

Solutions for stable processes

Achieving consistent quality in steel production requires a wide range of materials to be accurately conveyed, mixed, fed and screened under the toughest conditions. High handling speeds and maximum availability of all components are essential.

Schenck Process solutions make a vital contribution to the optimisation of the production process.

Schenck Process MULTIDOS® belt weighfeeders or MechaTron® loss-in-weight feeders are used for continuous gravimetric feeding of all the materials required to make the sintering mixture. Minimised investment and follow-on costs (operating and maintenance costs), ease of installation and improved accuracy and quality of the end product are just some of the benefits that our products deliver.

Schenck Process LinaClass® vibratory equipment of the SLH, SLG and SLK types plays an essential role in the screening of hot and cold return fines and the hearth layer and the classification of the sinter for addition to the blast furnace. Our SRC type vibrating feeders are also used to discharge material from the bunkers and feed it to the screens.

Example application: Sintering plant

Our products at a glance

- ❖ LinaClass® SLG/SLK linear vibrating screen
- ❖ LinaClass® SLH hot screen
- ❖ Vibrating feeders
- ❖ MULTIDOS® belt weighfeeder
- ❖ MechaTron® loss-in-weight feeder
- ❖ MULTIBELT® belt weigher
- ❖ Hopper scales

Legend:

Process step covered by Schenck Process Group

