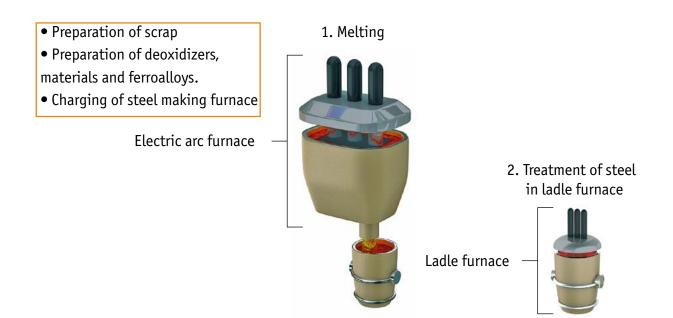
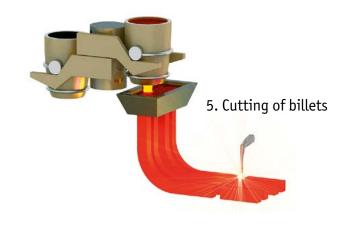
Steel Melting and Casting Flowchart



3. Vacuum degassing (applicable for high grades of steel)



4. Continuous steel casting. Production of square and round billets



6. Cooling and marking of billets*



7. Acceptance of billets, heats. Delivery to storage or shipment



*Turning of round billets is performed if required.

Controlled parameters:

scrap weight, chemical composition and sizes; materials gravimetric and chemical composition, humidity, weight; metal temperature; vacuum degree, cooling regimens, casting rate; cut length and quality; billetwise traceability, outside surface, geometric sizes, billet quality, macrostructure.