

## AIRCONVEYORS INTERNATIONAL BV delivery programme:

### Transport Systems:

- Air supported beltconveyors (Airconveyors®)
- Trough idler conveyors
- Flat idler conveyors
- Sliding bed belt conveyors
- Weighing scale conveyors
- Chain conveyors
- Refuse scraper conveyors
- Screw conveyors
- Belt-Bucket elevators
- Z-elevators
- Chain-Bucket elevators
- Vibrating conveyors

### Warehouse and Discharging Systems:

- Silos
- Bunkers
- Discharge hoppers
- Bin activators
- Rotary valves
- Slide valves
- Trouser leg valves
- Ducts and chutes in steel, stainless steel or aluminium
- Special conveyors
- Turnkey projects



**Delivery programme  
Lieferungsprogramm**



**airconveyors**  
INTERNATIONAL

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*Leader in:  
Airsupported Beltconveyors  
and Bulk Handling Systems*



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## [ the projects ]



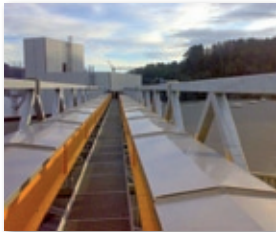
### AIRCONVEYOR® LB400

Length: 5,4 m  
Capacity: 400 kg/h  
Speed: 0,6 m/s  
Material: Detergent  
installed: 2007



### AIRCONVEYOR® LB500

Length: 16 m  
Capacity: 100 tph  
Speed: 1,7 m/s  
Material: Aggregate  
installed: 2008



### AIRCONVEYOR® LB650

Length: 128 m  
Capacity: 100 tph  
Speed: 1,9 m/s  
Material: fish feed  
installed: 2008



### AIRCONVEYOR® LB800

Length: 108 m  
Capacity: 140 tph  
Speed: 2,2 m/s  
Material: wood chip  
installed: 2004



### AIRCONVEYOR® LB1000

Length: 200 m  
Capacity: 640 tph  
Speed: 2,6 m/s  
Material: grain & feed stuff  
installed: 2000

## Airconveyor® the air cushion conveyor

### [ how it works ]

With this system the belt is literally carried on air. Air is blown into the plenum chamber by means of a small fan and enters into the conduit area via holes carefully positioned along the length of the trough.

*The advantages of air supported belt conveyors :*

- Great reliability
- Low energy consumption
- Minimal friction and wear
- Low maintenance costs
- Possibility of a dust tight conveyor
- Suitable for indoors and outdoors operation
- No requirement for walkway or gantry



### [ das System ]

Bei diesem System wird das Band buchstäblich auf Luft getragen. Das Luftpolster wird von einem kleinen Ventilator zwischen dem Band und dem schachtförmigen Rahmen eingeblasen.

*Die Vorteile eines Luftkissenförderbandes :*

- Große Betriebssicherheit
- Geringer Energieverbrauch
- Minimale Reibung und minimaler Verschleiß
- Weniger bis nahezu keiner Wartung
- Möglichkeit zur Staubdichter Ausführung
- Geeignet für Innen- und Außenaufstellung
- Kein Bedarf an Laufstege

