WELCOME INTERCEM Galveston 2006 TO THE WORLD OF H&B

Markus Lackmann
Haver Filling Systems, Inc.

Tremont House Hotel
December 7th, 2007
Galveston, TX

Outline

- Haver Filling Systems, Inc.
- Headquarters Haver & Boecker
- Seal Technology
- FFS Technology for powdery products

I would like to introduce you to

HAVER FILLING SYTEMS, INC.

Haver Filling Systems, Inc.

- Established 1977 New York
- Relocated 1989 to Conyers, GA
- Sales, engineering, service, parts→ HAVER & BOECKER
  - → BEHN + BATES
  - → IBAU HAMBURG
  - → FEIGE FILLING TECHNOLOGY

460 Gees Mill Business Court, Conyers 30013

HFS, Inc.
25th Anniversary
1977-2002

HAVER
FILLING SYSTEMS, INC.

HAVER & BOECKER LATINOAMERICANA

Service

Machine shipment

Installation

2,500 different parts in inventory

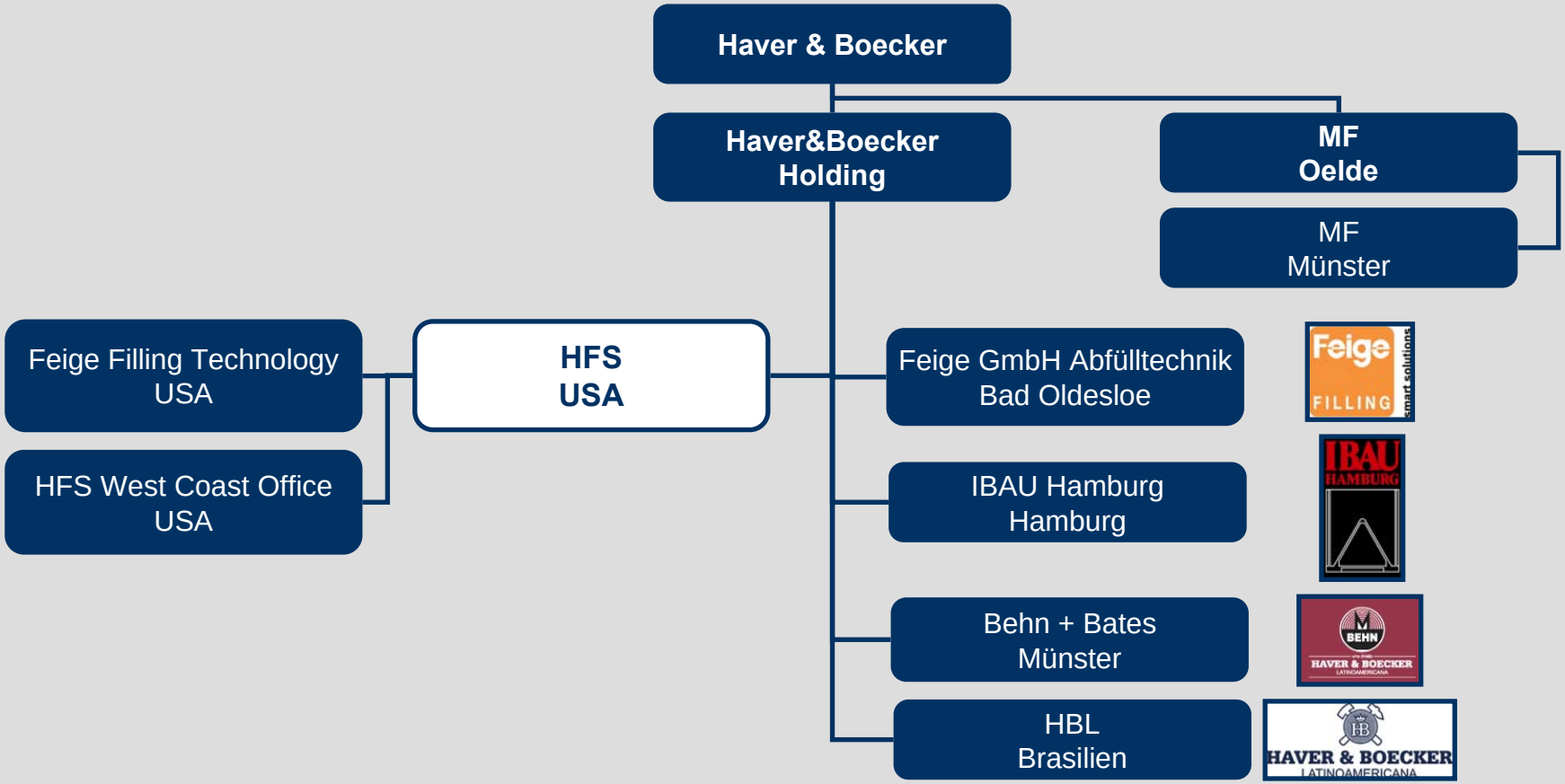
SEW

FEDERAL EXPRESS

Outline

- Haver Filling Systems, Inc.
- Headquarters Haver & Boecker
- Seal Technology
- FFS Technology for powdery products

HFS and its affiliates in the HAVER Group



Headquarter in Germany

Customer Requirements Today

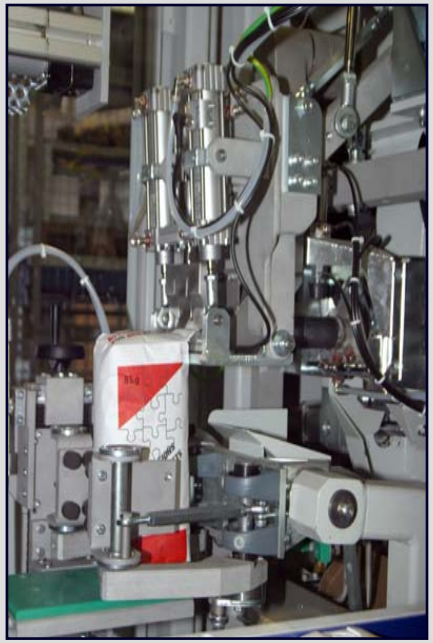
- stable

- clean

- shaped

HAVER has the Solution!

- The Seal System for Valve Paper Bags

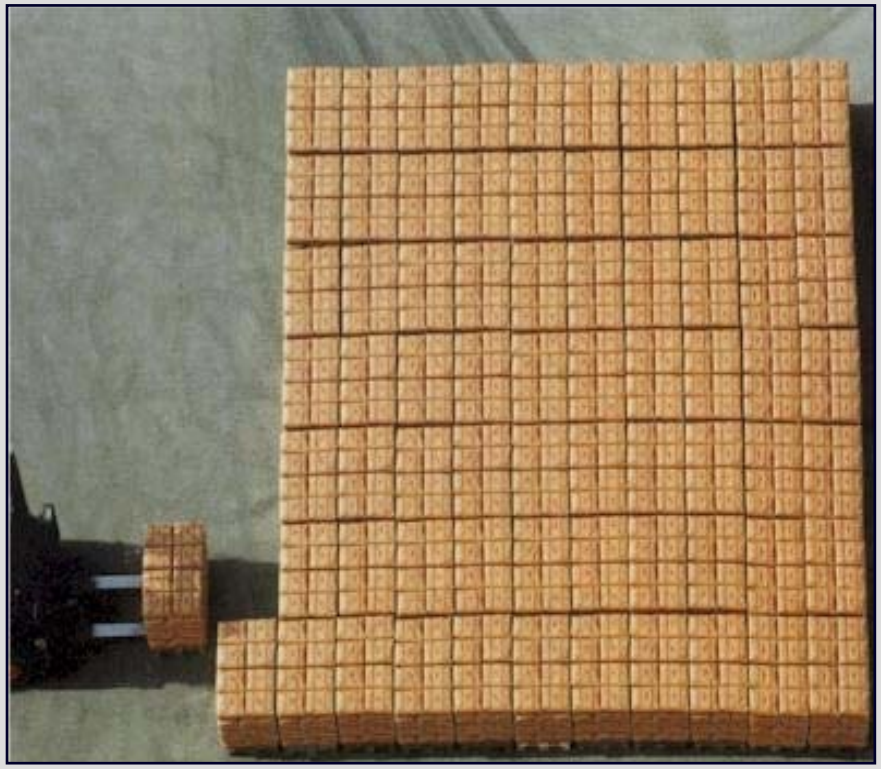


- The ADAMS Process for Open PE Bags

Outline

- Haver Filling Systems, Inc.
- Headquarters Haver & Boecker
- Seal Technology
- FFS Technology for powdery products

Valve bags

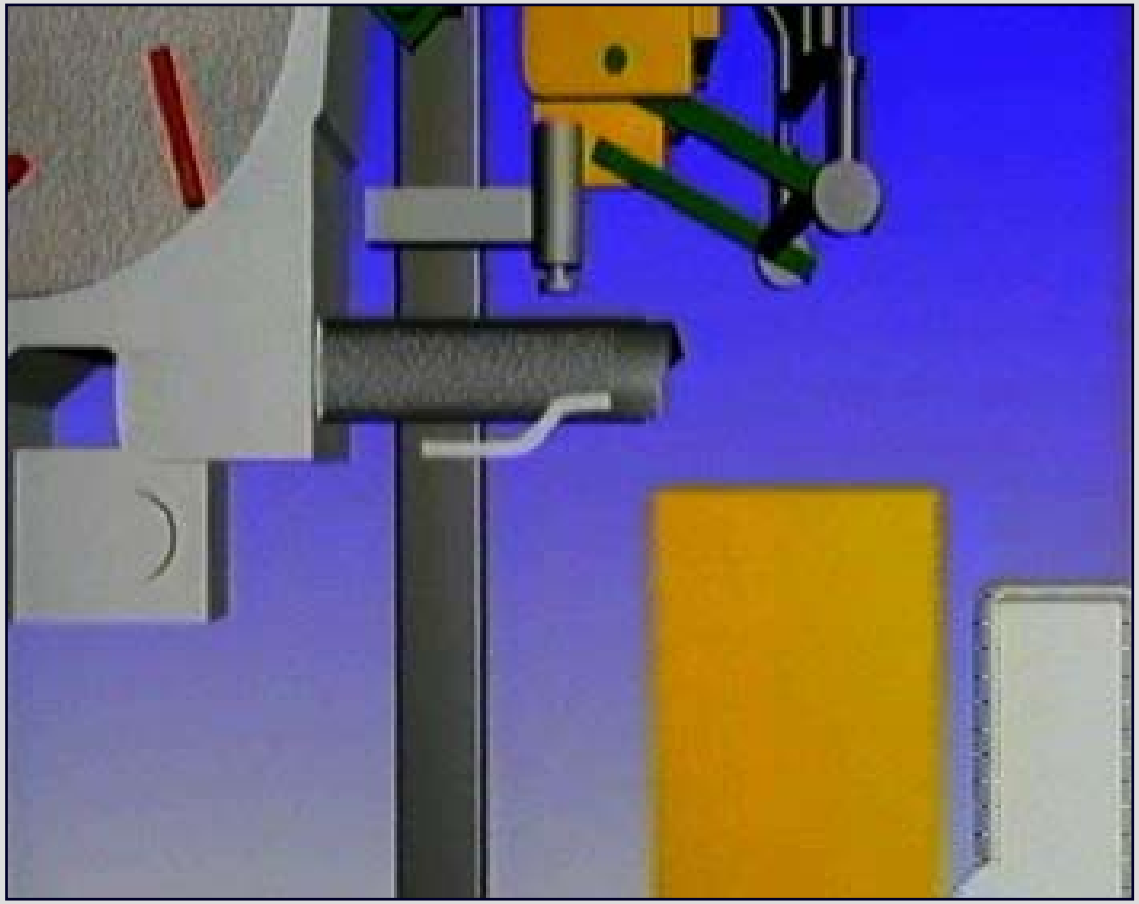


A clean working environment

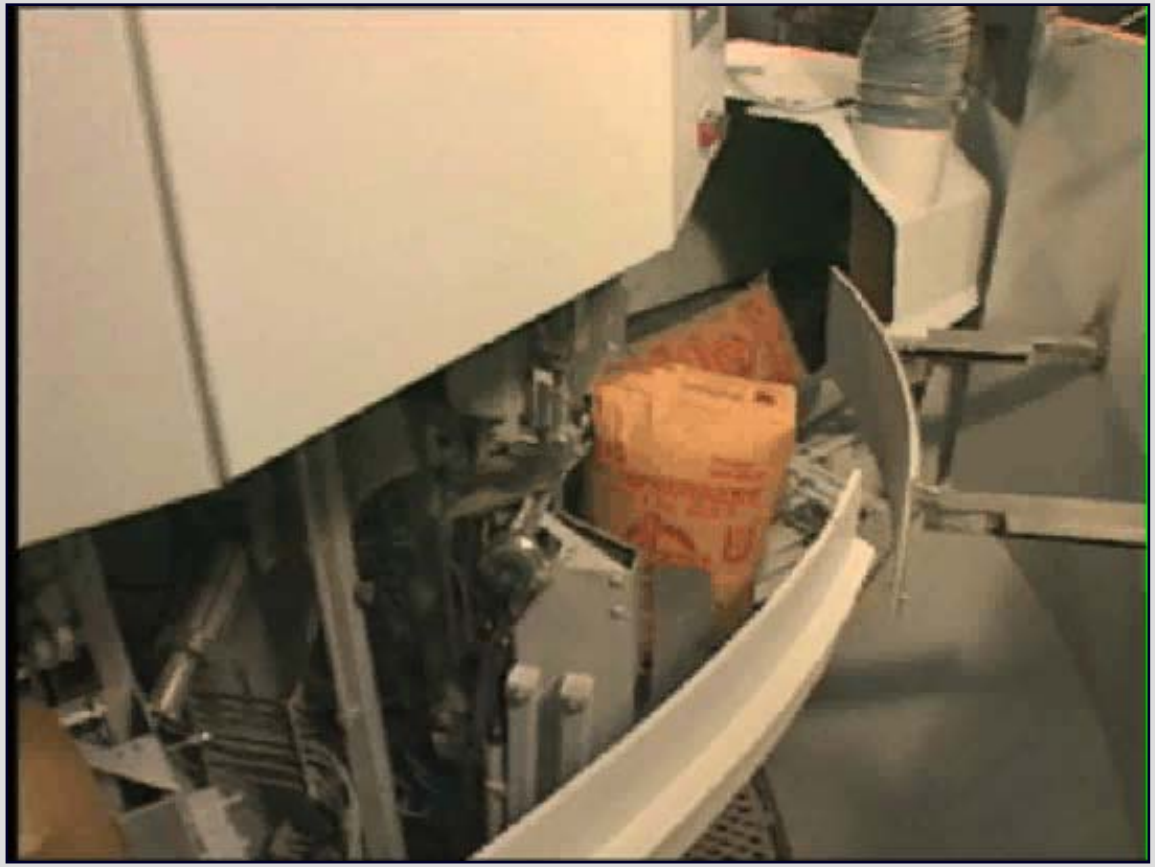
traditional technology

SEAL technology

The Seal Technology

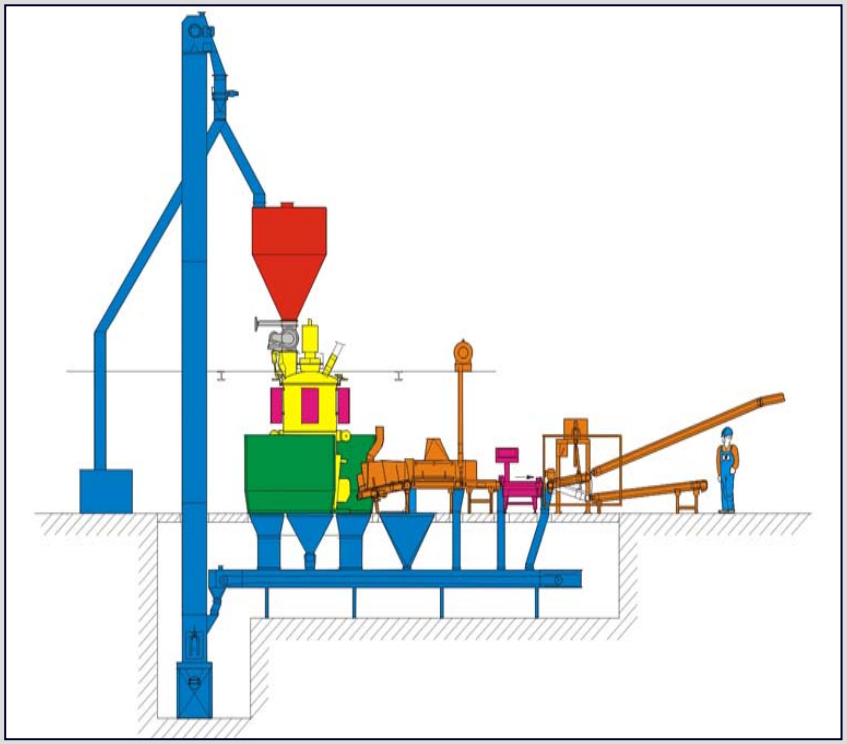


ROTO-Packer 12 spouts

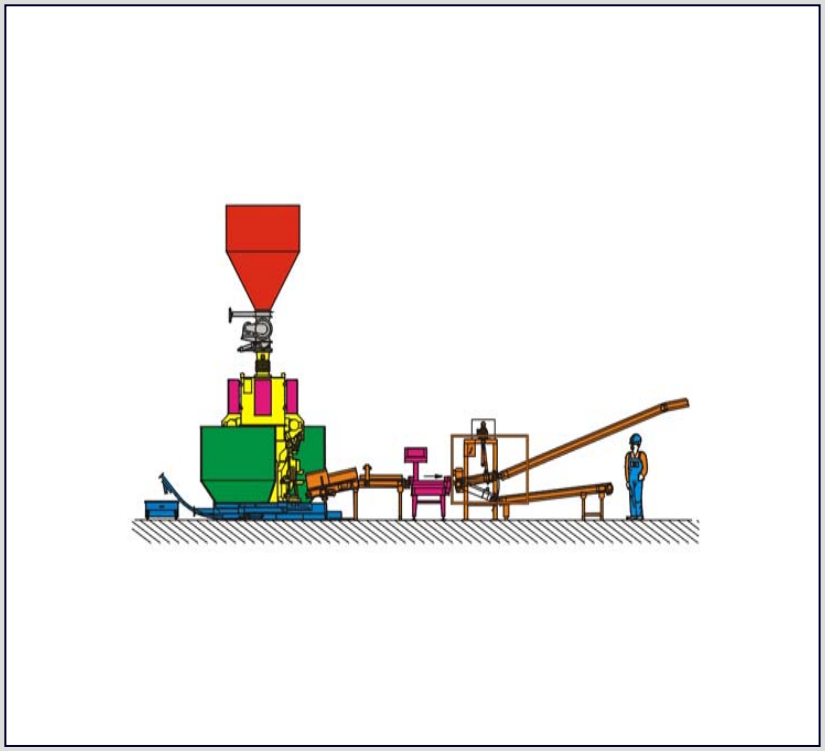


- Clean bags
- Tight bags
- Product protection
- High production
- Clean environ-ment

Redused Building Costs



traditional technology



SEAL technology
“Floor design”

Compact and pre-assembled

The ROTOSEAL® „Floor design“

Valve bag sealing: Advantages

- Clean bags
- Tight bags
- Product protection
- High production capacities
- Protection of environment

Outline

- Haver Filling Systems, Inc.
- Headquarters Haver & Boecker
- Seal Technology
- FFS Technology for powdery products

Weatherproof PE-Bag

CUSTOMER / USER BENEFITS

Clean – Tight – Compact

Stable – Clean – Shaped

Stable – Clean – Shaped

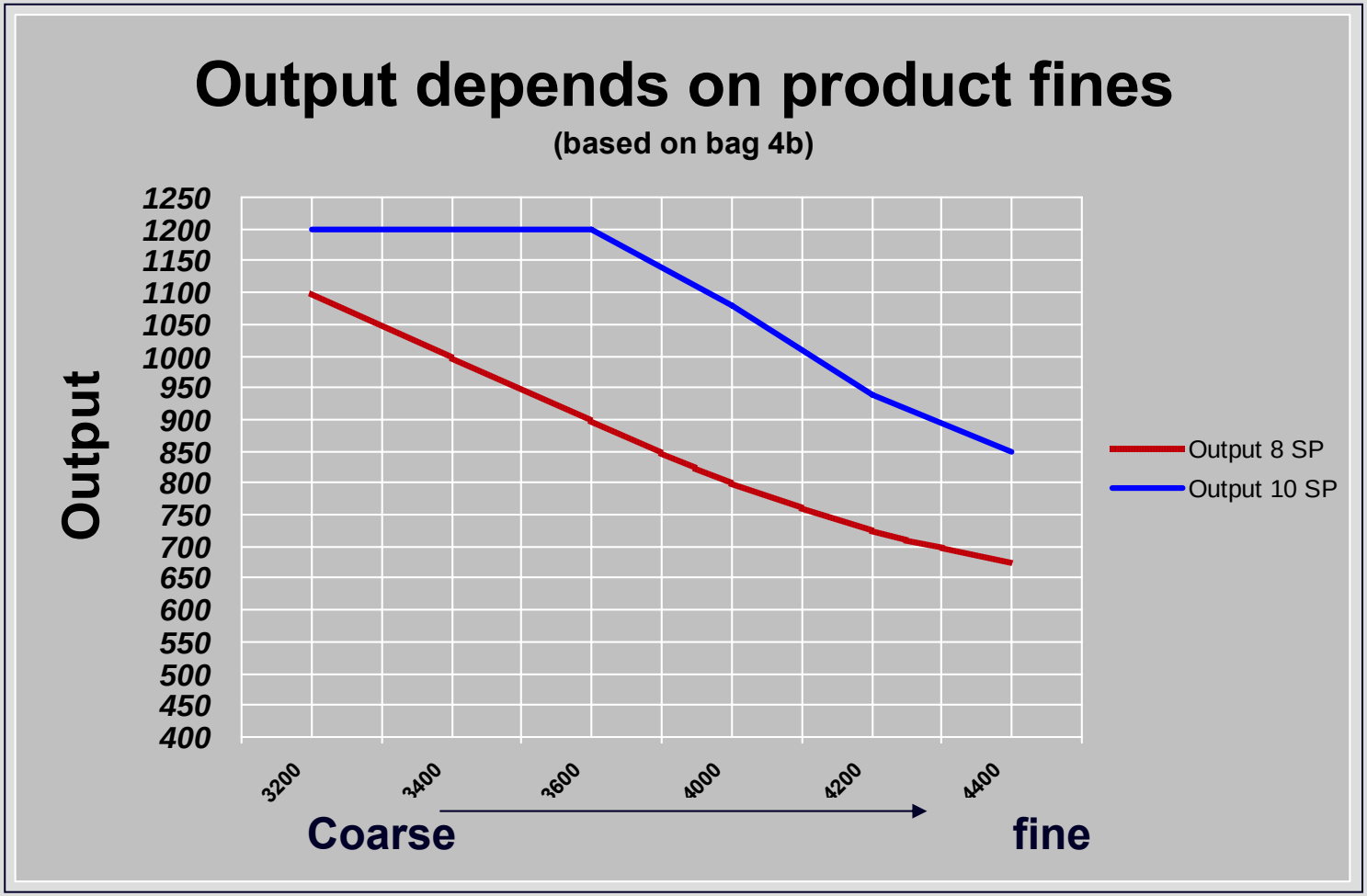
MACHINE MODELS AND CAPACITY

Machine models

BENJAMIN I	1 Spout
BENJAMIN II	2 Spouts
BENJAMIN IV	4 Spouts
THE ADAMS 8	8 Spouts
THE ADAMS 10	10 Spouts

Capacity spectrum

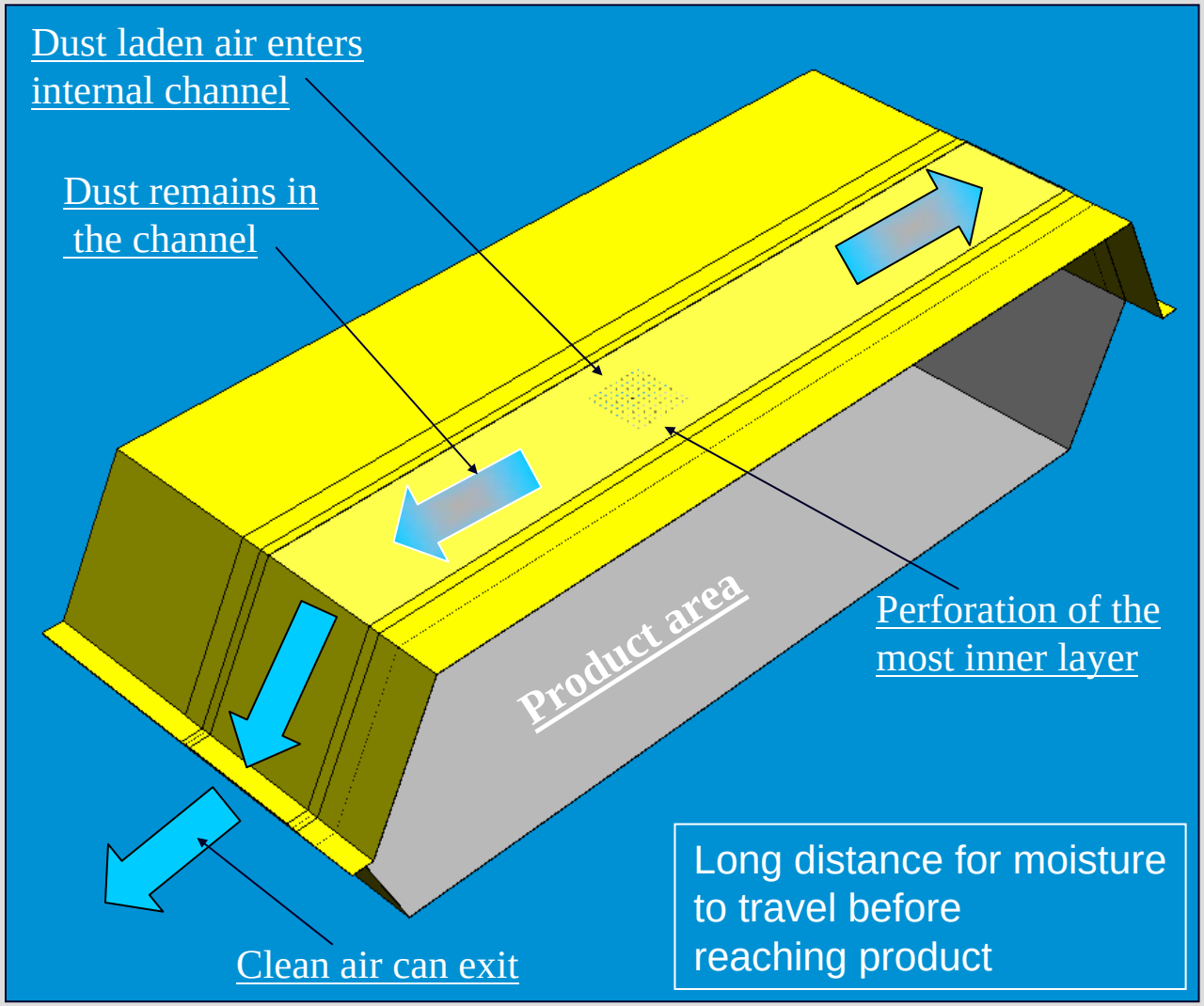
Product densification is crucial (time)



THE HAVER ADAMS PROCESS

BAG DESIGN

HAVER "Check-Valve" Bag



THE BENJAMIN

Advantages of ADAMS technology

Strong customer acceptance of PE bags because of:

a. Clean:

Filling: Leakage is prevented by a complete seal between bag and spout. Dust is sucked off by filter system.

At the consumer: Clean bag handling, no material can leak out during transport and storage.

b. Tight:

A closed PE bag means high product protection - as water resistance and resistance of breaking - and better storage capabilities.

The labyrinth system provides air removal. This prevents bag breakage.

c. Compact:

Box-shape of the bag means trouble-free palletizing.

Transport and storage capability are optimized and an aesthetic appearance is provided. High gloss effect.

We offer solid alternatives!

Thank you very much for your attention!

Markus Lackmann
Haver Filling Systems, Inc.
460 Gees Mill Business Court
Conyers, GA 30013
☎ (770) 760-1130
✉ markus@haverusa.com