



## DRAGON STEEL

### DEVELOPMENT OF THE COMPANY

Dragon Steel Corporation (DSC) was established in 1993. In 2004, the corporation, whose original name was Kuei Yi Industrial Co., Ltd., was renamed "Dragon Steel Corporation" with a capital increase and became a 100% wholly-owned subsidiary of China Steel Corporation in 2008.

DSC is located in Taichung. It upholds the values of teamwork, entrepreneurial approach, down-to-earthness, and pursuit of innovation and is dedicated to technological improvement, continuous environmental protection, energy saving, and value creation. Its vision is to become a world class steel manufacturing base.

### BRIEF INTRODUCTION OF OPERATION

DSC is the only wholly integrated steel plant with both an electric arc furnace and two blast furnaces in Taiwan. Its main facilities were designed by adopting the latest, highly efficient, and environmentally-friendly designs. The main facilities of the blast furnace production line are two blast furnaces with the annual production capacity of 5,000,000 metric tons, three basic oxygen furnaces and a hot rolling mill with the annual production capacity of 4,000,000 metric tons. The main facilities of the arc furnace production line are a DC arc furnace with the annual production capacity of 1,000,000 metric tons and an H beam mill with the annual production capacity of 600,000 metric tons. The accumulated annual production capacity amounts to over 6,000,000 metric tons of crude steel.

The types of steel which DSC's blast furnaces produce include general carbon steel, structural steel, high-strength low alloy steel, etc. They can be widely applied for the production of high-pressure gas containers, high weathering containers, automobile structures, etc. It can also produce general structural steel with the specifications of the largest hot-rolled thickness and width in the CSC Group; this type of product possesses stability, good thickness, width, and sectional dimension precision. It is also the only subsidiary that has a tension leveling and finishing production line in the CSC Group and can supply hot-rolled steel with high quality, precision, and flatness to the downstream producers.

The electric arc furnace produces narrow steel plates and H beams with high strength, toughness, a low yield ratio, and seismic resistance. The specifications of DSC's H beams are the largest in Taiwan. DSC's narrow steel plates have the advantages of reducing trimming in processing and loss of steel. In addition to the traditional production process of adding all scrap in making steel in the electric arc furnace, molten iron can also be added. Billets for the production of wire rods produced by this method have stable quality, formability, and allowance for customized composition specifications.

### PROSPECTS

In the future, DSC will continue to heighten the values of its products, promote green production, introduce the best production processes and technology, enhance the efficiency of energy utilization, integrate the needs of its customers, strengthen the advantage of quality services, be dedicated to environmental protection, fulfill its corporate social responsibility, and propel the upgrade of the steel industry in Taiwan.



An aerial photograph of the factory



Blast furnaces



H beams

Billets



Hot rolled coils

Steel plates