



VACUUM DEGASSER (VD/VOD)

Ladle capacities ranging from 20 to 210mt.

Technologies & Benefits:

Optimized calculation of suction capacity for pump down and deep vacuum control.

Reliable design and operation, maximizing process efficiency.

Tailored solutions to work within existing plants and customer requirements.

Dry mechanical pumps or steam ejectors for vacuum generation.

Fixed or moveable roof designs.

Single or twin tank configurations.

Level II automation for consistent operation.



LADLE FURNACES

SARRALLE LF with capacity range from 20tn to 320tn powered with transformer from 8 to 30 MVA.

Technologies & Benefits:

Robust & maintenance-friendly design.

Robust durability of components.

High efficiency and maintenance-friendly current conducting electrode arms.

Compact gantry design for easy maintenance, reduced electrode breakage and space requirements.

Modular roof design including an independent top section to reduce air intake around the electrodes.

Quick roof exchange based on Sarralle's fork-type roof lifting system.

SARCON electrode regulation similar to EAF platforms.

Automatic argon coupling for increased operator safety.

Level II automation for consistent process optimization.

Single & Twin ladle station possibilities.

VACUUM INGOT CASTING (VIC)

The Vacuum Ingot Casting process is applied to produce forging ingots of 100-800 metric tons. Steels for the production of such ingots should contain very low hydrogen level, typically below 1ppm.

Technologies & Benefits:

Customized equipment solutions to allow operators to combine several smaller heats into a large ingot.

Degassing of the steel concurrently takes place under vacuum during the casting process.

Can work in combination with existing standard degassers prior to final the vacuum ingot casting process.

The ingot mold is safely and securely located on the bottom of the tank.

