

Dense phase transfer of cement from railcars to nearby silos

Gericke (see above) reports that it recently installed and commissioned a pneuwork® pneumatic cement unloading system at Transportbeton, Vienna, Austria. The requirement was to discharge cement from rail tankcars and transfer it a distance of some 200m to two existing silos at a rate of 50-55t/h. A total of five tankcars are parked at a fixed unloading point at the customer site and discharged using a common pipeline. Each tankcar incorporates four 13m³ pressurised containers equipped with aerated bottom. Energy consumption is about 1.9kW per tonne of conveyed material. A special silo inlet station was installed to divert the cement gently and with minimal wear into the silos. www.gericke.net



Pneumatic conveying installation at Transportbeton for unloading cement from rail tankcars