

GOODWILL'S

Dictionary of Mechanical Engineering

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reversing mill

It is a rolling mill in which the rolls are reversed after each pass of the rail, bar, or plate. Reversing mills are those with two high rolls and where no provision is made for reversal of the bars.

reversing rolling mill engine

It is a type of engine specially constructed for the reversal of the rolls of rolling mills. It may be either simple or compound. These engines are made massive, are well fitted, and notwithstanding the rapidity of reversal, run quietly.

reversing rolls

These are the rolls of a rolling mill whose motion is reversible to allow of passes both forward and backward.

reversing shaft

It is a weigh shaft.

reversing stud

It refers to the stud or spindle which carries the idle wheel for reversing the motion of back-gear self-acting lathes.

reversing valve

It is the valve which directs

the air and gas into one or the other of the regenerative chambers of a furnace, as they become alternately cooled and heated.

reverted train

A reversed train of wheels is the one in which the axes of the first and the last wheels are coincident.

revetment

A term used to refer retaining wall.

revolving furnace, or rotary furnace

It is a type of furnace designed to effect the conversion of cast into malleable iron by a process of mechanical puddling, in which the furnace rotates, bringing all portions of the molten iron successively into contact with the fettling.

rib

It is a flange or fillet carried around the edges of or across a casting or piece of plated work, in order to strengthen and support an otherwise weak web.

ribbon brake

It is a strap brake.