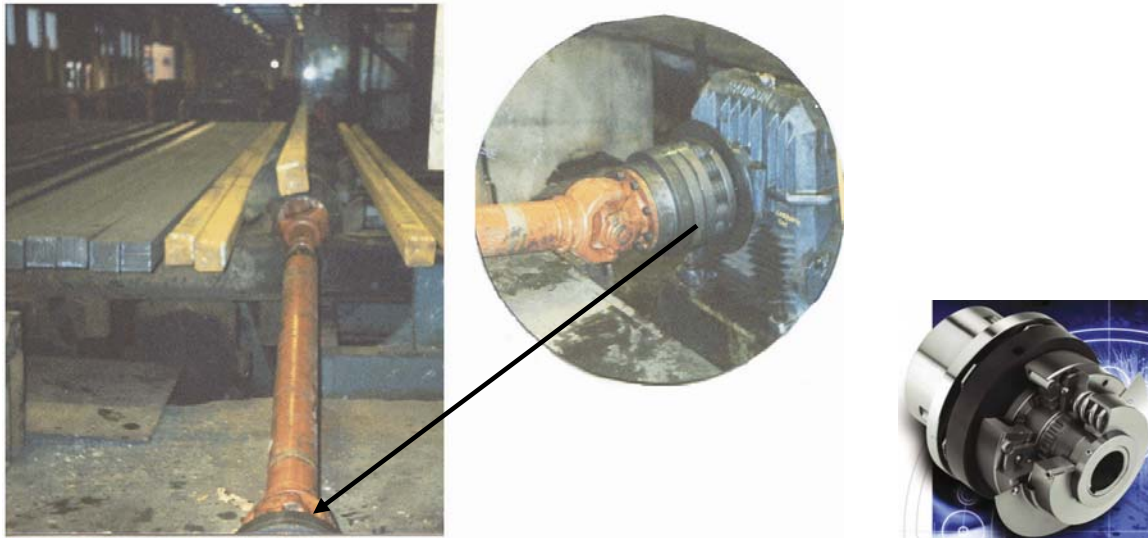




Autogard Torque Limiters

Product: Series 400 Torque Limiter



Application: Billet Transfer Drive – Steel Mill

Function:

A star wheel is used to transfer billets of steel from a table where they are positioned side by side on to a roller drive. The billets are then transferred to a furnace. The problem occurs when too many billets are fed on to the table restricting the movement of the star wheel

Drive Specification:

Directly driven from a gearbox to the star wheel through a Spicer universal joint.

Torque Limiters:

Model 403 size 8 Special Torque Limiter fitted directly between the gearbox and the Spicer Universal Joint.

Benefits:

Down time has been greatly reduced, as the torque limiter does not need a fitter to manual reset. The previous Bibby clutch required manual resetting. In addition the Autogard Torque Limiter is adjustable on-site where as the previous Torque Limit needed to be returned to the factory for setting. The main advantage is in the elimination of shaft and gearbox failures through overload.