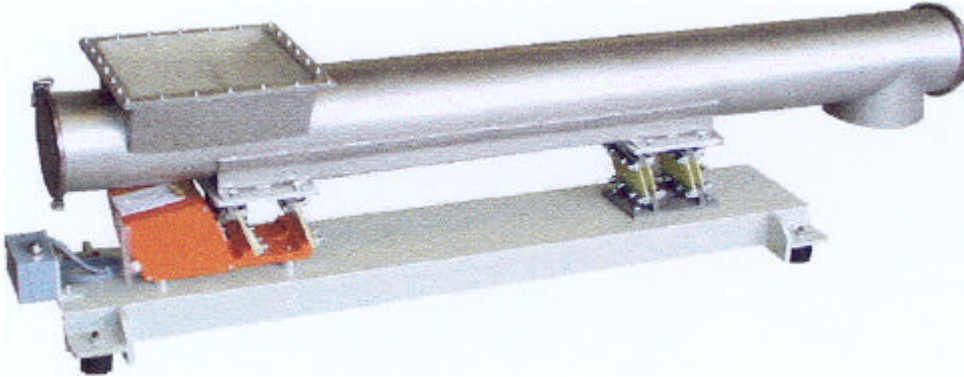




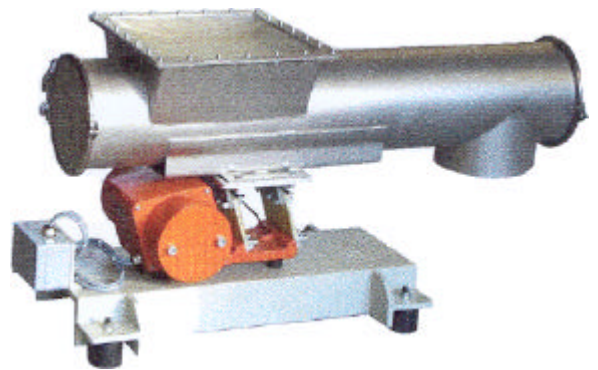
Arbo Engineering
3 White Horse Rd, Unit 4
North York, On M3J3G8
Canada

Tel (416) 636-7057 Fax (416)-630-9135
Email info@arbo-feeders.com
<http://www.arbo-feeders.com>

Type: AF 14 / 168 x 1300 (590)



The vibratory tube conveyor **AF 14 1 168 x 1300** mm and **AF 14 1 168 x 590** consist of an electromagnetic vibratory drive type AF 14 with tachometer feed back, a spring station (168 x 1300 mm), a conveyor tube made of stainless steel, u-shaped supporting beam with rubber feet and a junction box. This configuration combined with an ARBO resonance frequency controller, allows feed rates of approx. 5 t/h (depending on the product)



1.1 MECHANICAL DESIGN

1.1) Material and construction features

1.1.1) basic design

- Support: Carbon steel st37 primed and shellacked with added rubber feet
- Vibratory tube: Stainless steel no. 1.4301 with quick clamp closures, all welding seams outside rough cast, inside smooth ground 220 grit finish, outside glass blasted.
- Vibratory drive: ARBO Resonance frequency drive type AF14 made of cast iron primed and shellacked, with amplitude frequency sensor for operation in resonance frequency
- Spring station: Casting aluminium with GFK springs
- Junction box: Aluminium die casting primed and shellacked

2.1 ELECTRICAL EQUIPMENT

2.1) drive unit

- vibratory drive type AF 14
N: 136 VA U: 1. 0.75 A
U: 220 VAC

2.3) dust protection

- vibratory drive: IP 55
- junction box: IP 65
- cable glands: IP 68