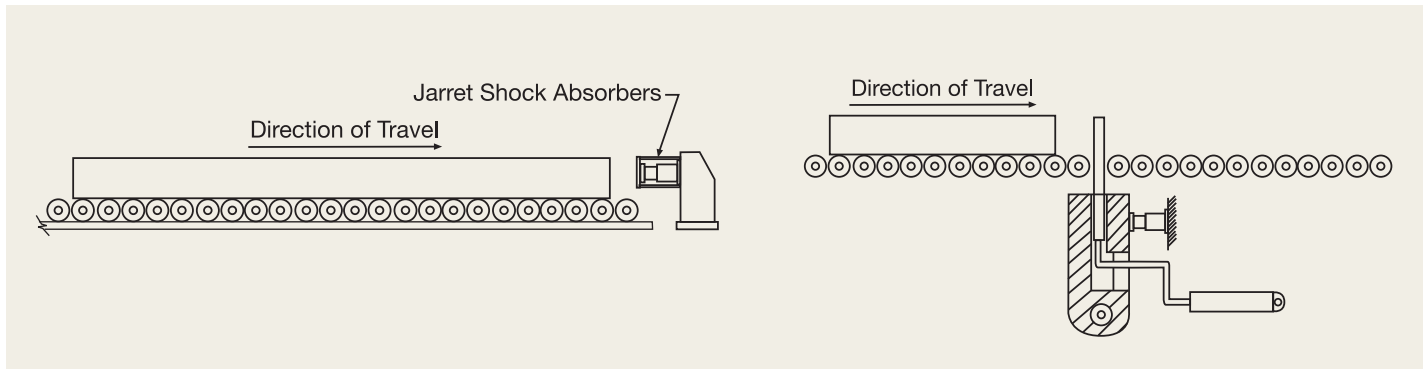


Bar Billet and Slab Rolltable End-Stops Jarret Shock Absorber Application



Application Overview

There are numerous positions in the roller table system, which transfers products from the rolling mill to the shipping area, that require the material to be stopped temporarily or perhaps transferred laterally. These stops can be either fixed (such as an end stop) or of the “disappearing” type which stop the product temporarily and then allow it to continue when required.

Problem

In the case of fixed end-stops the use of an end-stop not incorporating a shock absorbing device can result in damage to the rolled material, the end-stop itself and its supporting structure. In the case of disappearing stops, the lack of a shock absorbing device in the stop can result in the problems previously mentioned as well as additional damage to the disappearing stop drive mechanism.

Product Solution

The use of relatively small and inexpensive Jarret elastomeric shock absorber(s) as part of the fixed or disappearing end-stop sub-assemblies will allow the finished product to be smoothly decelerated without damage to the product or the end-stop.

Jarret shock absorbers are normally selected to provide stopping capability for “power on” impacts with the maximum bar or rod weight.

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.