

Analyzing the US Steel Mill Products Market

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Abstracts

The steel industry is critical to the U.S. economy. Steel is the material of choice for many elements of construction, transportation, manufacturing, and a variety of consumer products. Traditionally valued for its strength, steel has also become the most recycled material, with two-thirds of U.S. steel now produced from scrap.

In the United States, two methods are used to produce steel: the ore based, or integrated process, and the scrap based, or electric arc furnace process. Two different approaches are used to prepare semifinished billet: the integrated process, which uses a blast furnace, and the minimill, which uses a direct electric arc furnace. Once steel is in the semifinished state, further processing is required in both the minimill and the integrated steel-making process.

The manufacturing process of steel uses a complex series of capital-intensive unit processes to produce value-added, high-quality steel. Annual production of an integrated steel mill is three to five million metric tons. The integrated mill represents several billion dollars of capital investment, which has typically been funded over several generations. Only 21 integrated steel mills remain in operation and are located in the Great Lakes region near sources of iron ore, coal, and water.

Aruvian's R'search's report on Analyzing the US Steel Mill Products Market is a complete guide to all the recent developments going on in the industry, along with an in-depth analysis on market statistics, market structure, competition in the industry, import/export statistics, product segmentations, market subdivisions, and where the US Steel Mill Products Market stands on a global scenario, and much more.

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