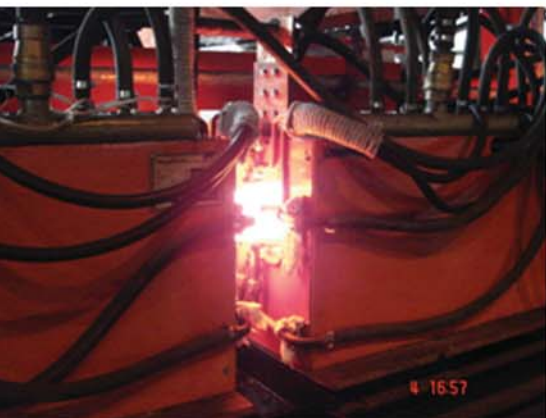
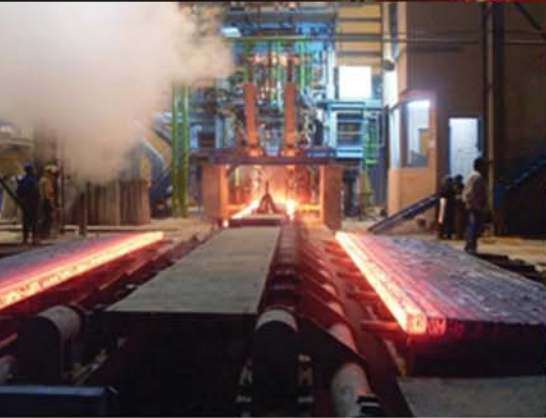


# INDUCTION HOT BILLET CHARGER



Hot charging of Billets directly from CCM and reheating the Billets through Induction route is becoming a necessity. Billet temperature can be increased by Induction heating and gives the following major advantages:

- Temperature rise by 150 -200<sup>0</sup>C generates ideal rolling temperature.
- Surface to core temperature differential within 50<sup>0</sup>C.
- Scaling reduced by 2% compared to reheating furnace.
- Large space saver as heater coils placed on line.
- Shop floor pollution reduced as Oil Fire/Coal Gas Fire is not required.
- Billet sizes between 90 to 160 RCS heated by same Induction source.
- Reduces wear and tear and breakdown of Rolling Mill as billets are constantly fed at uniform and correct temperature.
- Automation easily done through PLC and Temperature recording.



## INDUCTION HOT BILLET CHARGER

**MEGATRON CF1 series Induction power supplies are available to boost the temperature of your Billets**

*Range available:*

Kw: 500 - 4000kw, Single Zone or Dual Zone Heating

Frequency: 250 Hz to 3000Hz

KWH/tonne: 40 -100 Typical (Depending on temperature gradient and size of Billet)

Typical Rolling Mill Application for Wire Rod, Structural and TMT bars.

Production Rate (TPH) will be matched with Rolling Mill



An ISO 9001-2008 Company

**EMT MEGATHERM PVT LTD.**

1, Taratala Road, Kolkata 700088, India

Tel: +91 33 2401 4234/4235

Fax: +91 33 2401 3246

E-mail: [emt@megatherm.com](mailto:emt@megatherm.com)

[sales@megatherm.com](mailto:sales@megatherm.com)