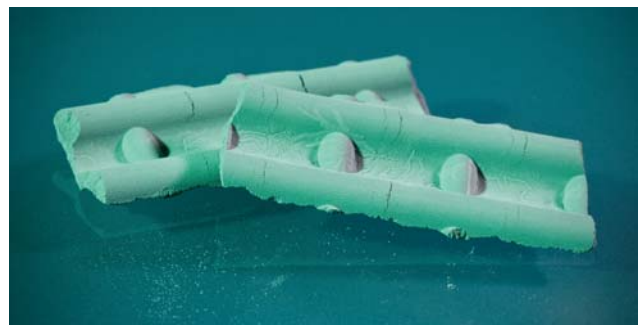




Roll compacting is a way of producing lower cost granules by means of very high pressures and is an ideal way of producing a relatively dust free, free flowing granule from a powder feed material. No liquid addition or binders are required. It is a fully enclosed continuous system comprising recycling of fines and oversized particles.

The powder feed material is passed through two rollers under gravity which compress it under controlled high pressure into a flat 'ribbon' which is then milled into the desired granule size. These sizes can range from 0.5mm to 10mm.

Roll Compacting is a very versatile granule production technique which lends itself well to a range of speciality chemical applications, such as flame retardants, de-icing products, water treatment products, animal feed additives and many more.



- a** Venting of displaced air, simultaneous dosed feeding of undersize, oversize additives
- b** Feeder for raw material
- c** Air flows back across the screw feeder flights
- d** Horizontal screw feeder
- e** Optional vacuum unit facilitates enhanced raw material feed
- f** Compacting rollers
- g** Flake crusher for pre-crushing
- h** Transfer of the final compacted product

