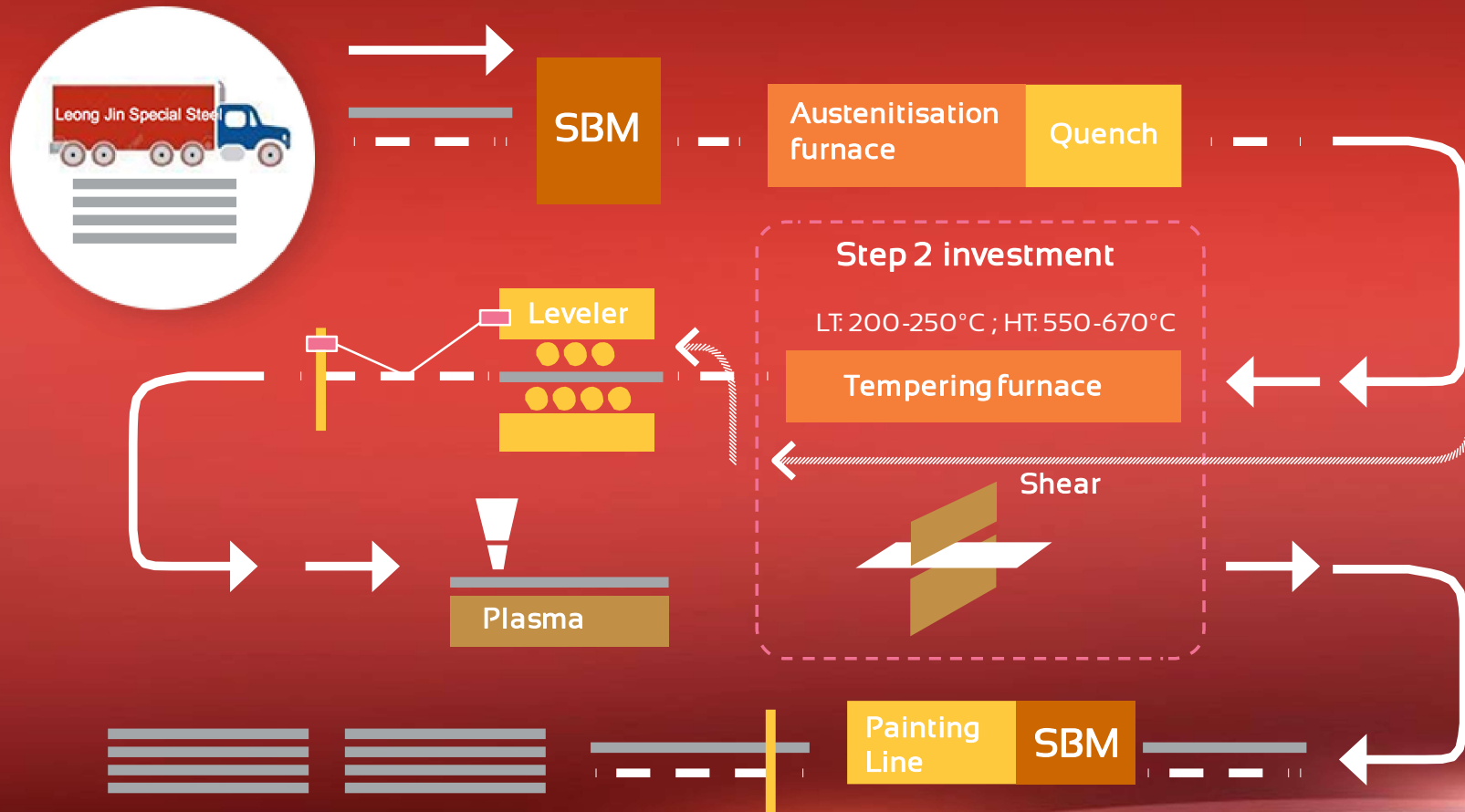
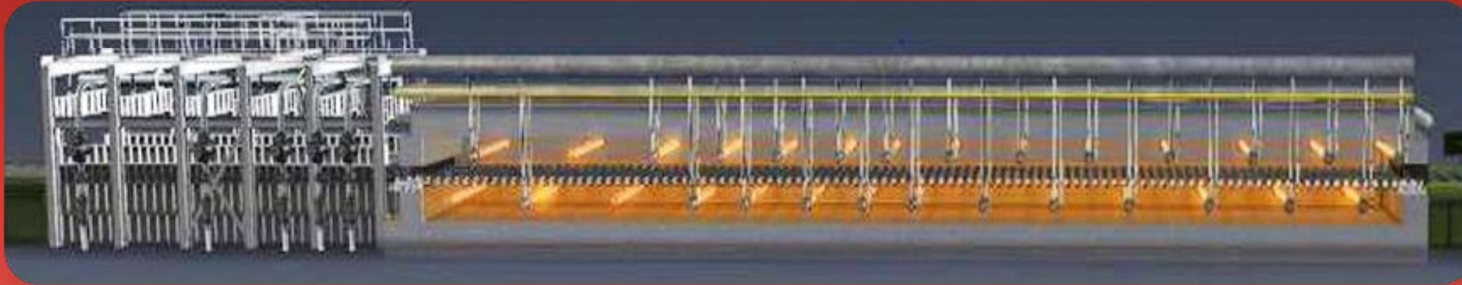




**Q&T PROCESSING AT
LEONG JIN SPECIAL STEEL**

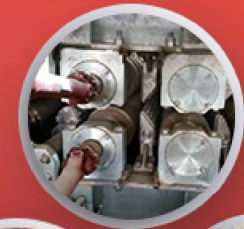


Austenitization Furnace (length of furnace 50m)

Controlled oxygen-free atmosphere guarantees high precision and temperature stability. Heat control is being ensured through regenerative burners encapsulated in radiant tubes.

Roller Type Quench

New cutting edge design and technology for improved quench precision and control. Special features implemented into the high and low pressure zones for improved uniformity of plate flatness and mechanical properties.



STATE OF THE ART HEAT TREATMENT LINE

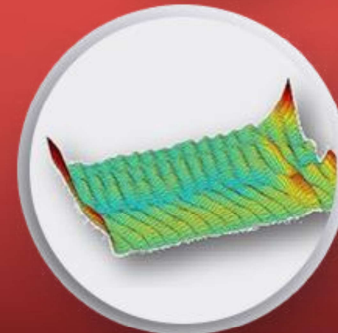
Capability to level plates in thickness from 3.0 – 12 mm.
Max leveling force: 14 000 kN

Individual driven and adjusted work rolls allow to maximize plate plasticity ratio.

Hydraulic gap control cylinders provides improved control possibility and higher loads to be applied.

Equipped with a 3D on-line high precision flatness gauge control systems, it tracks and records the plate flatness after each pass.

Leveler supplied by Danieli
Flatness gauges supplied by ShapeLine



HIGH PERFORMANCE LEVELER

Shot Blasting Machine

Secures fresh and clean plate surface prior to heat treatment.

Supplier: Rösler (Austria)

Two Plasma Cutting Machines

HRP 400 XD finejet plasma systems, 400 ampere.

Supplier: Messer (Germany)

Complete Preservation Line

Shot blasting – Painting – *Brand marking
RTO plant – for thermal combustion of organic emissions (VOC), and recapturing of energy.

Supplier: Rösler_ *Magnemag (Denmark)



AUXILIARY MACHINERY