CASE STUDY

Rotary Dumper Solves for Critical Floorspace Limits

An HGA Company

In this system designed for a customer, sawn steel billets are fed to an induction heater at 15 - 35 pieces per minute, at an average noise of 85 dB(A).

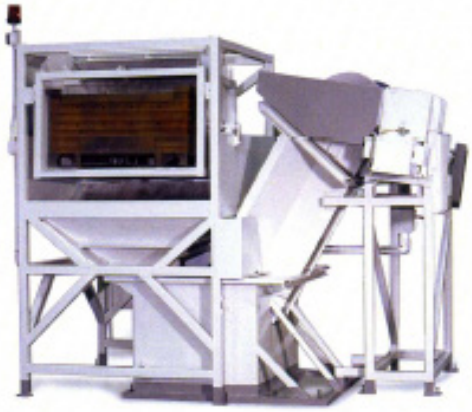
Parts are dumped from a stock box into a floorbin, then elevated to an orienting conveyor to exit, end-to-end, via a short track.

Critical space limits required a small feeder footprint, so a rotary cradle box dumper was fitted over the bin with fender technology to keep billets from exiting the box until nearly up-ended.

To help limit noise and maximize the use of floor space, a controlled dump action was employed, which also reduces abuse to feeder and parts.

Limited noise

Small footprint



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