



## Purchasing specifications for conveyancing equipment

### 1. Contact

#### Technical Order Management

Company: .....

Surname: .....

First name: .....

Address: .....

.....

Tel.: .....

Fax : .....

Email: .....

#### Administrative Order Management

Surname: .....

First name: .....

Address: .....

.....

Tel.: .....

Fax : .....

Email: .....

#### Industrial site contact

Surname: .....

First name: .....

Address: .....

.....

Tel.: .....

Fax : .....

Email: .....

### 2. Order focus

Replacement .....       New line .....

Chain conveyor .....

Belt conveyor .....

Screw conveyor .....

Vibrating tunnel / chute .....

Bucket elevator .....

Dense phase pneumatic feed .....

Diluted phased pneumatic feed .....

Other: .....

### 3. Environment

Installation location: .....

.....

**Available volume** (Width x Length x Height):  
 .....m X..... m X .....m

**Upstream flow rate:**...m<sup>3</sup>/h **Downstream flow rate:**  
 m<sup>3</sup>/h

#### Layout

Inside .....       Outside ....       Both .....

#### Special layout restrictions: .....

.....

.....

.....

#### Specific connection features:

Input cross-section (w x l): ..... m x ..... m

Output cross-section (w x l): ..... m x ..... m

Upstream: .....

.....

.....

Downstream: .....

.....

.....  
.....  
**4. Characteristics**

**Conveyancing distance:** .....m

**Conveyancing height:** .....m

**Leaktight** .....

**Desired max. flow rate:** ..... m<sup>3</sup>/h

**Desired min. flow rate:** ..... m<sup>3</sup>/h

**Speed control** .....

**Optimised emptying** .....

**Decompression system**

Static  Static with filter.....   
Dynamic with filter.....

**Number of inputs:** .....

**Number of outputs:** .....

**Thermal insulation** .....

**Colour:** .....

**Chain conveyor**

Type of casing material:.....

Tilt: .....

Chain strength: ..... t or kg/cm<sup>2</sup>

Pallets

Shape: ..... Dimensions: .....

Type of material: .....

Pitch: .....mm

Scrapers .....

Two-way operation .....

Travel speed of ..... m/s to ..... m/s

Hatches

With base replacement .....

With brushing.....

**Belt conveyor**

Type of frame material: .....

Type of belt material: .....

Type of drum material: .....

Automatic tension adjustment.....

Tilt: .....

Shape: .....

Breaking load: ..... t or kg/cm<sup>2</sup>

Two-way operation .....

Travel speed of ..... m/s to ..... m/s

Belt dimensions: .....

Self-cleaning drum .....

Drum seals .....

Belt cleaning system .....

**Screw conveyor**

Type of body material: .....

Type of screw material: .....

Tilt: .....

Tubular .....  Trough-shaped .....

Screw operation

Extraction...  Dosing ..  Conveyance...

Internal diameter: ..... mm

Two-way operation .....

Constant pitch.....  Progressive pitch....

Pitch doubling at the output.....

Removable screw .....

**Vibrating tunnel / chute**

Type of material: .....

Tilt: .....

Suspended .....  Supported .....

Trough-shaped ....  Tubular.....

Number of motors: .....

Vibration mode: .....

**Bucket elevator**

Type of body material: .....

Type of strap material: .....

Type of bucket material: .....

Coated .....

Automatic tension adjustment .....

Number of buckets per metre: .....

Type of godet: .....

Pulley dimensions: ..... mm

Square foot.....  Curved foot.....

Travel speed of..... m/s to.....m/s

Type of emptying process

Gravity .....  Mixed.....  Centrifugal .....

Balancing link between the strands .....

Power supply - upwards strand .....

Power supply - downwards strand.....

Flashing adjustment.....

**Pneumatic conveyance**

Site altitude: ..... m

Type of tank material: .....

Type of piping material: .....

Vertical distance: .....m  
 Horizontal distance: .....m  
 Tilt distance: .....m  
 Number of bend(s): .....  
 Bend angles: .....  
 Internal conveyancing diameter: .....mm  
 Compressor .....       Booster .....   
 Suction .....       Backflow .....   
 Cooling .....       Air cooler .....   
 Sound proofing .....   
 Reception  
 Cyclonic.....       Filter ...      Cyclofilter .....   
 Characteristics: .  
 .....

**Additional comments:** .....  
 .....  
 .....

**5. Conditions of use**

**Multi-purpose line** ...      **Specialised line** .....

**Transferred products (see table on next page)**

**Additional expected performance** (carry-over, etc.): .....  
 .....  
 .....  
 .....

**6. Checks and Safety**

**Clogging sensor** .....

**Material throughput**.....   
**Rotation control** .....   
**Non-return device** .....   
**Strap offset control** .....   
**Emergency stop** .....   
**Motor power / amperage** .....   
**Installation's ATEX zone**  
 20 ..    21 .     22 ..    Off-zone .....   
**Explosion vent** .....   
**Inspection windows** .....   
**Sampling** .....

**7. Cleaning and Maintenance**

This equipment has to be designed to allow easy access for cleaning and maintenance.

**8. Annexes**

Ex. plant.....   
 Carriage paid .....   
 Other (Incoterms) .....   
 Commissioning requirements: .....  
 .....  
 .....  
 Training .....   
 Printed doc.  ..... Doc. CD-ROM .....   
 Spare parts and wear parts .....   
 Terms of after-sales service warranties .....   
 Delivery times: .....  
 Assembly times: .....  
 Commissioning times: .....

**9. Product characteristics**

Products	Presentation (pellets, meal, etc.)	Grain size (µm)	Density (g/l)	Moisture content (%)	Temperature (°C)	Flow range (t/h)	Special features (adhesive, hygroscopic, KST, etc.)

## 10. Layout diagram or Diagram component

