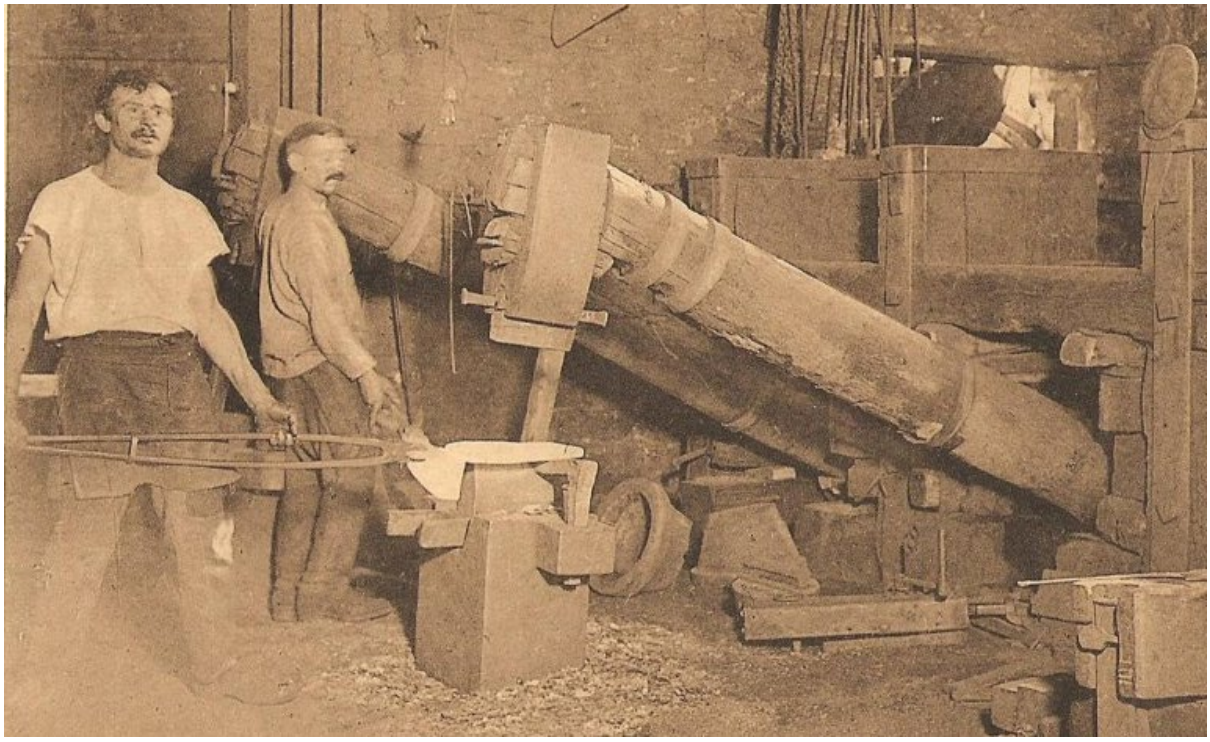
Fonte et fer forgé

INTRODUCTION AU FER

L'histoire du fer en Belgique - 17 images



urban.brussels

CLASSES DU PATRIMOINE & DE LA CITOYENNETE

Minerai de fer

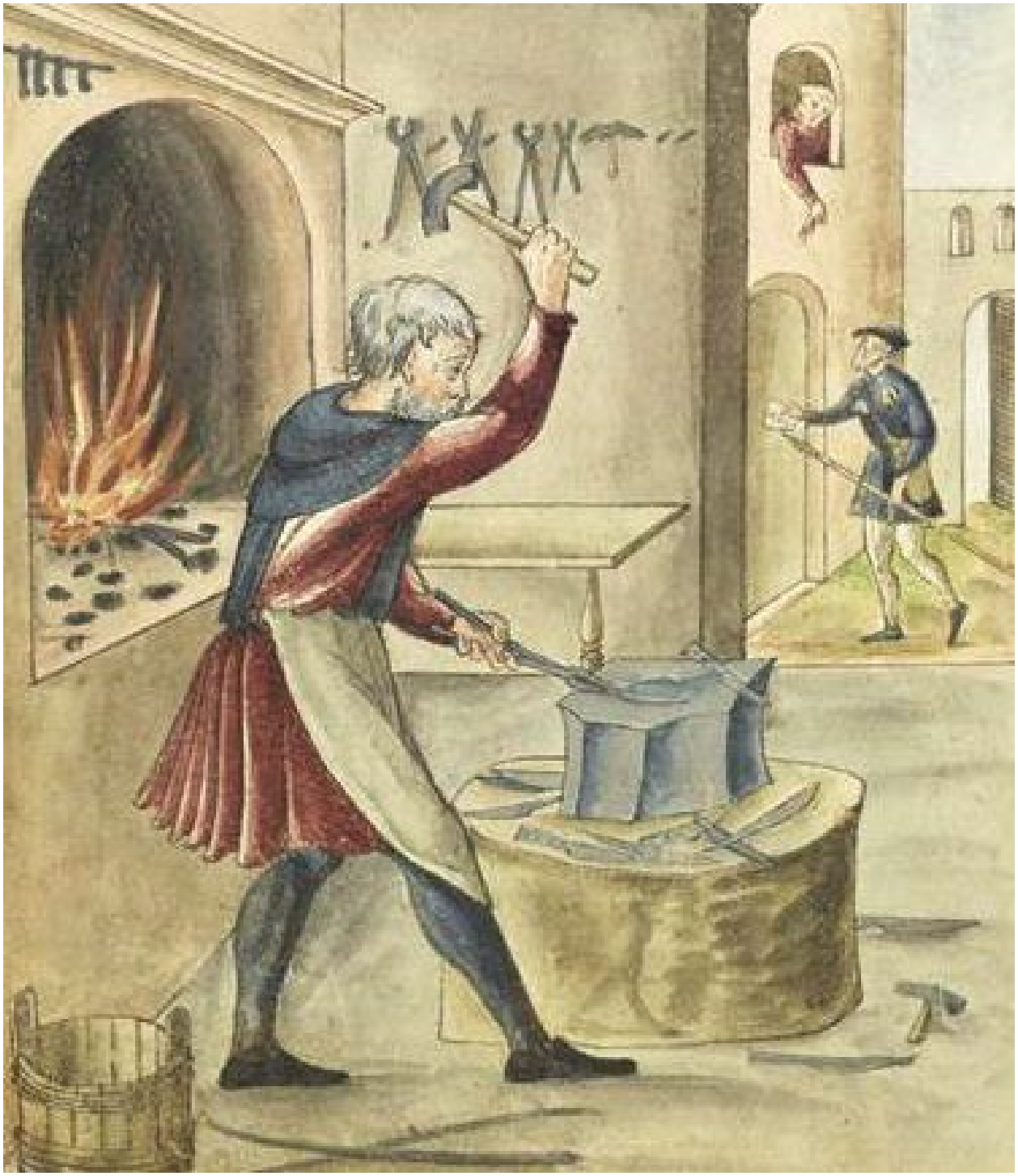
Charbon de bois

Bas-fourneau

Loupe de fer

Lingot de fer

Lingot façonné par le forgeron/ferronnier/ maréchal-ferrant



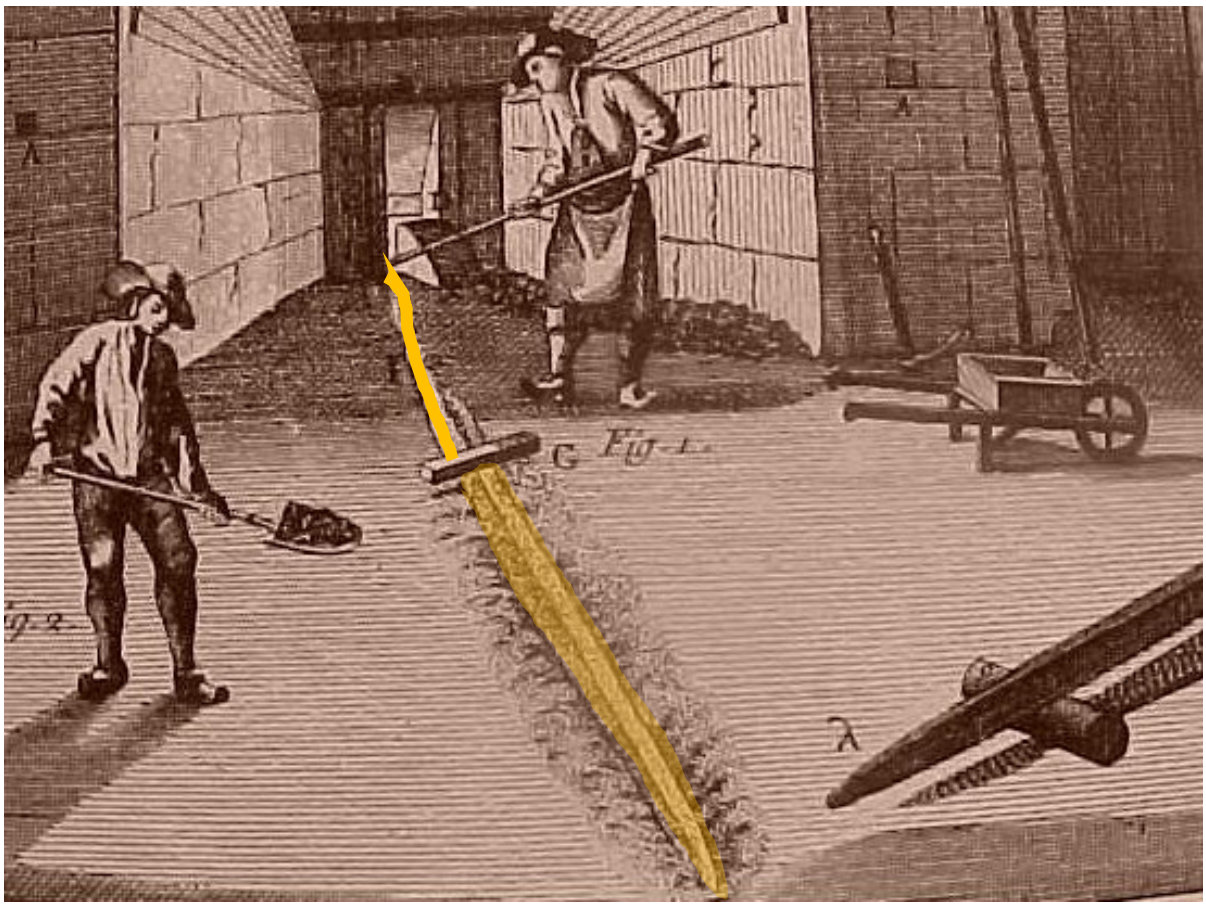
ancre

penture

Haut-fourneau

= fonte liquide

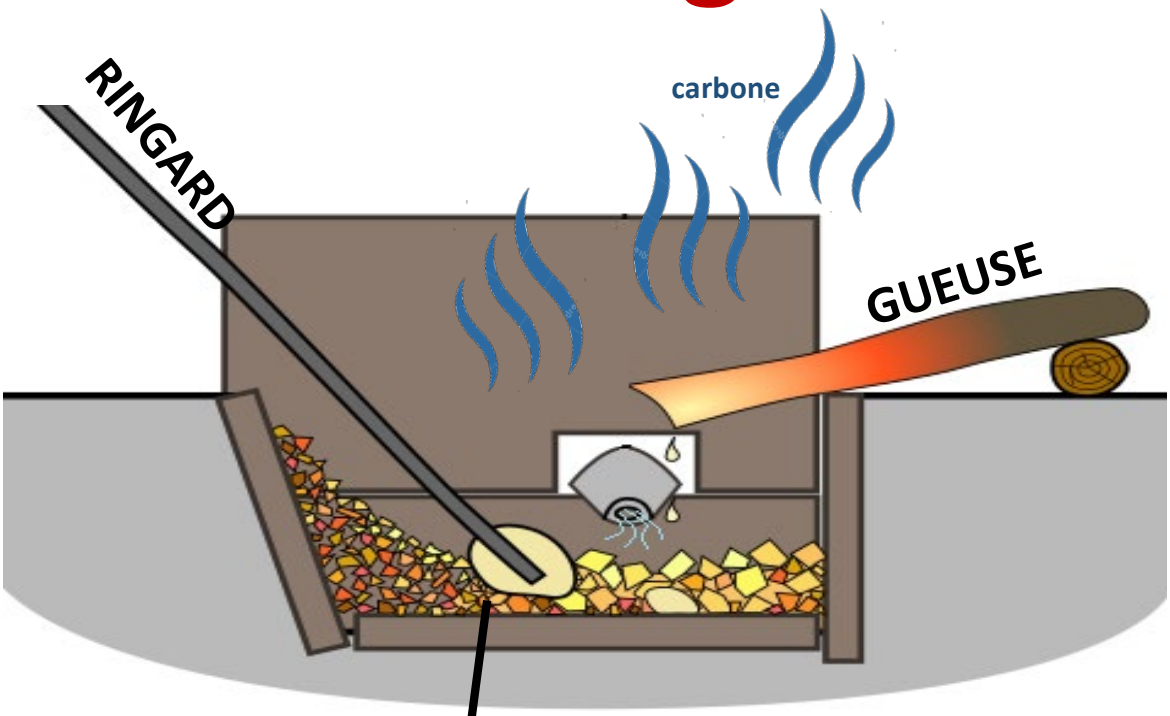
Gueuse

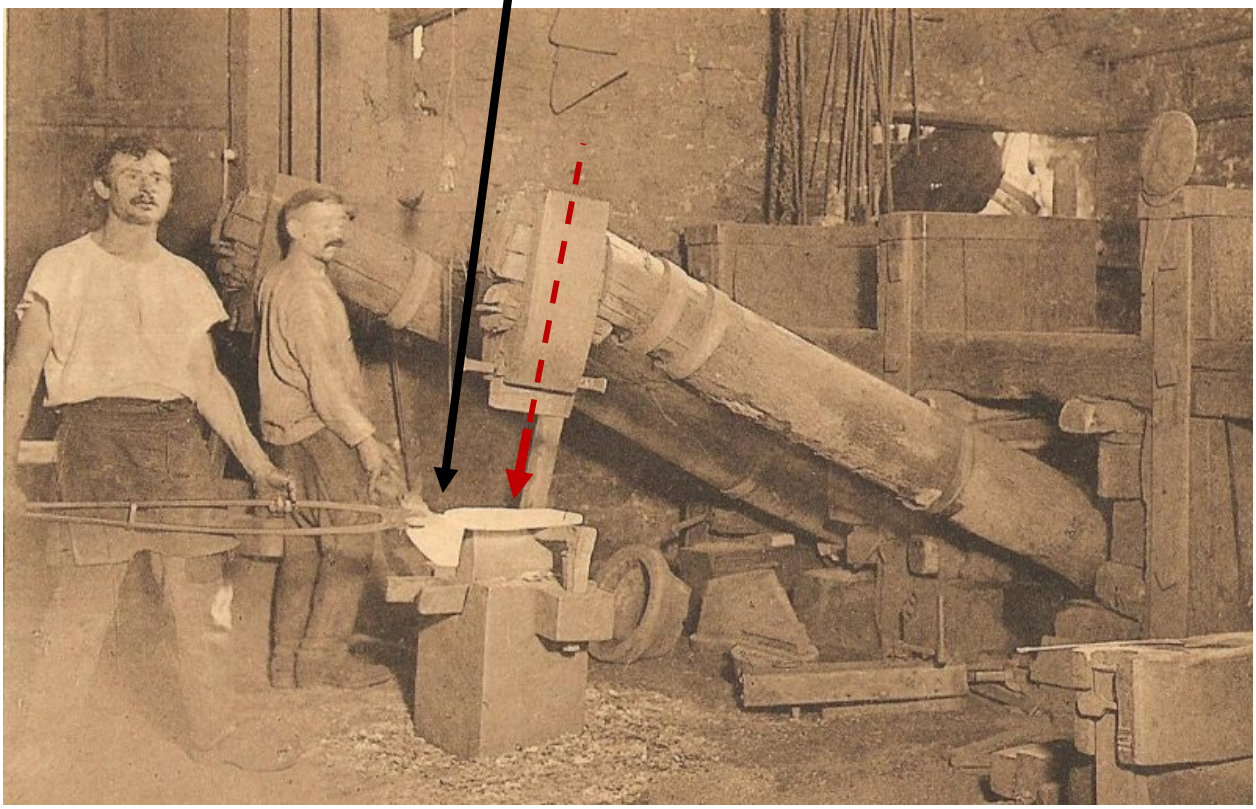


Fonte

Léonard Defrance, Intérieur de fonderie, vers 1790, MRBAB

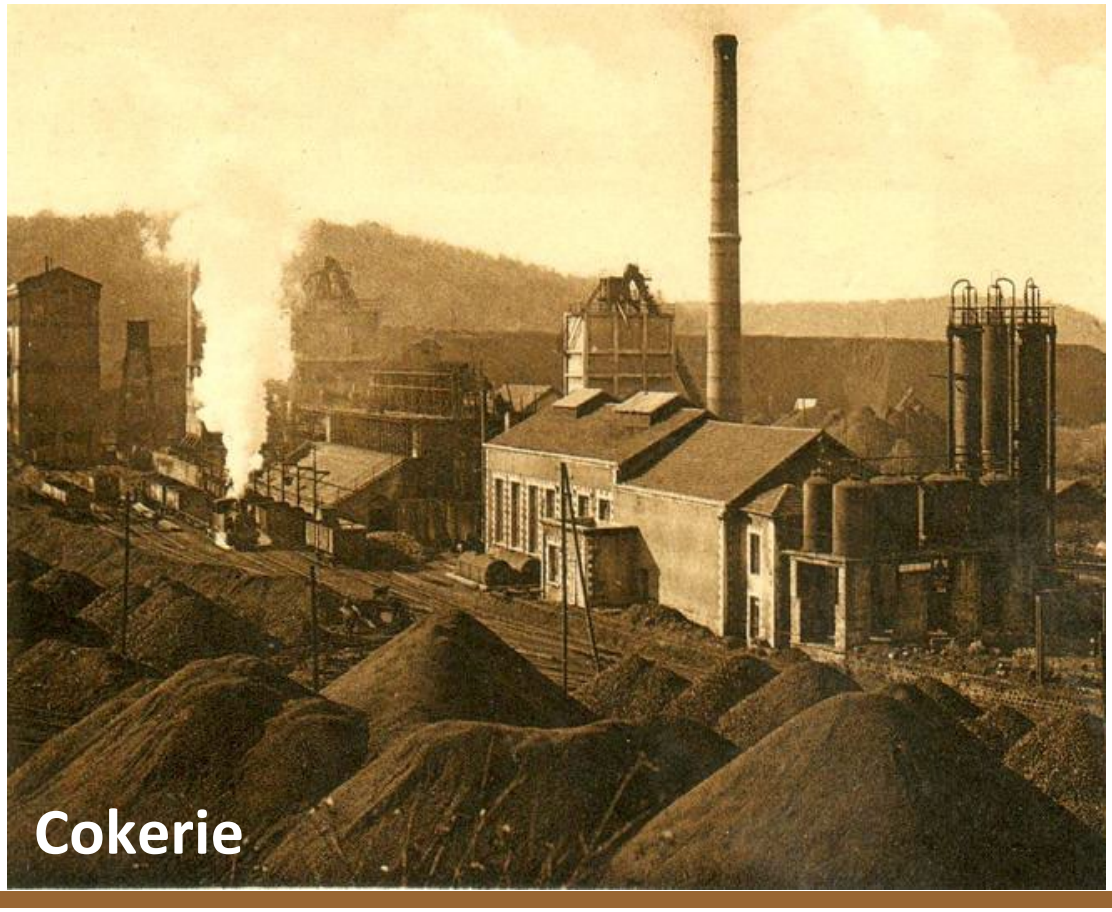
Affinage



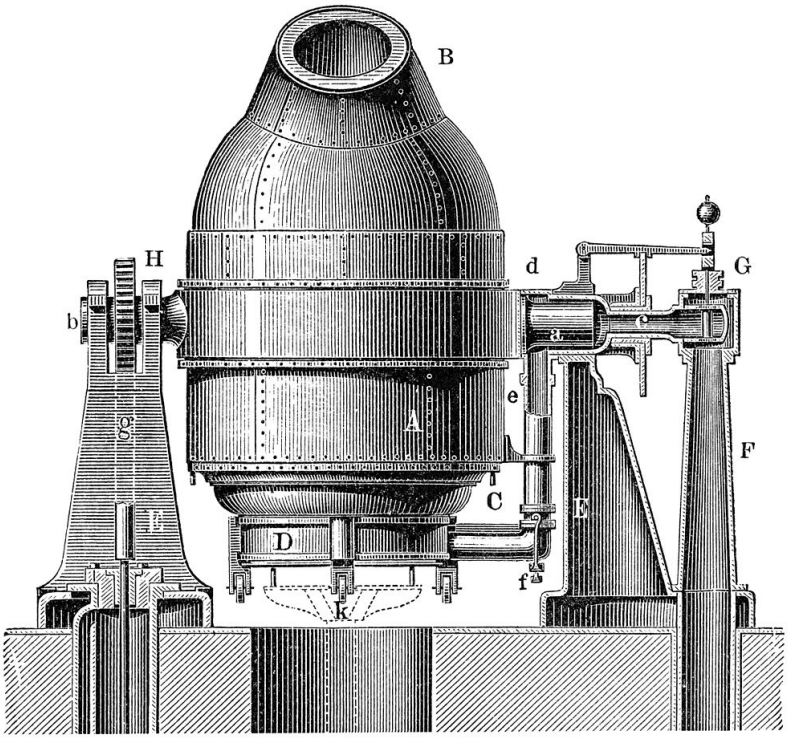


Joseph Wright of Derby, *Iron forge*, 1772

Nouveau combustible = le coke

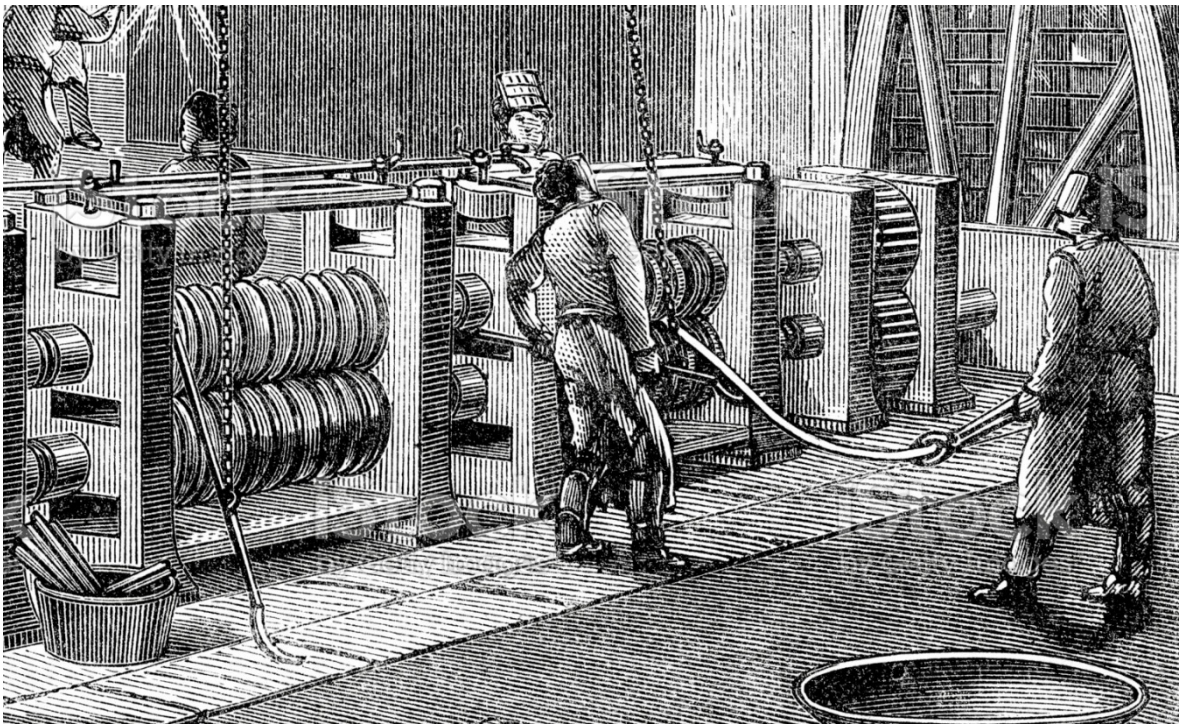


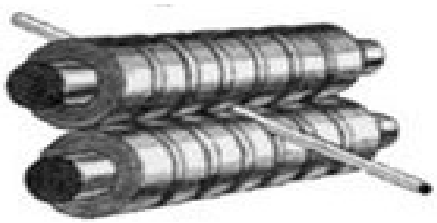
Nouveau four ► acier

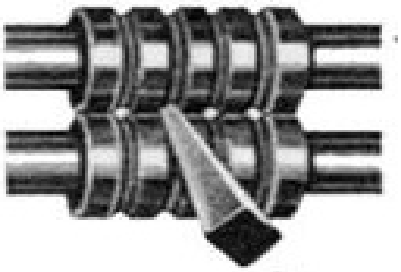


Constantin Meunier, *La coulée à Ougrée*, 1885-90 © Musée d'Art Wallon, Liège.

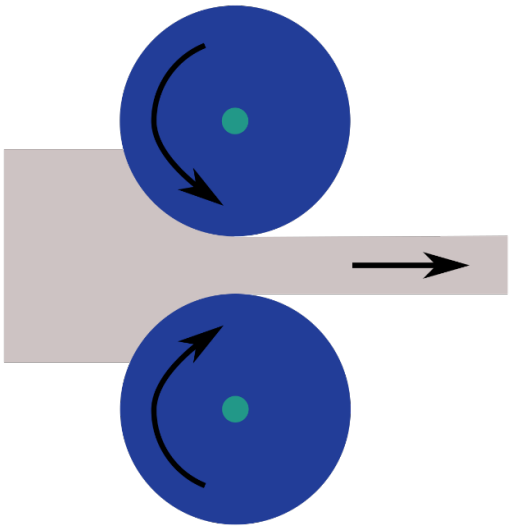
Laminage ► barres

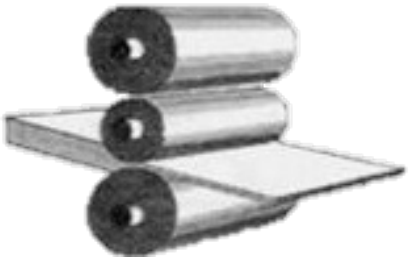






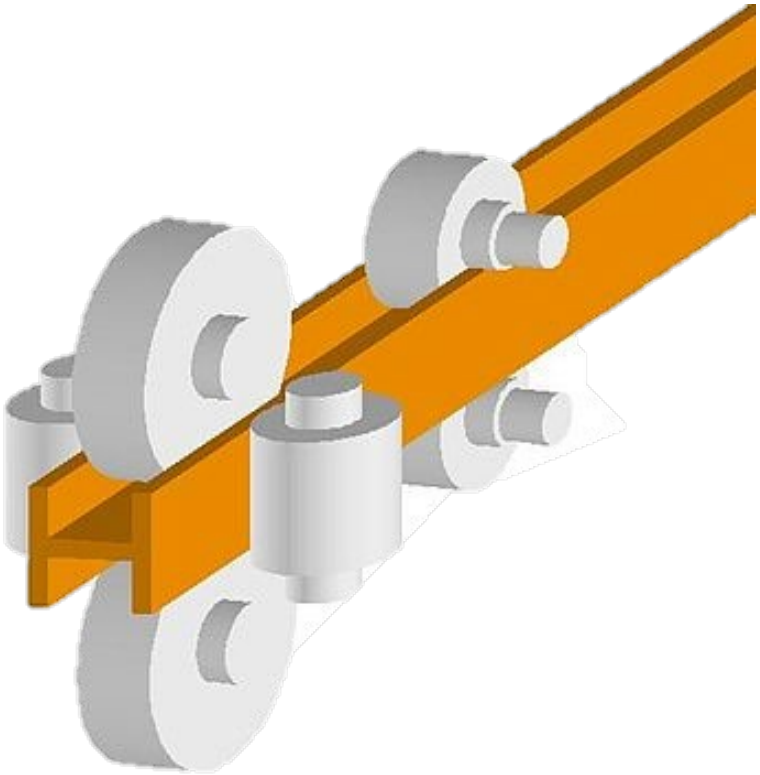
Laminage ► tôles

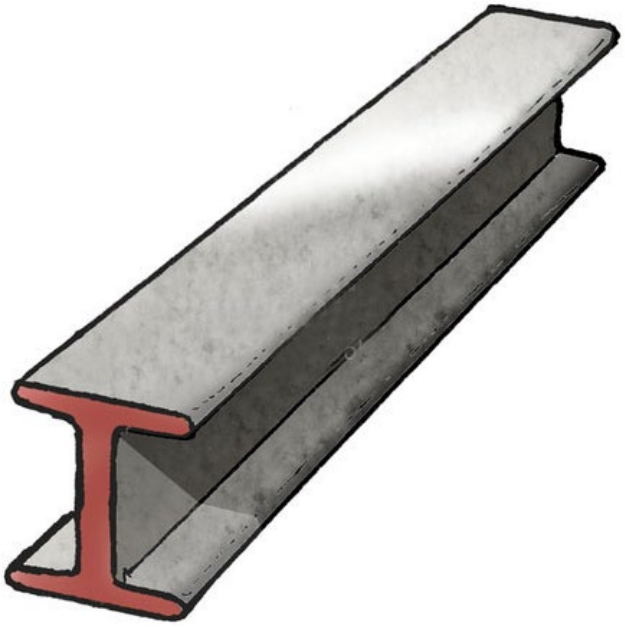
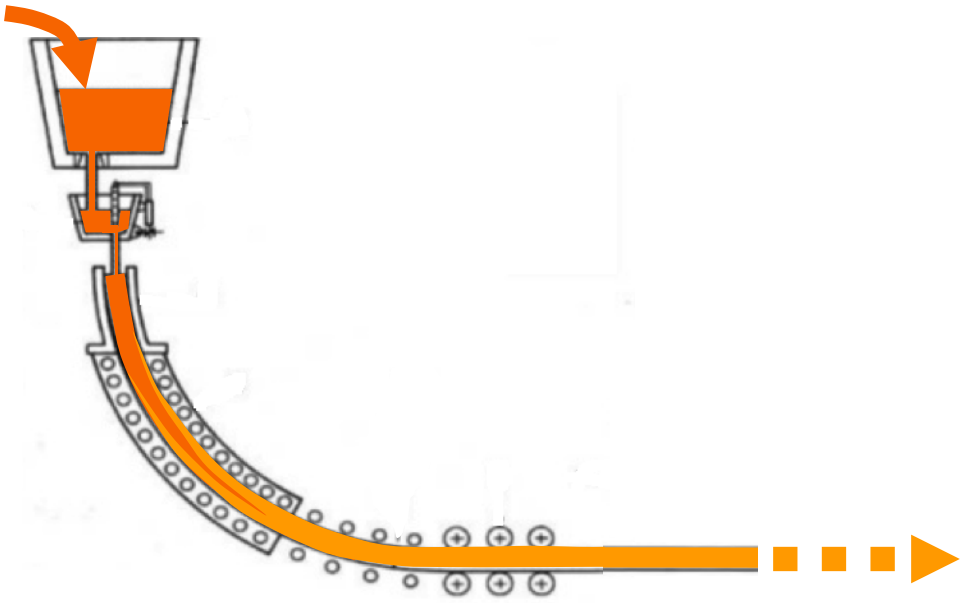




François Bonhommé, *Tôleries des forges d'Abainville*, 1837 (détail)
© Coll. Musée de l'Histoire du Fer Nancy-Jarville - C. Philippot

Laminage ► poutrelles





Nouveau procédé pour créer des pièces de grande dimension = la coulée continue