



AMCL Air Slide Bulk Transporters



Applications :

- | Cement
- | Fly Ash
- | Alumina
- | Food Grains
- | Talc
- | Powdered Lime

Features :

- | Bulk Handling
- | Low Maintenance
- | Low Power Consumption
- | Tamper Proof
- | Enviro Friendly
- | Low Handling Losses

(for bulk movement of non-inflammable powdery products)

AMCL Air Slide type bulk transporters are specially designed for transporting and pneumatically discharging granular as well as powdered materials and have a superior discharge performance with minimum residue. They are suitable for a wide range of material like ● Fly ash ● Cement ● Moulding sand ● Calcium carbonate ● Talc ● Food grains ● Synthetic resin ● Quick lime etc. Particle size up to 5mm dia can be effectively handled. The AMCL bulk transporters are available for mounting on rigid chassis as well as semi trailer with varied bulk transporter capacities. Customised bulk transporting solutions are offered to suit specific industry needs. To suit different industrial applications, the AMCL bulk transporters are available in several sizes.

Models

- Chassis mounted - 30m³, 34m³
 - Semi-trailer type - 38m³, 45m³, 50m³, 56m³
- * Kindly consult us for suitable chassis model before buying.

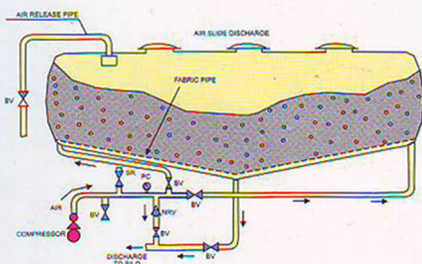
Principle of Operation

● **Loading**

Material bulk loading is done through the man holes provided on the top of the tank. The man holes are secured air-tight after loading for transportation.

● **Unloading**

Compressed air at 1.95 kg/cm² available at the unloading station is required to agitate the tank through perforated fabric pipes provided at the bottom of the tank and also in the discharge piping (fig i). Due to the agitated state of the material, it is discharged through the outlet port into the receiving station. The discharge condition is shown in the schematic drawing (fig i).



Working Principle (Fig (i))



Rigid Chassis Mounted Bulk Transporter

Features of AMCL Bulk Transporters

- Eliminates need of packing in bags and expenses thereof.
- Transport in closed tank assures quality and quantity of material.
- No environment pollution.
- Easy operation by single operator.
- Near 100% evacuation to heights up to 45m. Discharge rates depending on material transported.
- Proven design, light weight tank gives low tare weight and better fuel efficiency.
- Sand blasting & a special anti-corrosive paint for long life.
- Reputed make of accessories for long trouble free operation.

In view of continuous product development, the information given herein is likely to change without prior notice



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