

Technical Information Rotor Weighfeeder Pfister® TRW-K



Efficient dosing of crushed coal

Rotor weighfeeder Pfister® TRW-K, which is designed for dosing crushed coal, is based on the patented rotor weighfeeder technology which has proved itself in operation worldwide. The robust, wear-resistant design makes the system extremely reliable. Heavy measuring loads provide high dosing accuracy. Powered by the state-of-the-art dosing strategy ProsCon®, mass flow is controlled in advance.

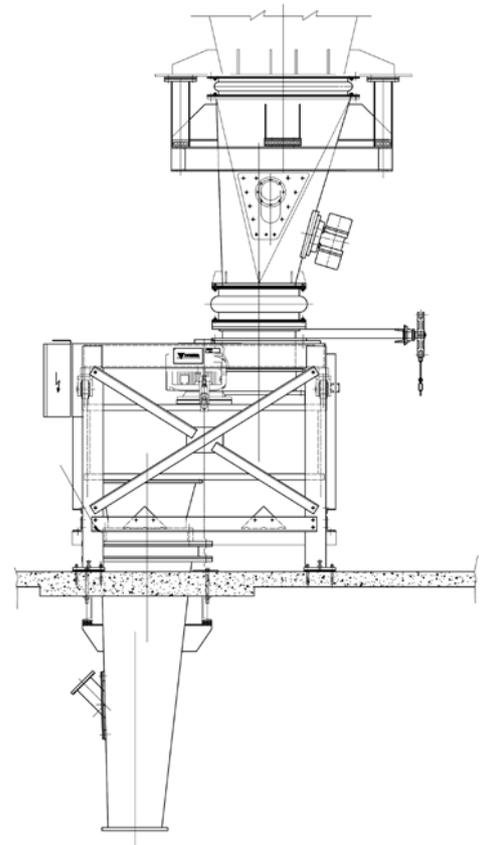
This makes it possible to achieve stable and accurate dosing of crushed coal. Rotor weighfeeder Pfister® TRW-K is designed as a totally closed, dust-tight, all metal device in a pressure-proof design. Thus, a coal firing process with maximum efficiency is guaranteed.

**Rotor weighfeeder
Pfister® TRW-K +
prospective control ProsCon®:
Dosing to perfection.**



Application fields: Crushed coal grinding and firing process
Fuel: Crushed raw coal
Dosing capacity: Up to 200 t/h

- Design example:**
- Flexible joint
 - Vibrating hopper
 - Flexible joint
 - Shut-off gate
 - Rotor weighfeeder Pfister® TRW-K
 - Flexible joint
 - Down spout
- Features:**
- Gravimetric weighing
 - Stable coal dosing and outstanding reliability
 - High dosing accuracy and constancy which guarantees an efficient grinding and firing process
 - Compact, robust, closed dosing system
 - All metal construction (no rubber, no belts, no idlers, no pulleys)
 - Pressure-proof design
 - Easy to install
 - Large dosing feed range
 - Low speed moving rotor, reliable and safe operation
 - Self-cleaning, no material spillage
 - Extremely economical in respect to power consumption
 - Easy removal of any foreign material through service opening
 - Negligible wear
 - All measuring elements accessible from the outside, therefore easy to maintain
- Dosing control:**
- Feeder dosing controller Pfister® FDC
 - Prospective control ProsCon®
 - User oriented interfaces
 - Remote service access available
- Certificates:** ATEX in categories II1/2D and II1/3D, ISO 9001



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