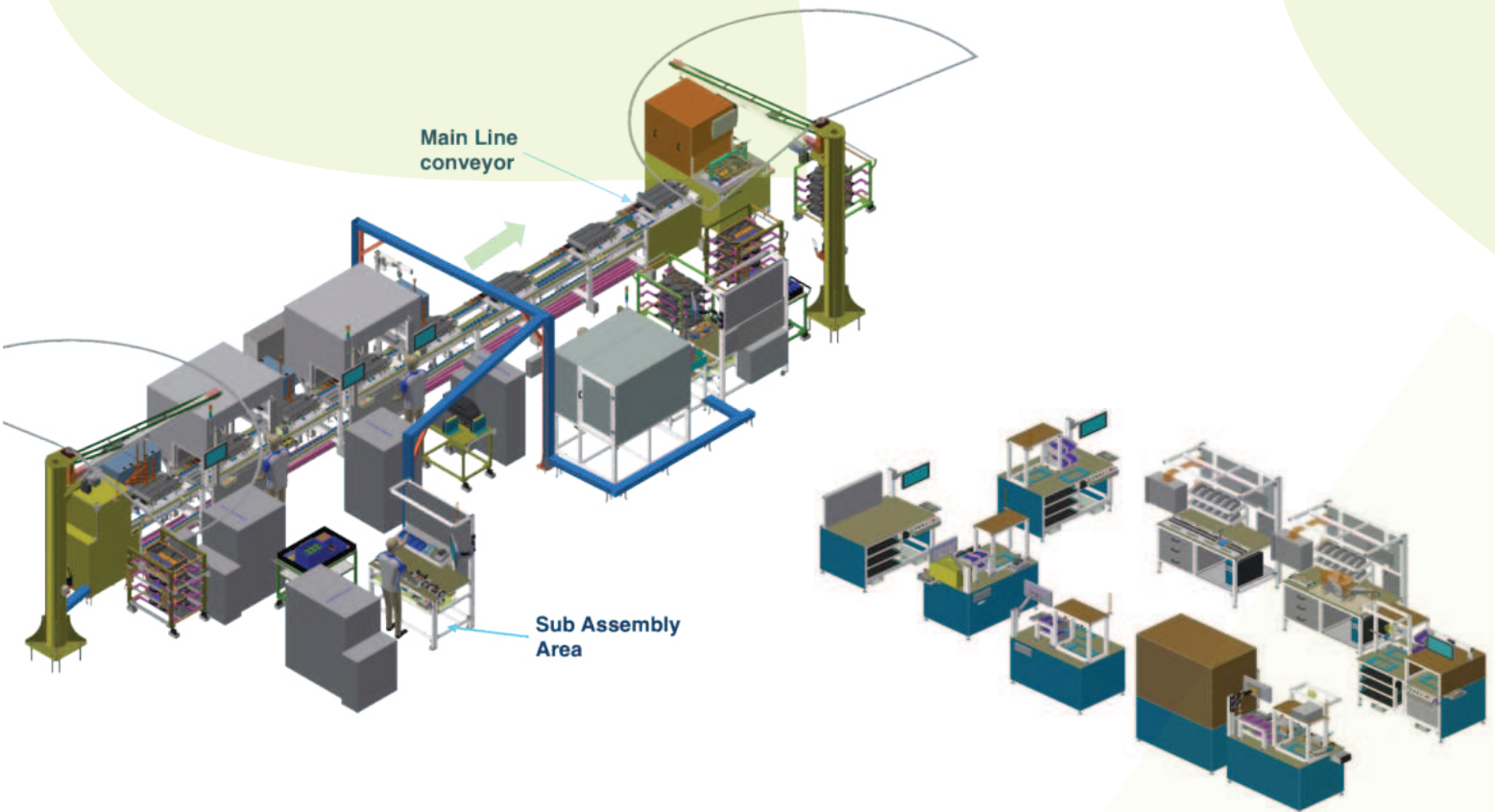
Cell Sorting



# INVERTER

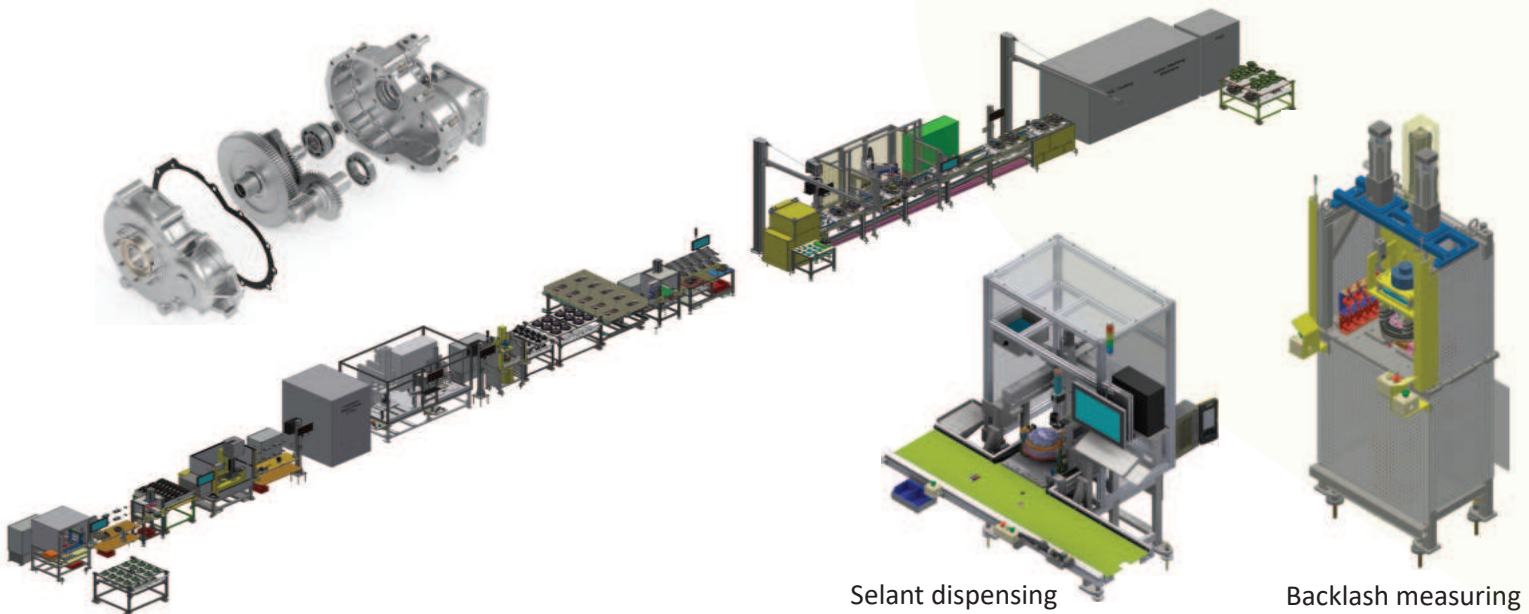


We provide assembly line solutions for making DC-AC inverters and DC-AC inverters.



# E-TRANSMISSION

Multiple gears allow an EV to achieve better low-end acceleration and top speed, which could help to increase its range.



Selant dispensing

Backlash measuring



Preventative and predictive maintenance  
SOPs app



Intuitive animated operator  
guidance instructions



Guided end-of-line quality  
assurance steps



Interactive guidance app for  
tooling change-overs



View real-time production data  
straight from the line



Gather real-time data from  
machine sensors



Cloud access to your latest project  
and asset documents



Virtual line walkthroughs and risk-free  
operator training



Consolidated analytics for your  
entire production facility



Individualised employee  
performance data app



Used for worker guidance and remote  
design approval

ODIN MANUFACTURING ECO-SYSTEM

"Passionate about technology  
focused on people."



JENDAMARK  
T E C H | P E O P L E



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