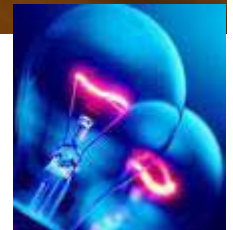


Batch feeding of alumina powder for the fabrication of lamps for public lighting

Objectives of the project:

On the process line of this factory, the goal is to feed 960 jars per hour, with 1.2 kg of alumina powder. The complementary requests are:

- Compact construction, to ensure minimum installation space
- Short dosing time < 13 sec
- Reliable system in a dusty and hot environment
- Operation 24 h/ day
- Short cleaning time
- Low maintenance needs
- Accuracy requested: +/- 1.5 %.



Solution :

- 4 MCPI Fine dosing-loss-in-weight Opti feeders, working at the same time.
- The extraction of powder is based on the patented Fine dosing Principle
- The load cell and the generator are integrated in stainless steel housings
- The load cell protected against overloads and dust
- The batch controller, integrated in the control cabinet, optimizes coarse and fine feeding with automatic tolerance control
- Fine dosing concept allows a ratio between coarse/ fine feeding over 50. This figure is a key point to reach fast dosing process and accuracy
- The system is designed according GMP rules for fast cleaning and maintenance operations

S.S.T.-Schüttguttechnik Maschinenbau GmbH

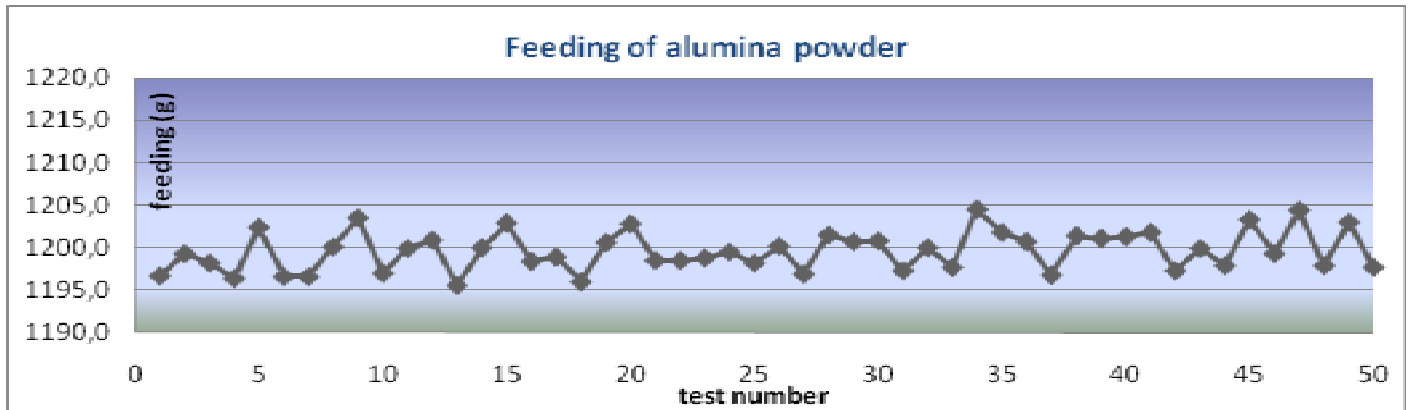
Lechwiesenstr. 21, 86899 Landsberg / Lech
Tel. 0049 (0)8191-3359-50 Fax 0049 (0)8191-3359-55
e-mail: sss@solids-service.de
www.solids.de

solids *Fine dosing*

The fine art of Fine dosing



Feeding accuracy and stability: dosing time 13 sec



Data sheet

MCPI <i>Fine dosing</i>	REND:	REND:	REND:
	serie:	Line in weight feeder	
	type:	V.MC345D	date:
			12/05/2009
Produit : Optifeeder FD MPL Hygienic			
N°: FD-08-121		ind : A	
BP 3013 40 Route de cotla 74 966 MEYTHET CEDEX Tel : 04-50-33-90-20 Fax : 04-50-30-12-96			
Email : mcpi@mail@mcpi.fr Site : www.finedosing.fr			

S.S.T.-Schüttguttechnik Maschinenbau GmbH
 Lechwiesenstr. 21, 86899 Landsberg / Lech
 Tel. 0049 (0)8191-3359-50 Fax 0049 (0)8191-3359-55
 e-mail: ssat@solids-service.de
www.solids.de

