

High precision all down the line

The equipment used to pelletise iron ore needs to be capable of conveying, feeding, mixing and screening a wide range of materials under the toughest conditions. High handling speeds and high plant availability are both essential.

Here, Schenck Process solutions make a vital contribution to ensuring consistent quality and optimising 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 pellet mix. 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 SLG and SLK types plays an essential role in the screening of iron ore pellets after burning and cooling and before loading. Our SRC type vibrating feeders are also used to discharge material from the bunkers and feed it to the screens.

Example application:

Pelletizing plant

Our products at a glance

- ❖ LinaClass® SLK/SLG linear vibrating screen
- ❖ Vibrating feeders
- ❖ MULTIDOS® belt weighfeeder
- ❖ MechaTron® loss-in-weight feeder
- ❖ MULTIBELT® belt weigher
- ❖ Hopper scales
- ❖ Train loader (TLO) wagon loading system
- ❖ MULTIRAIL® LegalWeight dynamic train scales

Legend:

Process step covered by Schenck Process Group

