

Unloading, feeding, conveying, storage, security sieving and drum filling of lactose

- Subject:** Expansion of the existing facility in Nörten-Hardenberg to enable the production of Direct Compression Lactose (DCL).
- Client:** DMV International in Nörten-Hardenberg (Germany)
- Gericke Technology:** A Gericke Pulse Flow transport vessel type PTA 80 is used to convey the raw material from big-bags to a feeding hopper.
- The Gericke Vibrating Bin Activator TXF 900 and Rotaval HDER 200 rotary valve control the discharging of product from the storage hopper.
- A special Gericke feeder GAC 133F, ensures high capacity and accurate filling of the drums and Intermediate Bulk Containers (IBC's).
- Application:** Raw materials are unloaded from big-bags and pneumatically conveyed to a feeding hopper. From the feeding hopper the material is metered into an agglomerator. After agglomeration the product is stored in a day bin. The product is then sieved and checked for metal contamination before accurate filling into drums or IBC's.
- Materials handled:** Lactose and DCL15
- Bulk density:** Lactose: 560 g/l
DCL15: 500 g/l
- Dosing Capacity:** 4000 kg/h



Gericke delivered the complete powder handling system from the incoming raw material in big-bags up to the packing in drums and IBC's.

Gericke

Powder Processing Equipment and Systems



Gericke vibrating bin activator and rotary valve for feeding product into the sieve



Drum filling line

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