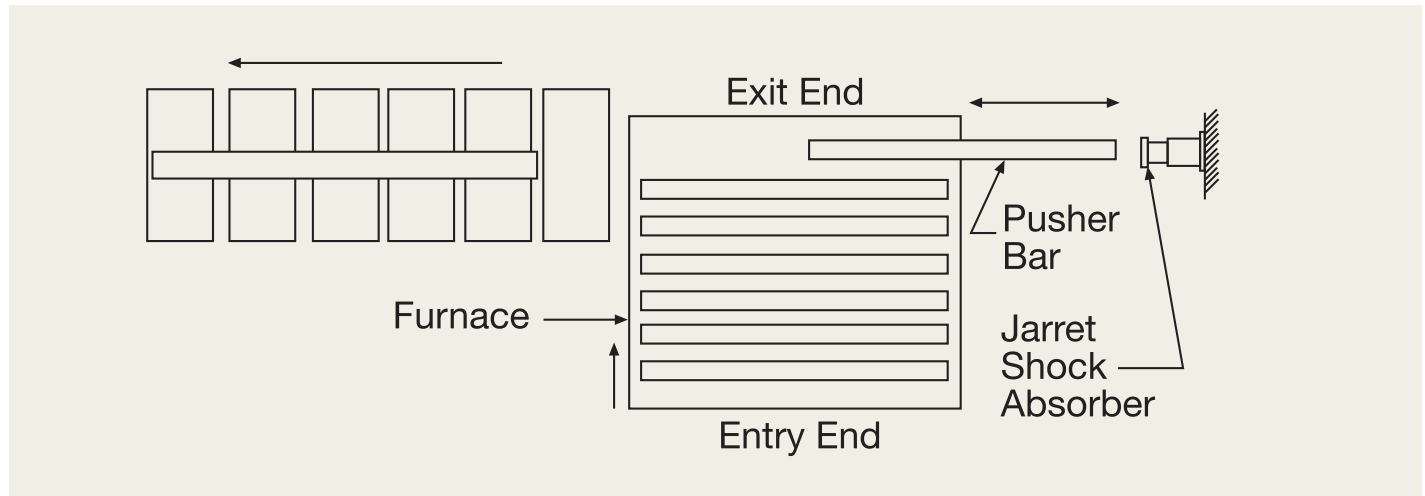


## Billet Re-Heat Furnace Exit End (Push-Out Type)

### Jarret Shock Absorber Application



### Application Overview

In this type of re-heat furnace discharge, the heated billet is pushed out of the furnace by a pusher bar which pushes the billet onto the entry conveyor of the rolling mill. When the pusher bar has completed the push-out operation it is returned to its original position to await the next billet.

### Problem

In the event of a malfunction of the drive which powers the pusher bar, the pusher bar impacts an end-stop requiring the end-stop to absorb both kinetic energy and the potential energy of the drive mechanism. This impact can result in damage to the end-stop and its supporting structure.

### Product Solution

The use of a Jarret elastomeric shock absorber as part of the end-stop mechanism can absorb both the kinetic and potential energy of the pusher bar resulting in a smooth stop without damage to the supporting structure.

An inventory of standard sizes provides ready availability for most applications. Factory repair is available to recondition worn units if required, thus assuring long economical service.