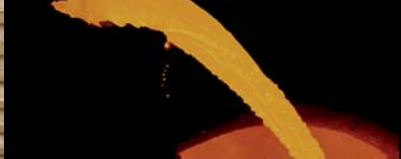


# When Reliability Counts. Count on us.



**Competence in  
Cement, Gypsum,  
Sand & Gravel,  
Steel and NF Metals  
industries**





## **Individual Solutions for the Most Extreme Conditions.**

### **Two Technologies under One Roof**

The harsher the environmental conditions, the more resilient the technical systems must be. This particularly applies to industries such as cement and building materials, steelmaking and non-ferrous metallurgy. Schenck Process offers these industries a wide range of reliable systems and sound application know-how.

### **Weighing and Feeding Technology**

Continuous weighing and feeding systems from Schenck Process can be used, e.g. to feed coal dust efficiently into the rotary kiln during cement production. Our discontinuous scales can calculate the precise addition of alloying agents in electric steelworks or the exact weight of a steel ladle weighing several tonnes in a continuous casting plant. Our wide range of products and services include the installation of weighfeeders (e.g. upstream of blast furnaces) for precise weighing of compositions to specified formulae and engineering & "turn-key" delivery of complete systems designed for feeding alternative fuels.

### **Vibrating and Screening Technology**

Our vibratory equipment gets to grips with even the most difficult bulk materials. Wet or dry, large chunks or the finest particles. No matter whether it's ore, sand and gravel or lime dust, heated to 950 degrees Celsius, or any of a multitude of other bulk materials used in the steel, cement and pit and quarry industries.

Our many years of experience in designing and building vibratory equipment can be seen in the technically mature construction and high standard of quality.

We plan and build complete plant sections including reliable control systems and links to higher-level data systems.

**MULTIDOS®**  
Weighfeeder



**MechaTron®**  
Loss-in-Weight Feeder



**Simplex**  
Loss-in-Weight Feeder



**MULTICOR® K**  
Coal Dust Feeding



## MULTICOR® R 450

Feeding of Powdered  
Materials and Meal



## MULTISTREAM® G

Solid Flow Meter



## MULTIBELT®

Belt weighers



IDMS blow-through  
rotary valve





## Lina Class®

Linear Motion Screens &  
Screen Panels



## TEDO®

Tube- and U-Conveyors



## IntraBulk®

Bulk Reception Unit



## Weighing Sensors



## Alternative Fuel Feeding

Saving energy costs is a top priority. One approach is to use alternative fuels for kilns/boilers such as classic and alternative fuels (e.g. shredded plastic and production waste, old tyres and grinding dusts, meat and bone meal and processed domestic waste).

Schenck Process' system is extremely economical and uses various concepts. It requires neither structural changes nor reserve silos.



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## Cement Blending



### **'Just-in-Time' Composite Cement Production – Cost Savings through the Manufacturing Pull Principle.**

Factory-made composite cement is widely produced and used throughout the entire cement industry. Schenck Process is able to harness the blending action of the MULTICOR® Mass Flow Meter to blend the cement master material on a 'just-in-time' basis.



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