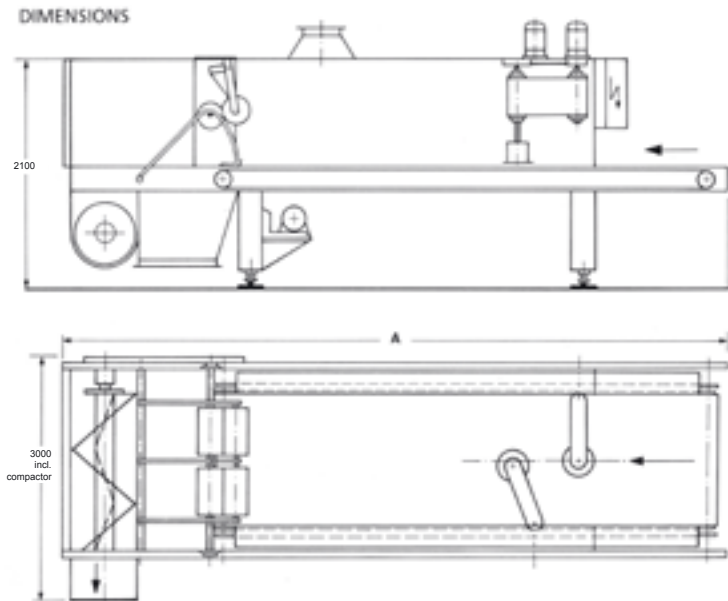


Models Available

| Model No. | Sacks per Hour | Sack Size (max) | Machine Size |
|-----------|----------------|---|---|
| 600 | Up to 600 | 1200mm long 750mm wide 220mm deep | 4375mm long 3000mm wide 2100mm high |
| 300 | Up to 300 | 1200mm long 750mm wide 220mm deep | 4000mm long 3000mm wide 2100mm high |

Slitting Blade Assembly

Two rotary cutting blades manufactured with tungsten carbide tips all mounted on activated chassis system to ensure clean three sided cutting of the sack. Blades powered by two 0.55kW motors directly connected



Patented Retractable Sack Retrieval and Shaking Unit

Comprising of an activated cradle, oscillating fingers and twin roller grip unit driven by infeed chain to ensure complete speed synchronisation.

Empty Sack Retrieval And Compaction Unit

Fitted with a heavy duty rigid auger driven by an electric drive motor via a chain drive assembly

Access Doors

Doors are dust proof and safely interlocked for easy cleaning. These can be fitted and safety glass viewing windows

Control Panel

Manufactured to IP55 rating and fitted with door mounted isolator and containing all necessary motor protection equipment switch gear interlock relays, emergency stop units, fuses, door mounted press buttons and warning lights.

Optional Extras

1. Direct mounted dust filter (small) with fan and discharge back into material outlet
2. Infeed accumulating conveyor
3. Enhanced electrical specification
4. Material discharge and distribution system based upon Entecon UK Ltd or other equipment
5. Supporting structures with operator and maintenance access
6. Vacuum lift and/or scissor lift for full sacks
7. Mechanical or electrical height adjustment of slitter discs
8. Infeed sack flattening unit

Due to a programme of continued research and development, designs and specifications may be changed without prior notice.

Copyright and/or design rights owned by Entecon UK Ltd. All rights reserved 2004

Entecon UK Ltd

Stanhope Road, Yorktown Ind Est, Camberley, Surrey. GU15 3BW

Tel: +44 (0)1276 414540 Fax: +44 (0)1276 414541

www.Entecon.co.uk enquiries@entecon.co.uk

High Speed Automatic Sack Openers and Emptiers

300, 450 & 600 Sacks per Hour

Manufactured by Entecon UK Ltd



- Dust Free operation to COSHH requirements
- Clean product discharge
- Well proven design
- Up to 600 sacks per hour

- For all types of sacks - paper, polythene, hessian or woven polypropylene.

Aeromec Automatic Sack Openers from Entecon UK Ltd: a major step forward in dustless sack emptying

Aeromec™ Automatic Sack Openers manufactured by Entecon UK Ltd use a unique concept in automatic sack opening.

Widely used by European processors they give reliable operation at rates up to 600 sacks per hour.

Heavy manual labour is largely eliminated enhancing safety and dust-free conditions so as to meet COSHH requirements.

User Benefits

- High efficiency emptying
- Suitable for hazardous products
- No dust emission
- Operator safety
- Inbuilt empty sack compaction
- Ease of access
- Minimal maintenance

Operational Features

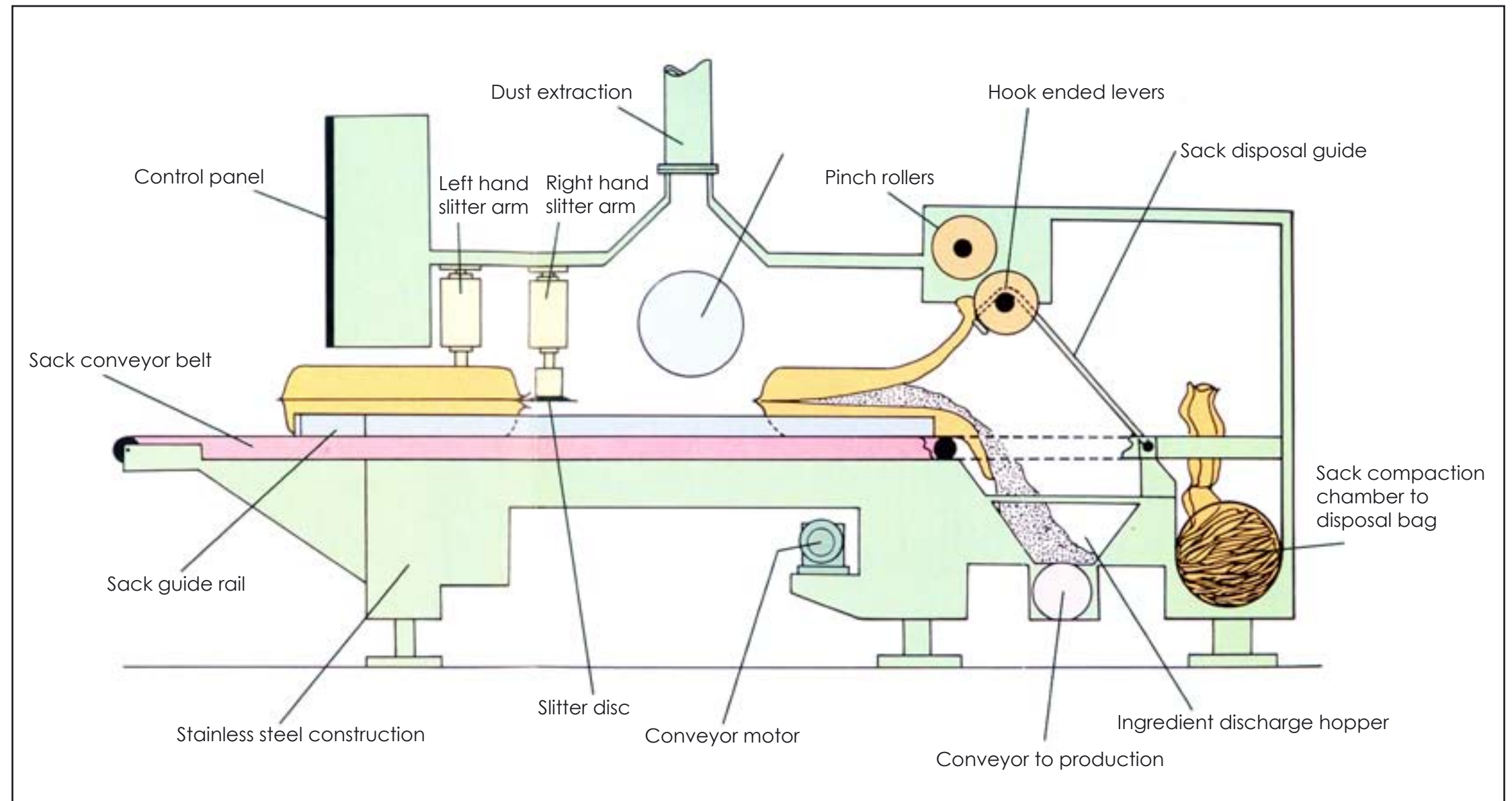
1. When the operator places a sack on the conveyor belt at the feed end of the machine a detector initiates the automatic sequence of actions by the Aeromec™ Automatic Sack Opener (ABO)

2. The sack is cut on three sides, by high-speed slitter discs, the cutting action is clean and therefore minimizes shredding and produces negligible fibrous contamination, a problem found in other makes of ABO.

3. The patented feature of the ABO is the lifting action where by the top of the sack is rapidly raised by hooked levers, which in turn empties the product into the Discharge Hopper

4. The empty sack is then drawn through the pinch rollers which fully empties its contents, it is then fed into an auger type compactor for clean and safe disposal.

5. Discharged material can then be transferred to the next stage of the process by an Aeromec™ Aero Mechanical Conveyor.



Sack enters machine, detector initiates automatic sequence. Slitters can be seen ahead of the sack in this picture



Hook ended levers raise cut sack from belt and separate it from material. Highly efficient recovery is achieved.



Hook ended levers lift sack to pinch rollers. These vibrate to shake out residual product and flatten the sack for easy disposal into compactor



Flattened sacks fall into auger type compactor.