

## List of Applications

### Applications which proved significant user benefits with SinuMEC

| Application                      | Why Applicable  | Typical Industries  | Install Base                  |
|----------------------------------|---|---|-------------------------------|
| <b>Conveyor</b>                  | Designed to be able to start while fully loaded, normally works with partial load most of the time. | Process of solid material, such as quarries, mining and solid chemicals   | Vered (IL),<br>Cemex (IL)     |
| <b>Bucket Elevator</b>           | Similar to conveyor   | Similar to conveyor   | Italcementi (SP)              |
| <b>Mill</b>                      | Must operate also during temporary high load  | Wheat, cement, calcium, quarries  |                               |
| <b>Sifter</b>                    | Filters different quantities  | Quarries, dried chemical processing, paper industry   | Cemex (IL)                    |
| <b>Press</b>                     | No load during most of the time, peak load during press   |   |                               |
| <b>Fan</b>                       | Suitable mainly for fans with dampers which change the flow. Other fans may also be applicable.     | Air handling  | Timbar (US),<br>Zoglowek (IL) |
| <b>Crushing, Flaker, Grinder</b> | Systems which chop materials – the load is larger when first loaded and goes down afterwards        | In quarries currently NOT applicable since it is usually larger than 200HP/150kW,<br>Food industry (incl. animals), vacuum forming plastic recycler | Unilever (IL),<br>MCP (IL)    |
| <b>Mixer</b>                     | High load after material loading, reduced when material stickiness reduces                          | Batch processing, such as chocolate industry and painting manufacturing.  | Food factory at NL            |
| <b>Compressor</b>                | Changed air pressure causes changed load. Some compressors have few loading steps.                  |   | Stork (NL)                    |

#### Notes:

1. There are additional applications in which the SinuMEC was installed. The above table lists only those which we believe exist in many locations. We occasionally explore new applications and are happy to update this list.
2. Escalators are great application and we work to get the manufacturers' pre-approval. Our experience shows that sales to escalators must be coordinated with manufacturers' headquarters. Nevertheless, it is possible to begin the promotion from end-users.