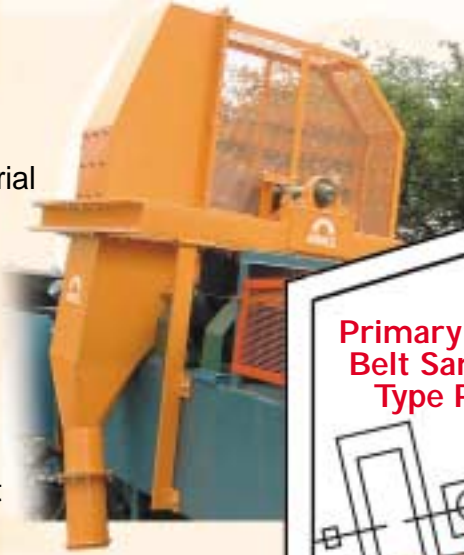


Cross Belt Samplers

The Cross Belt Sampler obtains a representative sample of granular material direct from a moving trough belt type conveyor.

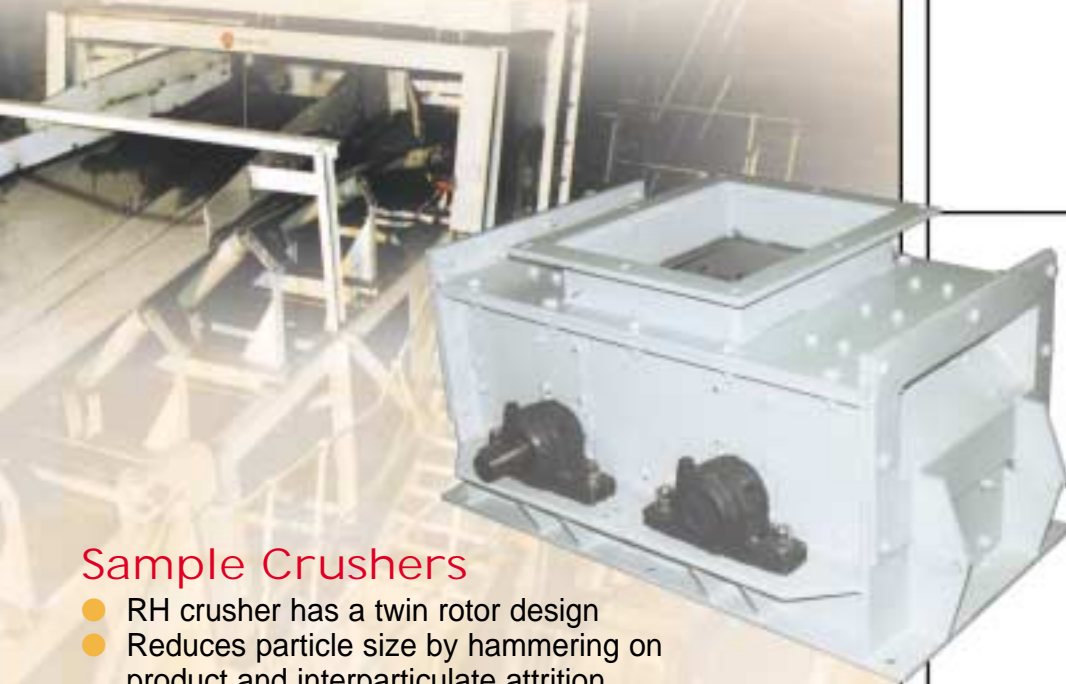
- Direct sampling from a belt via a single direction sweep of cutter
- For all types of granular material
- For open and enclosed locations
- Easy to transport - suitable for mobile sampling
- Easy to install - particularly in retrofit situations
- Minimum maintenance



Rotary Samplers

The rotary sector cutter, as incorporated in the PRL range of primary machines, is the core of Eriez Prisector's sampling systems.

- Installation on belts up to 2200mm wide
- Feed materials up to 150mm can be sampled as standard - up to 400mm with modification
- Minimum number of parts requiring routine inspection.
- Low power requirement
- Minimum number of moving parts



Sample Crushers

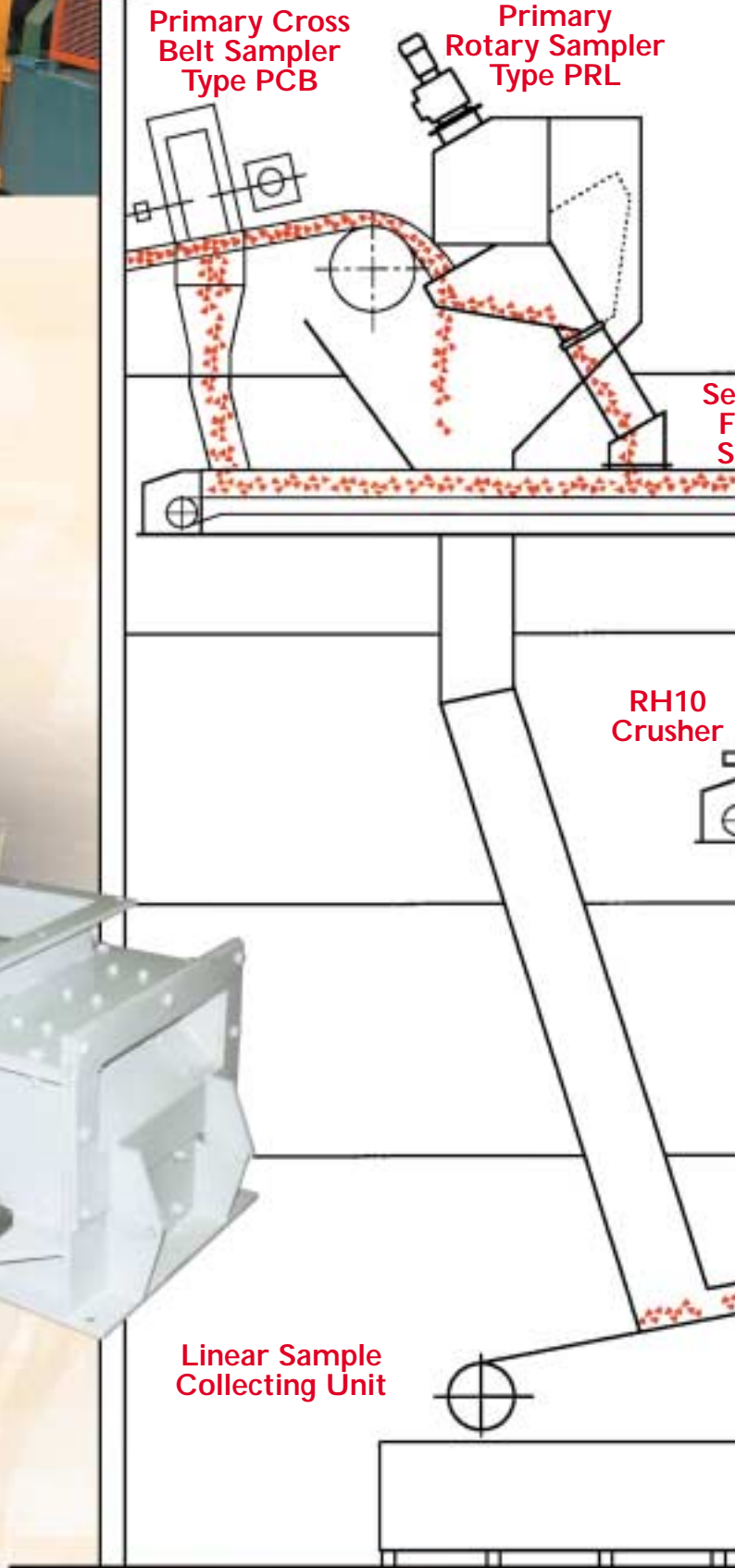
- RH crusher has a twin rotor design
- Reduces particle size by hammering on product and interparticulate attrition
- No need for substantial static breaker plates
- Low power per rotor
- Compact construction

Rejects Return

Reject material from the individual sample increments are returned to the main out-going stream of material, usually by gravity. Where this is not possible, either screw conveyors or light duty belt conveyors are used.

Primary Cross Belt Sampler Type PCB

Primary Rotary Sampler Type PRL



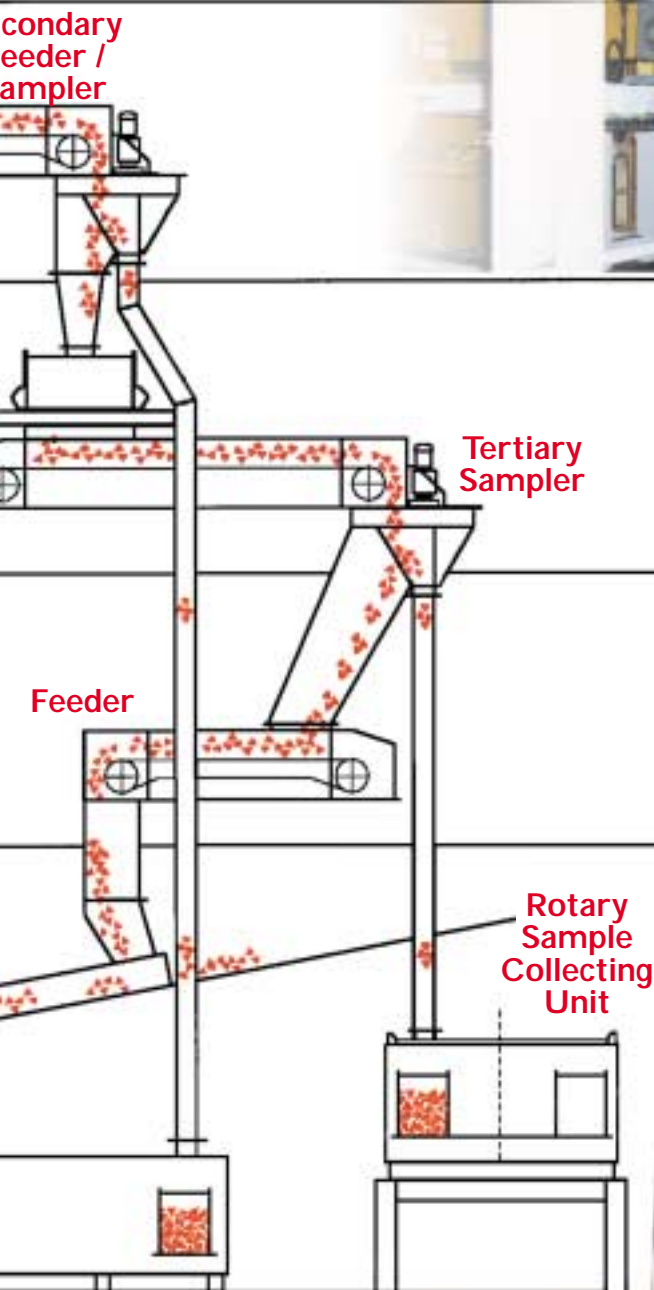
- Eriez range of magnets and metal detectors is also available for some applications
- Please ask for details

Sample Division

The rotary sector cutter concept also applies to the Eriez Prisector ARC feeder / splitter / sampler range.

- Feeder lengths from 1250mm
- Splitter or sampler selection is dependent on specific requirements
- Versions of the ARC include
 - BF : provides duplicate sub samples from each primary sample
 - FS : Free standing, used for division of samples in a laboratory environment

Typical Sampling System



Sample Collection

Multi station sample unit for multiple final samples

Rotary Carousel Unit

- Low friction roller table container support systems
- Carousel can have 4 to 10 stations, depending on container size
- Container size up to 120 ltrs



Linear Sample Collecting Unit

- Low friction roller table container support systems
- T-LCS 'Twin' design, where both moisture and general analysis samples are required
- LCS Single line design for single sample collection
- Container size up to 120 ltrs



