

## Delay Tables Heat Covers Jarret Shock Absorber Application

Insulated covers are used over the table sections between the roughing mill and the finishing mill in a hot strip mill. Each cover is independently raised and/or lowered over a table section to aid in controlling the strip temperature.

The covers use insulating material to help retain heat in the strip. As the covers are lowered over the strip, they may hit the table with enough force to shock the insulating material loose which may then fall onto the strip. Small shock absorbers are needed to cushion the impact.

The incorporation of a relatively small and inexpensive Jarret elastomeric shock absorber as part of the fixed end-stop will allow the smooth deceleration of the Delay Table Heat Covers and thus prevent damage to them and minimize the possibility of insulating material falling out onto the strip.

In addition, the JARRET units will maintain full integrity of the seals (and therefore remain functional), even if the shock absorber is not stroked for long periods of time. This differs from a hydraulic shock absorber whose seals will dry out and crack, thereby failing to maintain the pressure necessary for energy absorption if not stroked regularly to keep the seals moist.

The Jarret units can be mounted on the cars to impact against the end structure or they can be mounted on the end stop structure that the car impacts.

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

