

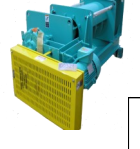
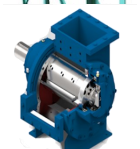


# ALLOY HARDFACING

*Evolving to meet YOUR Needs....*

## Blow Tank

Simple, Cost Effective Transport



- ◆ ASME Design
- ◆ Rapid Fill
- ◆ Reliable
- ◆ Clean
- ◆ Cost Effective
- ◆ Low Maintenance
- ◆ Easy Installation

Blow Tanks offer the quickest method of filling batch processing vessels, as well as providing one of the lowest costs.

Blow tanks have been the "work horse" of the industry for many years.

Once installed, blow tanks transfer materials long distances, nearly instantaneously with few moving parts, keeping maintenance to a minimum.

All Alloy Blow Tanks are manufactured to the stringent specifications of the A.S.M.E. Code, assuring you a safe vessel with extended life.



*This Alloy Incline Blow Tank avoids tank pits and keeps all operational parts in operator view.*

- ◆ Alloy offers Vertical, Incline and Horizontal Style Tanks.
- ◆ Your tank can be constructed of Heavy Carbon or *Stainless Steel*.
- ◆ All Alloy Tanks are constructed to A.S.M.E. Pressure Vessel Standards and are certified with the National Board.
- ◆ Available in sizes from 30 to 230 cubic foot capacity, there is an Alloy Blow Tank available to meet your process needs.
- ◆ Alloy will customize your Tank to meet your process or space requirements.



**ALLOY HARDFACING & ENGINEERING CO., INC.**

20425 Johnson Memorial Drive, Jordan, MN 55352

Voice: 800-328-8408 or 952-492-5569 Fax: 952-492-3100

[www.alloyhardfacing.com](http://www.alloyhardfacing.com) email: [salesinfo@alloyhardfacing.net](mailto:salesinfo@alloyhardfacing.net)



## TYPICAL APPLICATIONS:

- ◆ Ground Raw Materials
- ◆ Unground Organs
- ◆ Unground Lungs
- ◆ Fluidized Materials

### STANDARD FEATURES INCLUDE:

- Dual Steam or Air Inlets
- Boiler Style Service Access "Manway"
- Level Sensor Fitting
- Fat Addback Fitting

### Customize to Meet Your Needs

Alloy Blow Tanks are offered with all the customizing options needed to meet your process needs, including:

#### Automated Knife Gate Valves

Equipped with either pneumatic or hydraulic actuators, inlet and outlet knife gates can be automated to open and close based on duration or volume.

#### Level Sensors

Radio Frequency (RF) Level Sensors provide reliable signals for automating your process regardless of the material.

#### Load Cells

For customers needing accurate mass information to trigger the process, Alloy offers a load cell option.

#### Strain Gauges

These gauges are mounted to the tank support frame, offering a lesser cost option to load cells.

### Custom Configurations

Available as vertical, horizontal and inclined configurations, your process needs can be met with a minimum of floor space and inconvenience.



### Capacities:

Available from 30 to 230 Cubic Foot capacity to meet your requirements.

### Material Choices:

Blow Tanks are available in Heavy Carbon Steel or *Stainless Steel* construction.



**Alloy Hardfacing & Engineering Co., Inc.**  
20425 Johnson Memorial Drive, Jordan, MN 55352

800-328-8408 or 952-49ALLOY Voice 952-492-3100 Fax  
www.Alloyhardfacing.com Email Salesinfo@alloyhardfacing.net