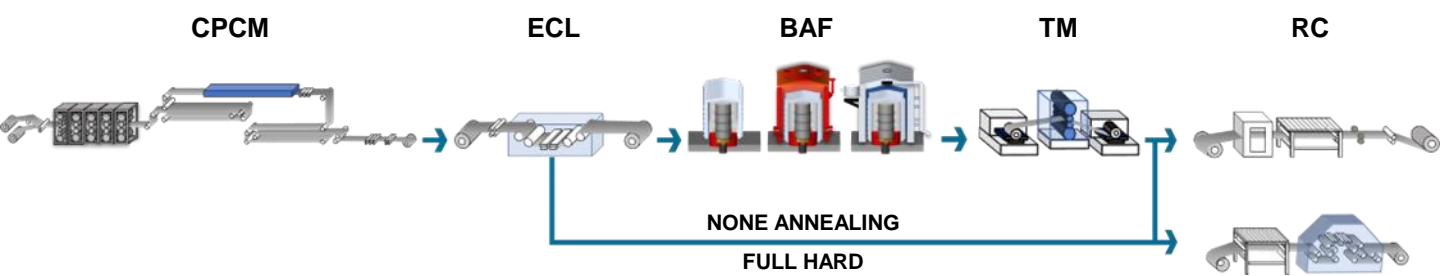


PRODUCTS & SERVICES

MANUFACTURING PROCESS



CPCM



ECL



BAF



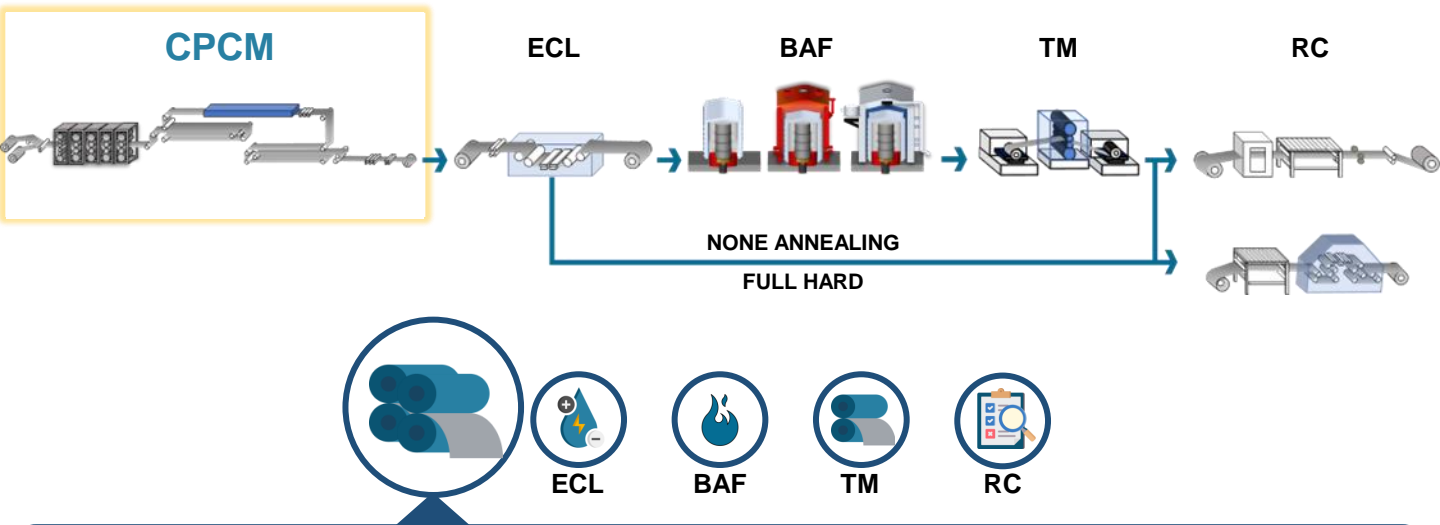
TM



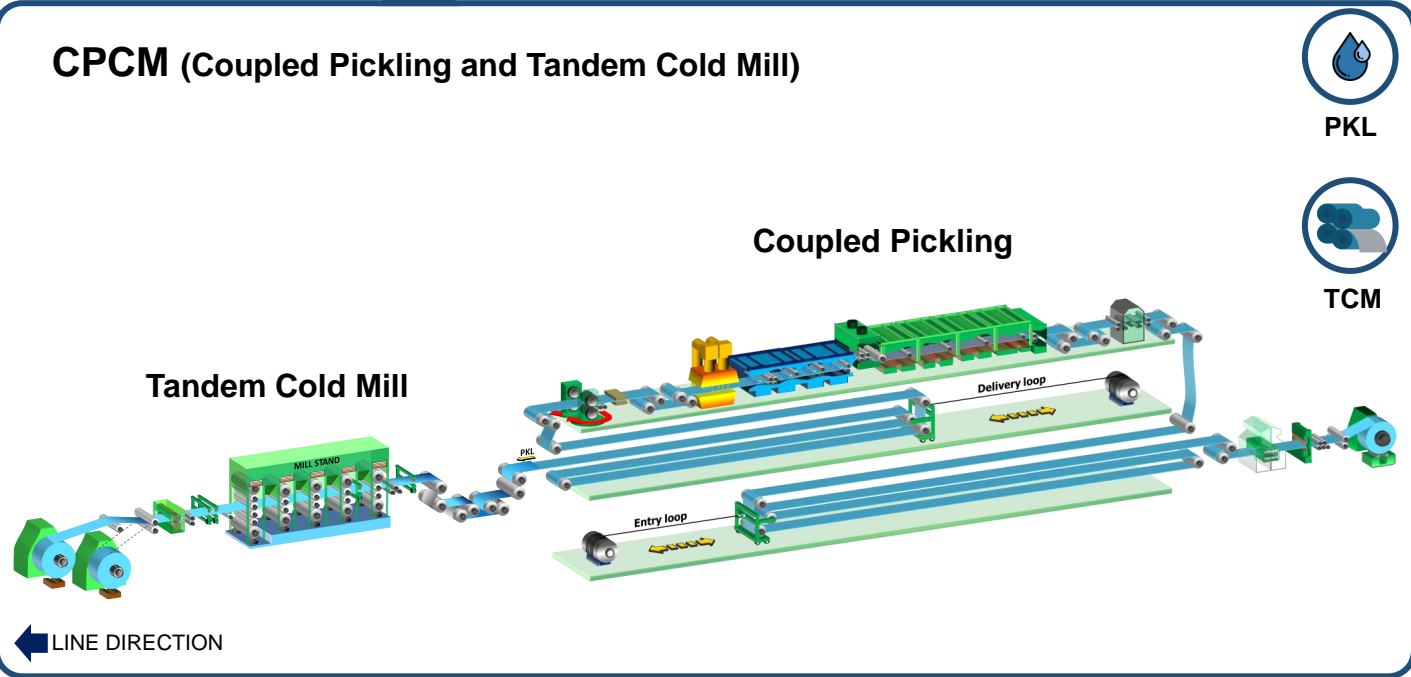
RC

PRODUCTS & SERVICES

MANUFACTURING PROCESS

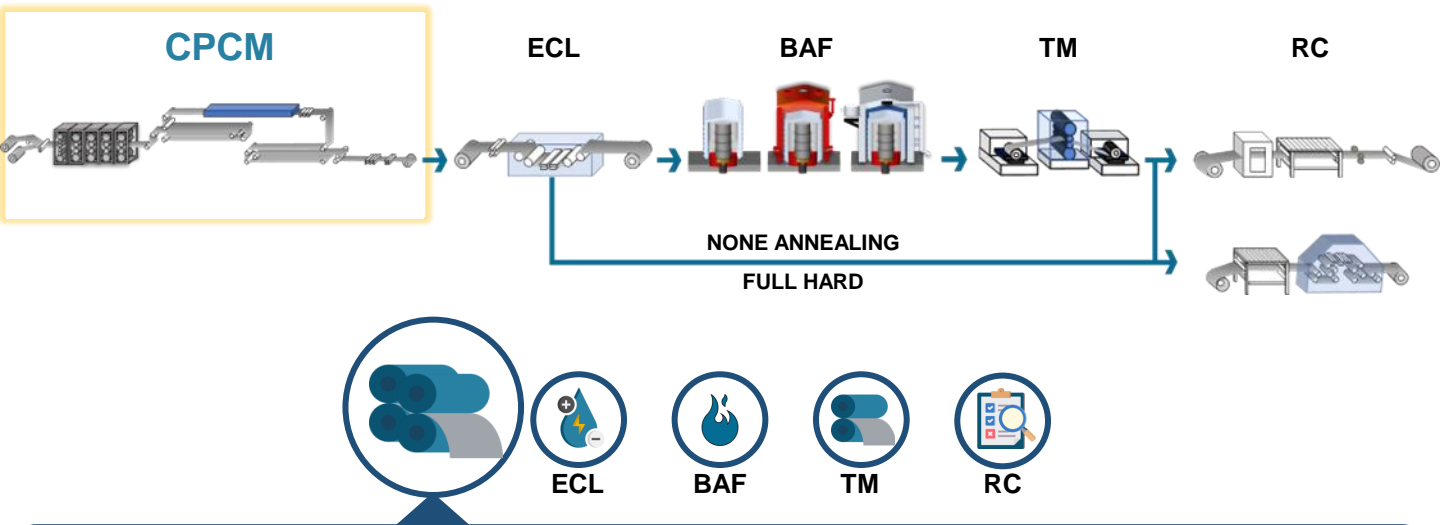


CPCM (Coupled Pickling and Tandem Cold Mill)



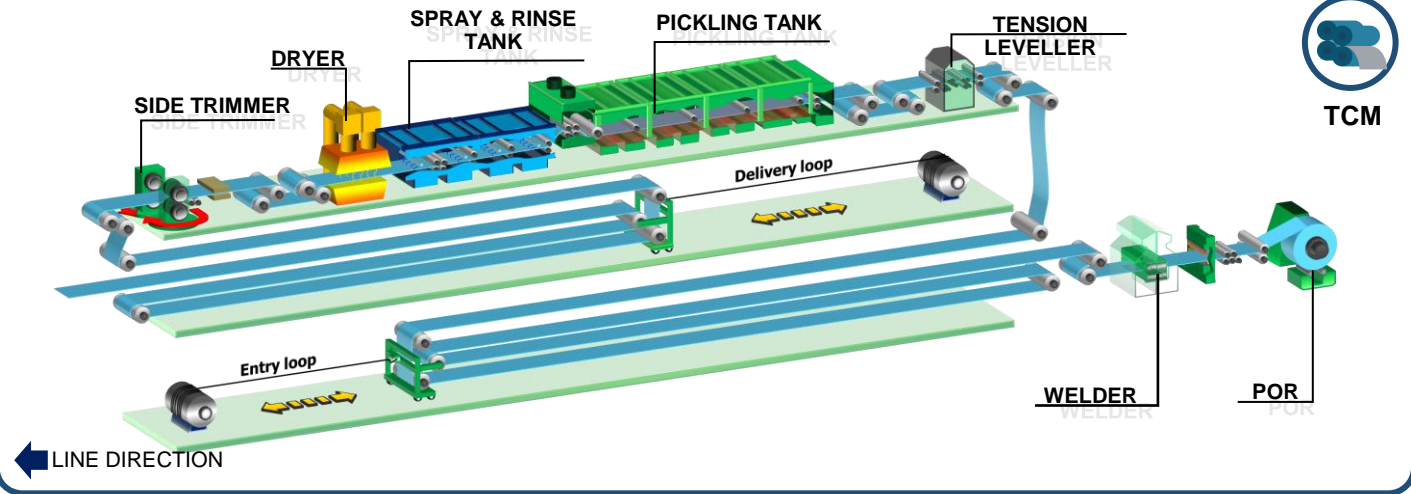
PRODUCTS & SERVICES

MANUFACTURING PROCESS



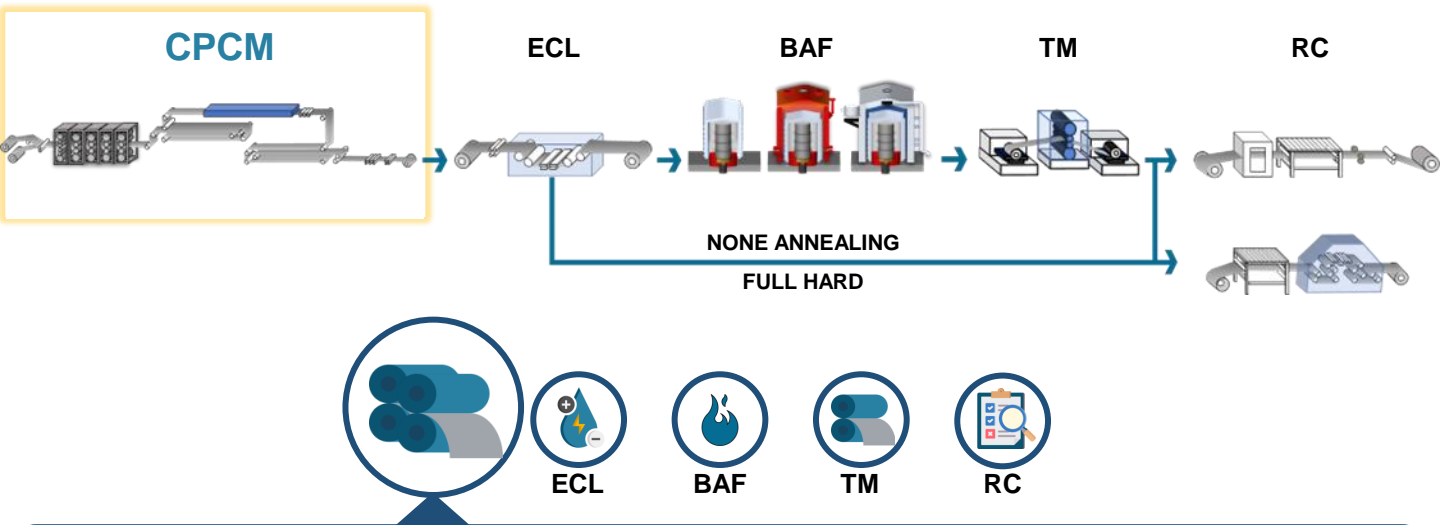
Coupled Pickling line

- Function :
- Descaling of iron oxide on the surface of hot-rolled coils by using HCL acid.
 - Edge trimming is performed according to customer requirements.



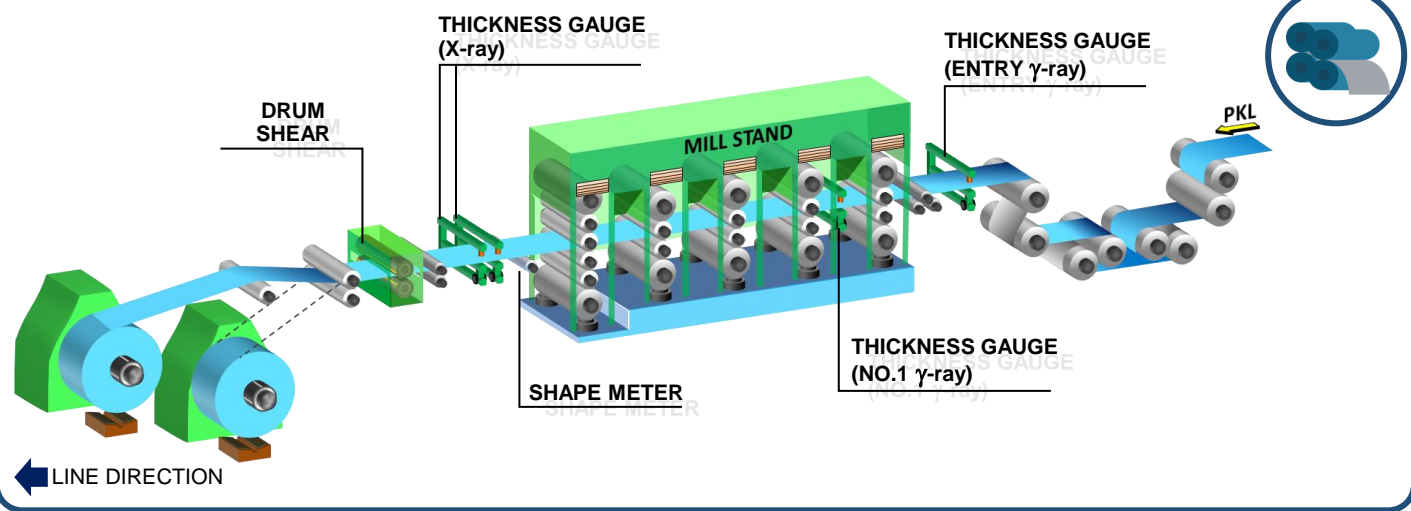
PRODUCTS & SERVICES

MANUFACTURING PROCESS



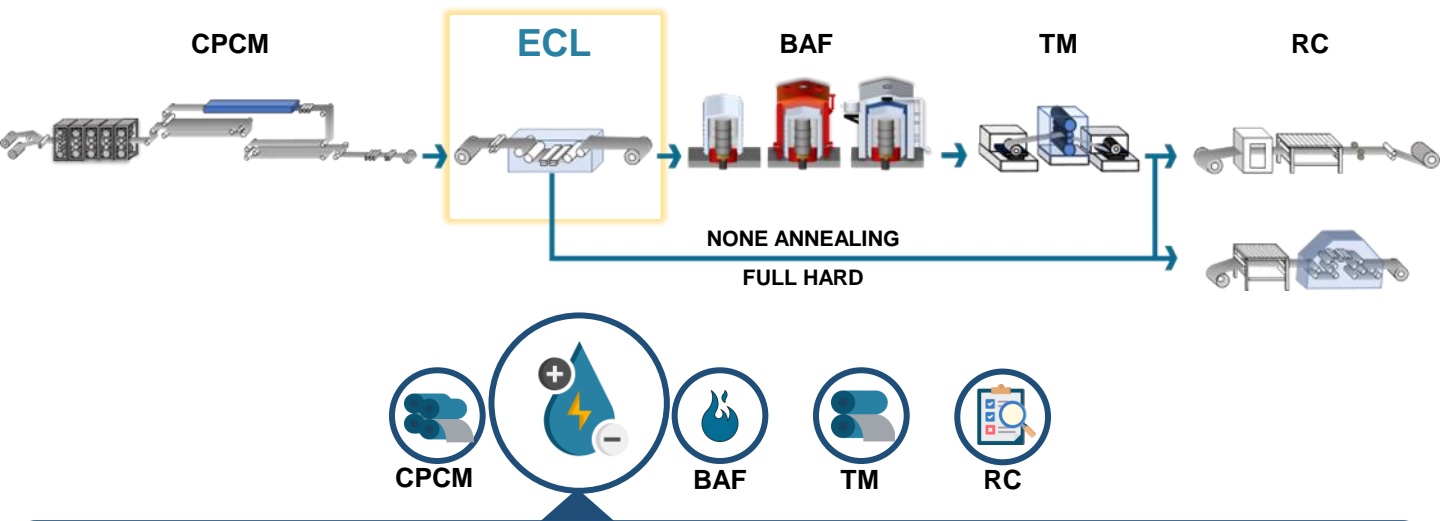
Tandem Cold Mill

Function : • The mill has advantage of hi efficiency re-rolling hot strips to the required thickness.



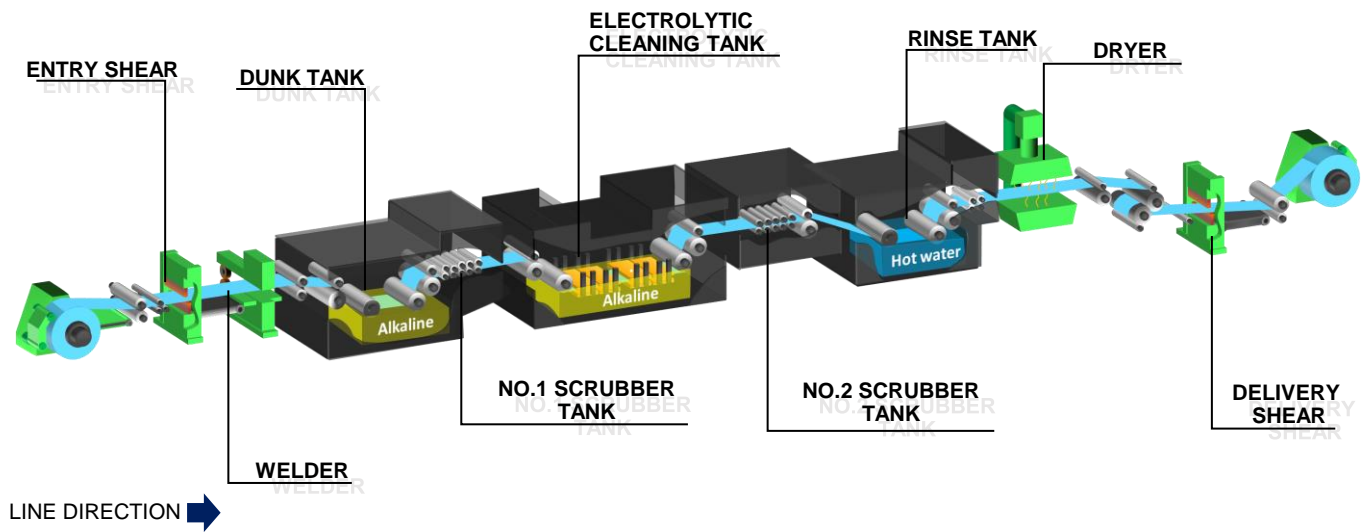
PRODUCTS & SERVICES

MANUFACTURING PROCESS



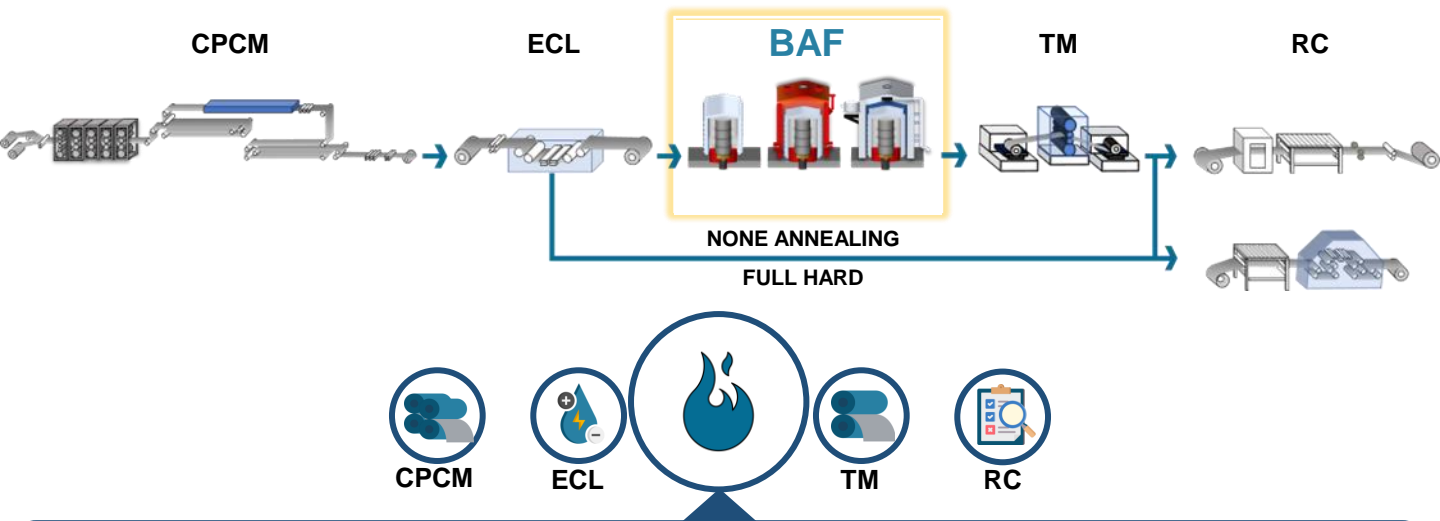
ECL (Electrolytic Cleaning Line)

Function : • Electrolytic cleaning to remove the cold rolling lubricant from the strip.



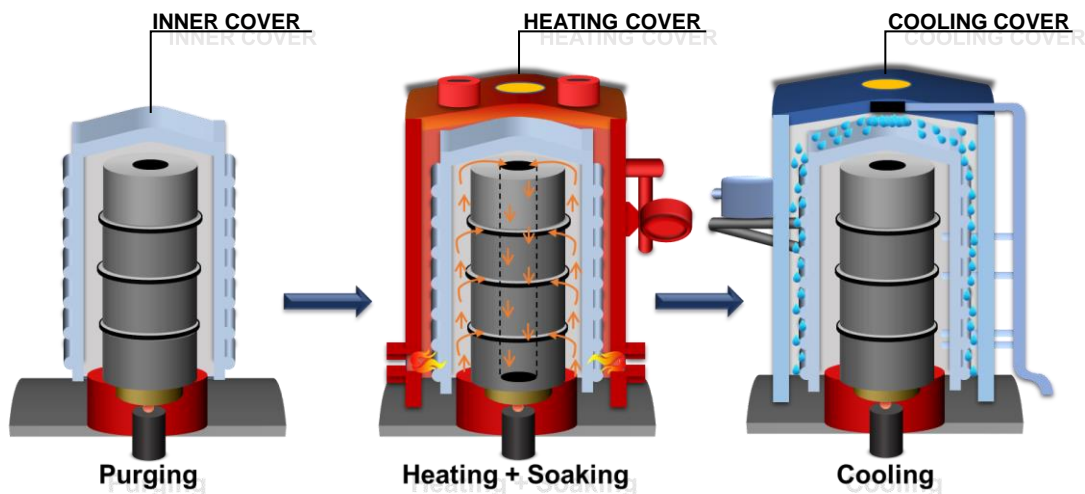
PRODUCTS & SERVICES

MANUFACTURING PROCESS



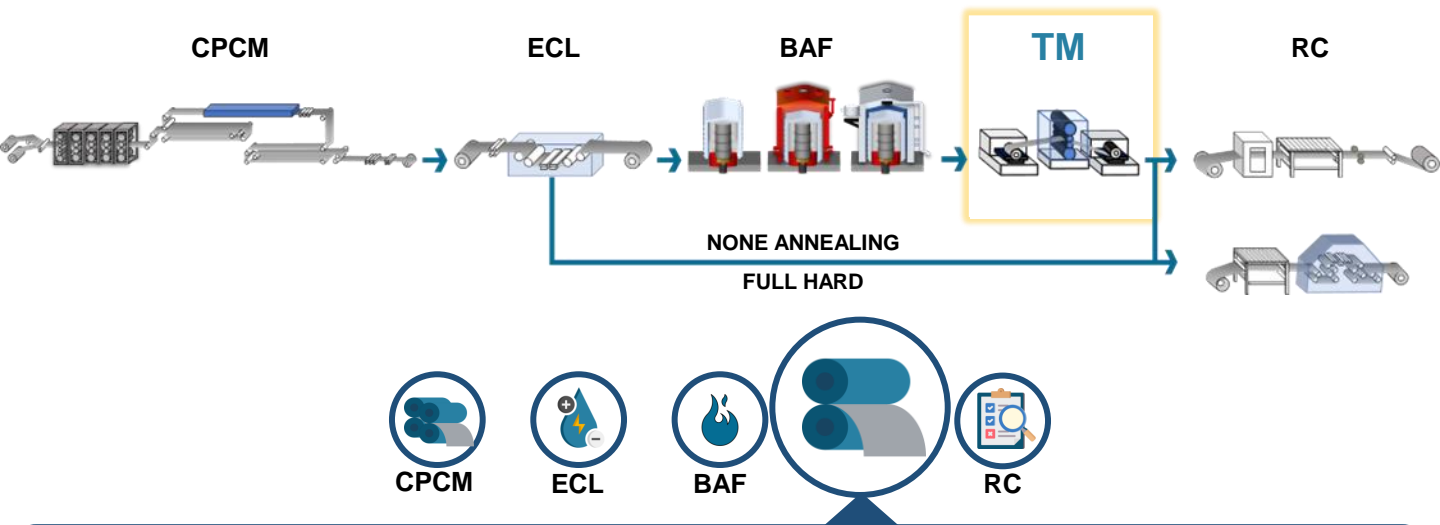
BAF (Batch Annealing Furnace)

- Function :
- Annealing to obtain the desired microstructure and improve mechanical properties.
 - Applying 99.99% Hydrogen atmosphere annealing facilities.



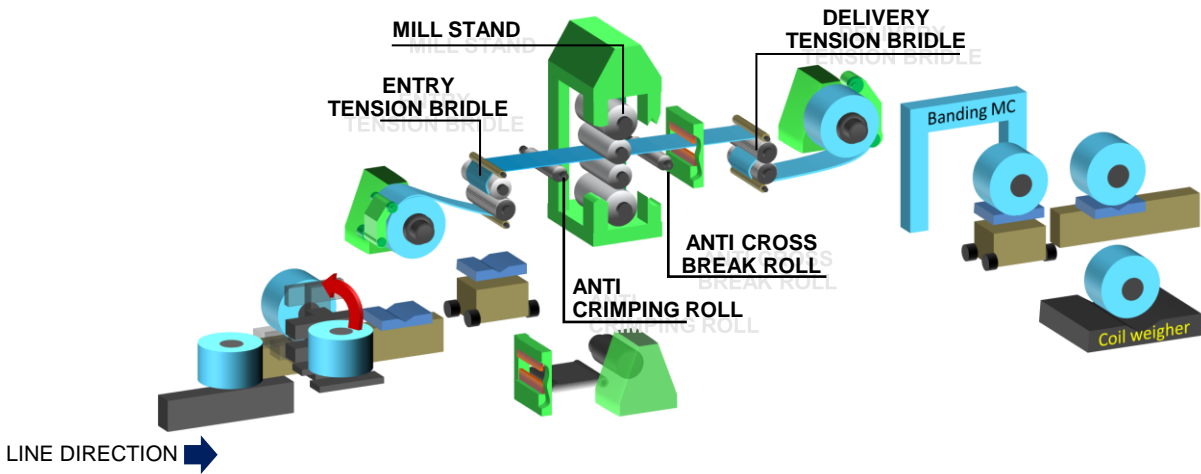
PRODUCTS & SERVICES

MANUFACTURING PROCESS



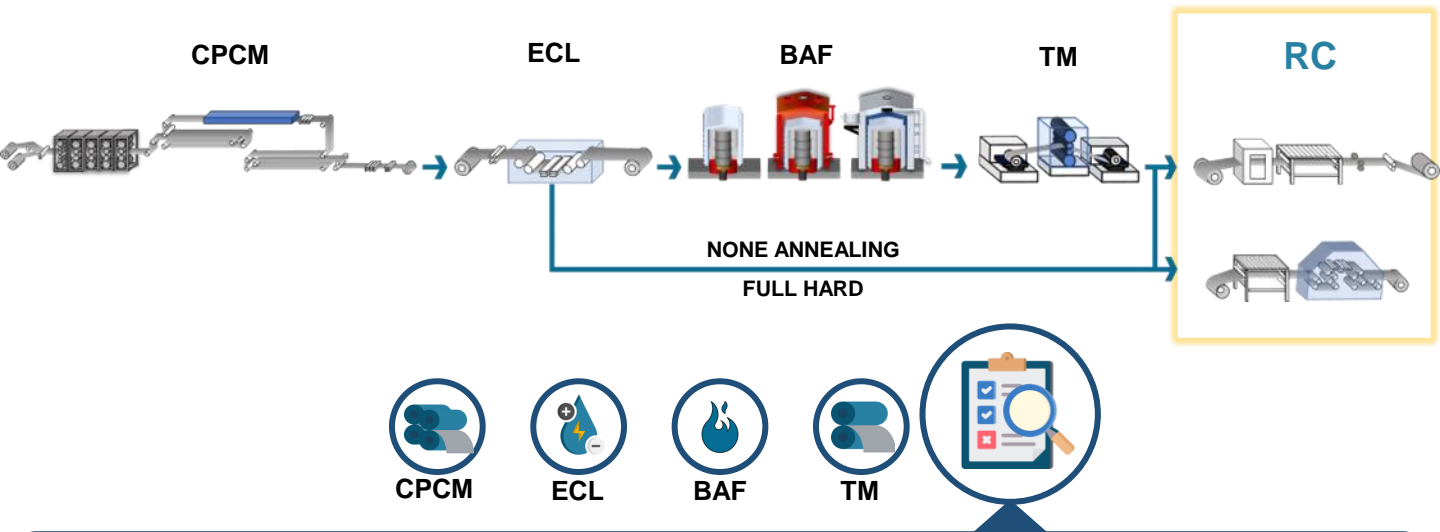
TM (Temper Mill)

- Function :
- Re-rolling to eliminate yield point elongation, improve strip flatness and to impart the desired surface finish.
 - Prevent the occurrence of stretcher strains during forming and deep drawing.



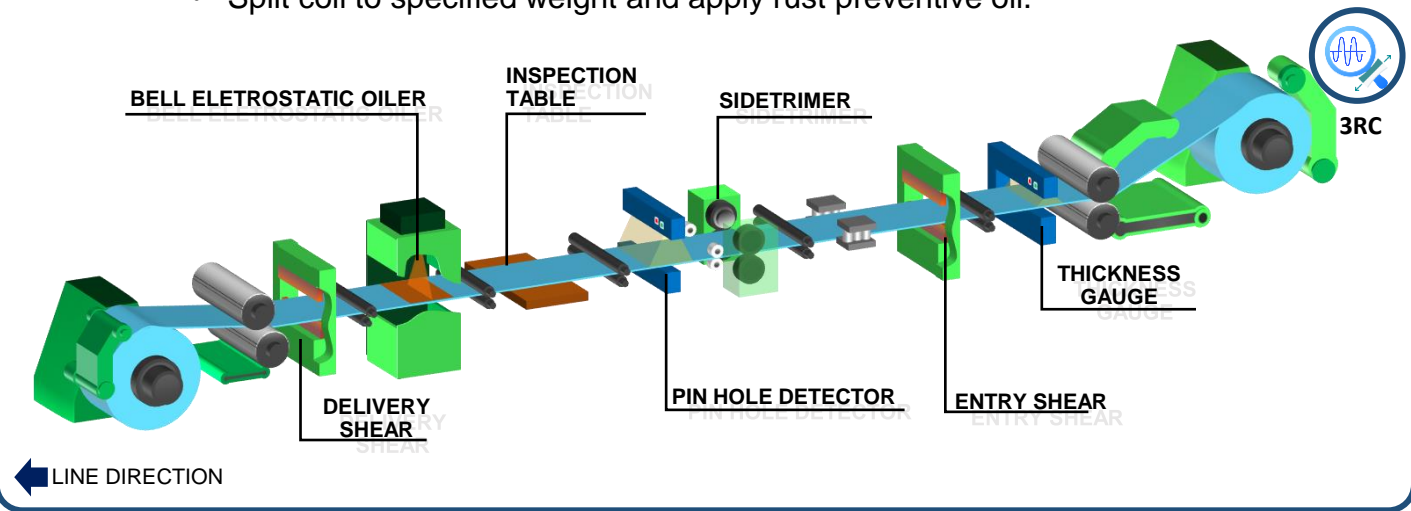
PRODUCTS & SERVICES

MANUFACTURING PROCESS



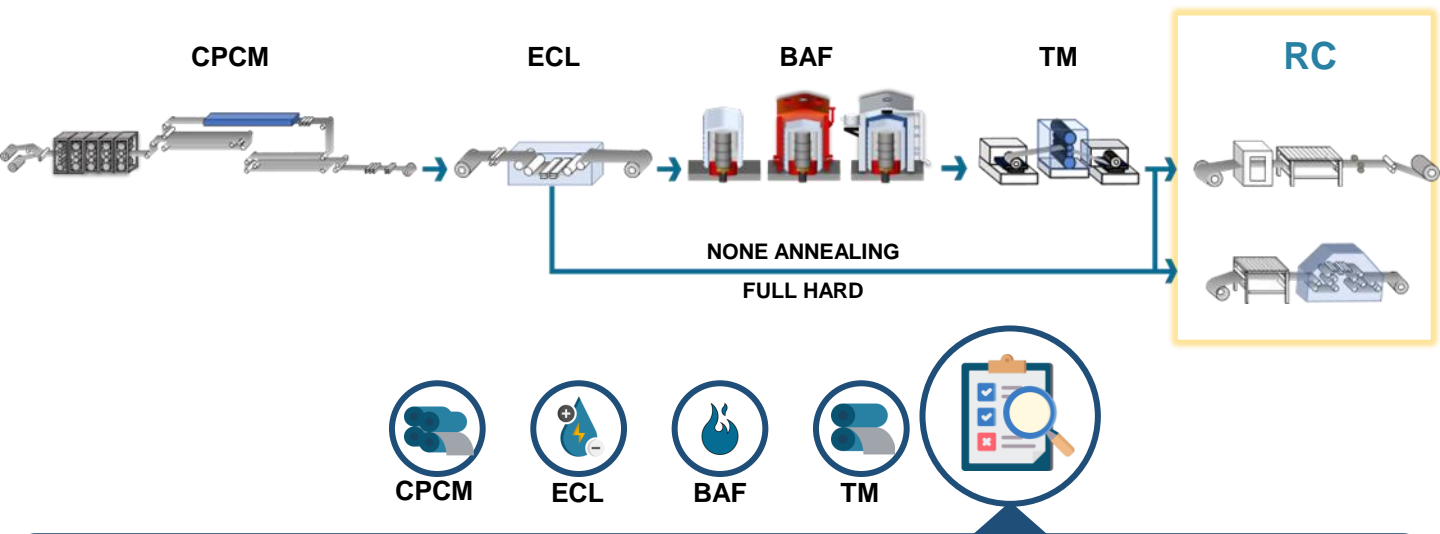
1RC (Re-Coiling line)

- Function :
- Inspecting coil dimensions, strip surface condition and flatness.
 - Edge trimming is preformed customer requirement trim.
 - Split coil to specified weight and apply rust preventive oil.



PRODUCTS & SERVICES

MANUFACTURING PROCESS



3RC (Re-Coiling line)

- Function :
- Inspecting coil dimensions, strip surface condition and improve flatness.
 - Edge trimming is preformed customer requirement trim.
 - Split coil to specified weight and apply rust preventive oil.

