



Sime S.p.A. - ash  
pneumatic conveying



Vamp - plastic granules  
pneumatic conveying



Texcom Engineering - sugar  
pneumatic conveying

Bart-one 80: code 202/01/11  
Bart-one 80 ht: code 203/01/11

Bart-one 150-300-600-900: code 204/01/11  
Bart-one 150-300-600-900 ht: code 205/01/11

Available from

**Filquip Pty Ltd**

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Innovative solutions  
for bulk materials  
handling

## BART-ONE LINE



*also available for  
high temperatures*

*Cutting edge technology for transports  
up to 70 meters*

Fragile  
materials

Abrasive  
materials

Products  
blends

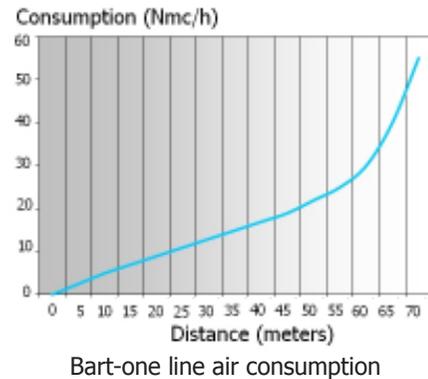
Suitable as a  
metering  
system



The Bart-one line comprises: Bart-one 80 and Bart-one 150 - 300 - 600 - 900. The vessels are available in mild steel, AISI 304, AISI 316, for high temperatures up to 200° C and for ATEX 21 and ATEX 22 settings.

### Bart-one 80

Bart-one 80 is suitable for transport up to 50 meters (140 feet) with a capacity of 80 litres and a pressure limit up to 4,5 bar (tested till 6 bar according the PED - European Pressure Equipment Directive). Bart-One has a capacity up to 2 tons/h and a loading mouth of 200mm in diameter and an unloading mouth of 2", 3" and 4".



### Bart-one 150 - 300 - 600 - 900

Transporters are available in four different capacities: 150, 300, 600 and 900 litres. All of them have a capacity from 3 to 20 tons/h and are equipped with an advanced control system of introduced air. They are suitable for transport up to 70 metres (200 feet) and for pressure up to 6 bar and have a loading mouth of 200 and 250mm in diameter.

### How the system works

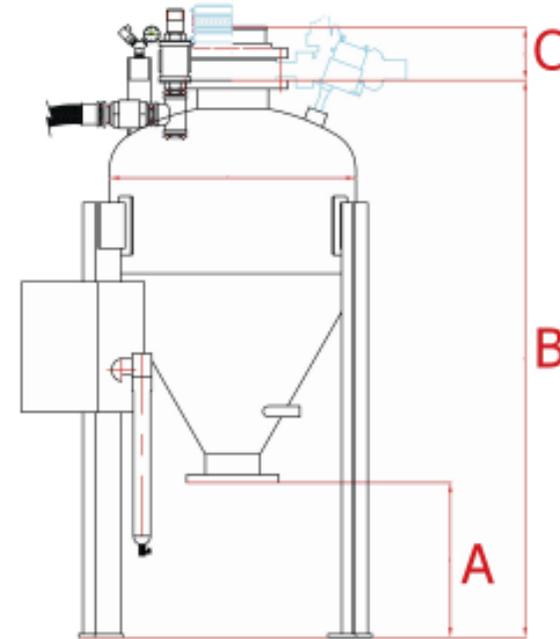
Air-Tec system's technology allows the movement of powders and granules inside of a pipeline. The system is completely closed with a few moving parts and it distinguishes itself by high internal cleaning and reduced maintenance costs.

Bart-one transporters are used both with the conventional method (the line of transport is emptied after each loading) and full pipeline conveying or with a full pipe. The **low velocity** preserves the quality of the transported material but also the condition of the pipeline.

The system uses a **reduced quantity of air** with a resulting energy saving.

Values are indicative and can vary depending on material and distance.

### Dimensions



Type	Capacity (litres)	Weight (kg)	Diameter (mm)	Inlet Valve (Ø)	Number of jets	A (mm)	B (mm)	C (mm)
Bart-one 80	85	124	600	200	2	380	1162	160
Bart-one 150	142	145	762	200	2	390	1365	160
Bart-one 300	283	196	762	200	2	475	1710	160
Bart-one 600	566	351	1067	250	2	524	1986	168
Bart-one 900	850	417	1067	250	2	600	2345	168

360° rotating outlet  
Noise level less than 70 dBA  
Fluidifying jet

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