

NLB Steel Billet Descaling Systems

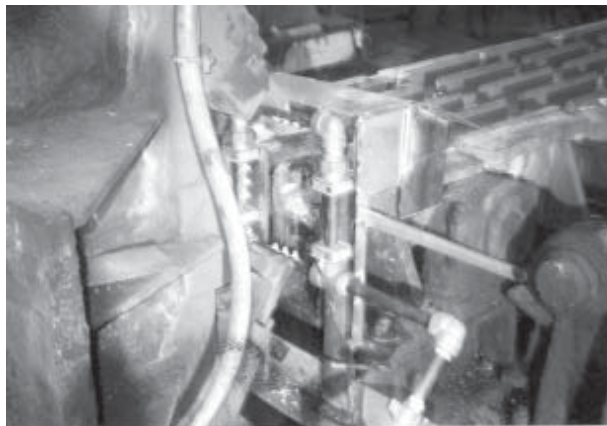
The removal of scale from steel billets is an application in which NLB high-pressure water blasting systems excel. Scale formation occurs as the steel billets are reheated in a forming mill. Removing this undesirable oxidation before final forming takes place is beneficial in several ways.

Scale removal results in a higher grade of finished product. Scale-free steel billets are also less abrasive which results in longer life for forming dies. As a result, maintenance costs and downtime are both decreased, producing significant cost savings for the mill.

This system utilized two NLB pumps to produce a flow of 85 gpm (322 lpm) at 3,000 psi (207 bar). The water was directed towards the billet through 16 NLB fan nozzles.



High-pressure water quickly and efficiently removes scale from steel billets.



A ring of NLB nozzles direct the stream of high-pressure water.



Descaled billets move through forming dies.

The Leader in High-Pressure Water Jet Technology