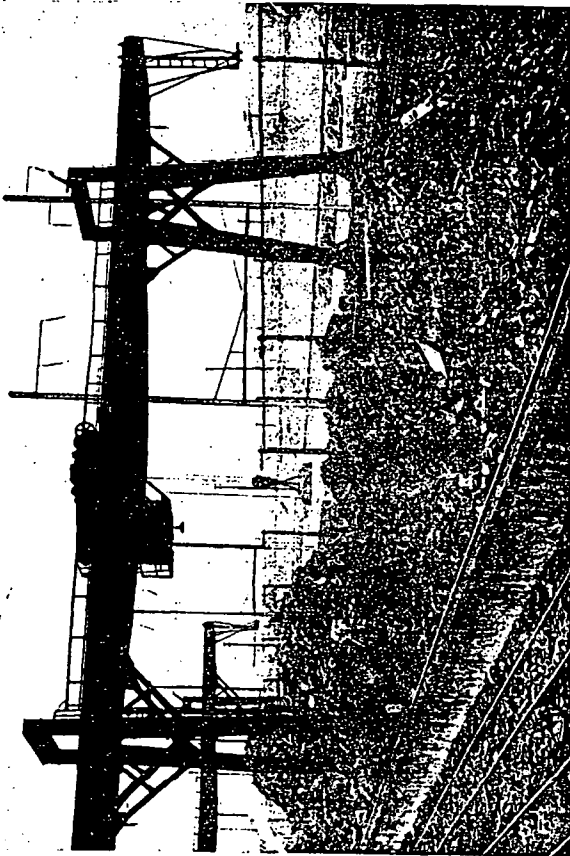




Tons of scrap metal to be used for making steel. Scrap is loaded onto cars, by means of magnet, seen hanging below crane's cab, and then transported to furnaces.

## STEEL IN THE MAKING

FIELD INSPECTION DIVISION  
BUREAU OF INSPECTION

**S**TEEL in the making is a more interesting story today than in the Middle Ages. Although modern chemistry has been applied to iron and steel there is as much magic surrounding them in our machine age as in the early centuries.

The making of steel is an ancient craft. It has been called the oldest art and the newest science. The pioneer fleeing to the deepest woods of



Charging machine shoving two-ton box of scrap into open hearth furnace.

the prairie relied upon an axe, a rifle or a plow. And in the Middle Ages when the smith worked with steel to make weapons and armor he was looked upon as a magician. Drawing a curtain over what is known of the chemistry and the advances made in metallurgy much of the magic and mystery of the making of steel still remains.

One could hardly imagine an industrial State, such as Pennsylvania, without steel. It is part of every phase of our modern industrial life. It forms the arteries of transportation, the structure of our buildings and the very bone and sinew of our cities are built on a framework of