

# Our Major References

**Dow Kokam (Midland, MI, U.S.A.)**  
600MWh/yr Midland Battery Park Project  
- Coaters, Slitters, Punchers (with cleaning),  
Pouching forming, Tab welding machines

**Kokam #2 Plant (Nonsan, Korea)**  
- Coaters, Slitters, Punchers, Electrode Cleaning  
Machines

**Kokam #1 Plant (Nonsan, Korea)**  
- Lithium battery Cell Assembling Line

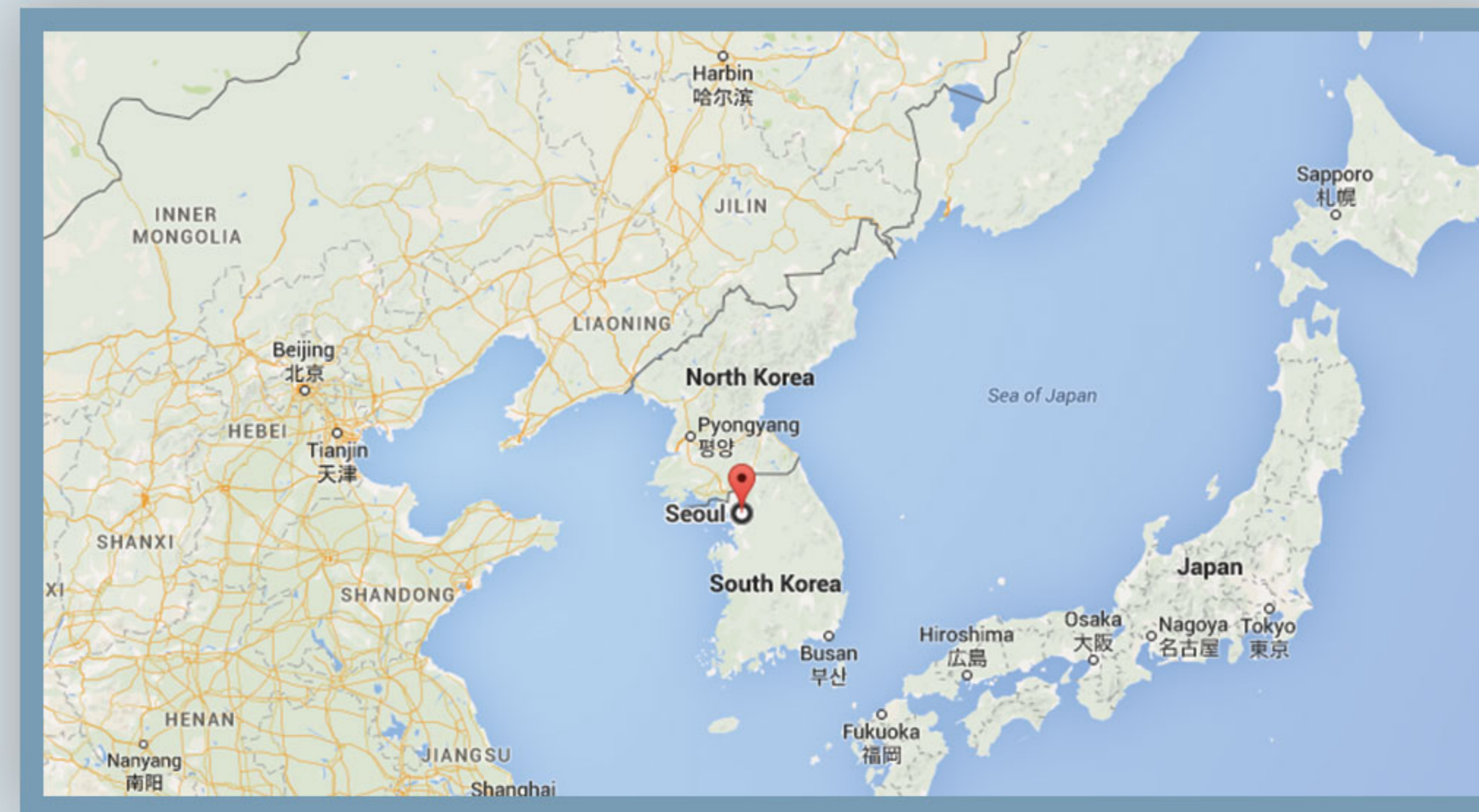
**Magna (Aurora, ON, Canada)**  
- Coaters, Slitters, Punchers (with cleaning)

**Dow Kokam (Lee Summit, MO, U.S.A.)**  
- Pilot Coater, Slitter, Cell Assembling Line



**Advanced TECHNOLOGY for the Planet**  
The proven solution  
for the secondary battery manufacturing plants

Venture Business confirmation  
INNO-BIZ confirmation  
PATENT Number : 10-1044635  
PATENT Number : 10-1034850  
Corporate R & D Center certificate  
ISO9001 & ISO14001



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## We Build and Provide

Secondary Battery Manufacturing Equipment  
and automation solution (Electrode coating,  
slitting, punching, cleaning machines &  
pouch forming, tab welding systems)  
Factory Automation Equipment and solution  
Web Winders



“ Save your precious time!  
We are experienced and skillful!  
We do know what the battery production is  
and do have expertise!  
We pursuit transparent business for you!  
For your cost effectiveness &  
maximum efficiency! ”





## Substrate Slitting Machine

Our slitting machine slits coated substrate in 2 or 3 stripes. It rewinds cut stripes on the rewinding shafts with perfect edge control by EPC controlled unwinding unit.



## Cell Assembly Machine

Our Cell Assembling Machine is a complete integrated line and it builds pouched type cells. We have complete solution for the pouched typed lithium battery cell assembling throughout electrode stacking, pouching forming, electrolyte filling, tab welding and pouch sealing with all essential in-line test instruments.



## Electrode Coating Line

- Unwinder
- Web Accumulator
- Coating #1
- Drying Chamber #1
- Coating #2 (For both sides simultaneous coating)
- Drying Chamber #2
- Web Accumulator
- Rewinder

Our electrode Coater is a complete integrated line and it coats electrode slurry onto any required substrates (like aluminum or copper etc.) through doctor-blade type coating T-die and dry the coated substrates thoroughly with MIR heaters in dry chambers.

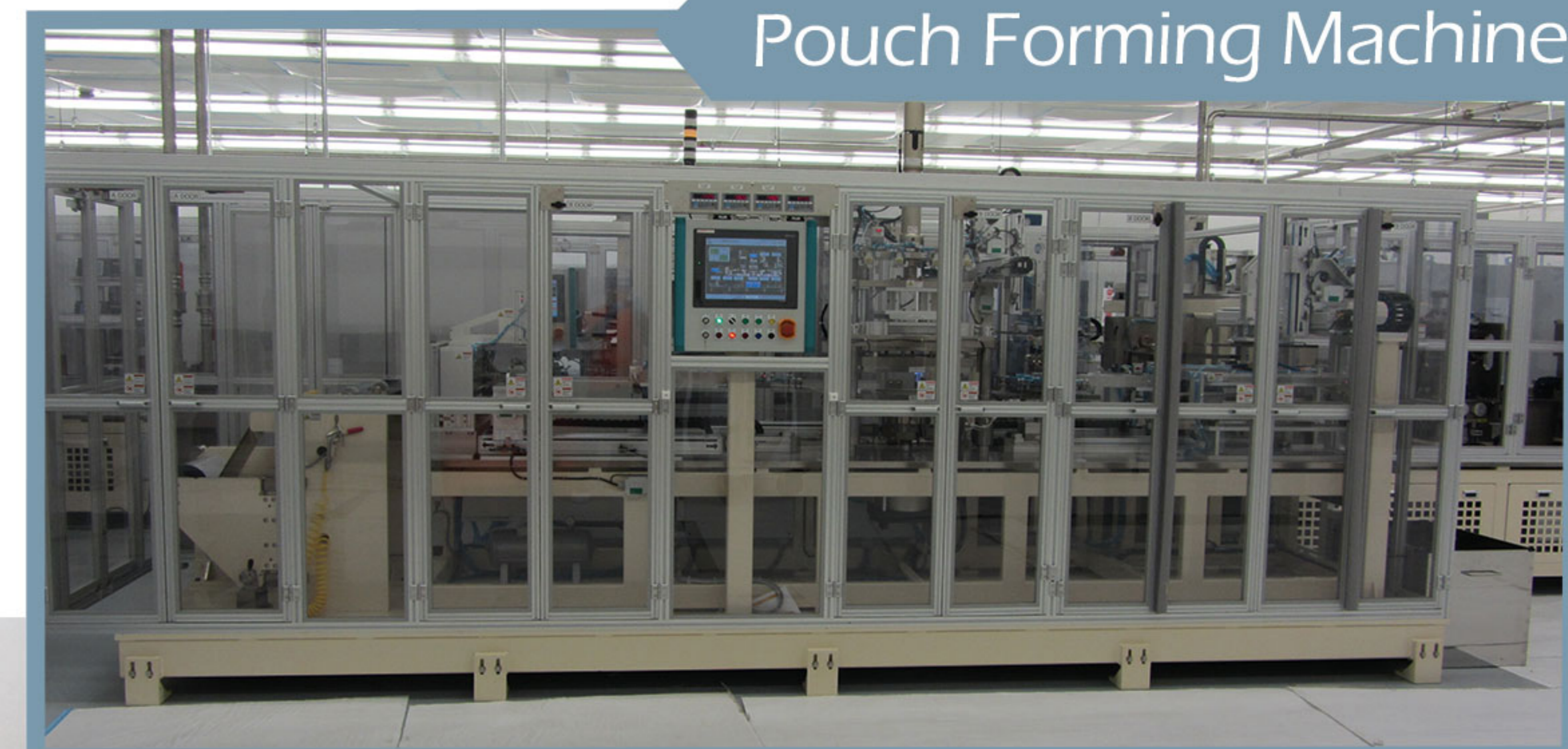
We are building a mezzanine structured both sides simultaneous coating line and a tandem structured 2 steps coating line as well in order to respond different requests from many clients.

## Electrode Punching Machine

Our electrode punching machine punches electrodes in required sizes with Thomson cutting and cleans cut electrodes with brushing and vac. suction system patented.



## Pouch Forming Machine



## Electrode Stacking Machine Patented

