



ALLOY HARDFACING

Evolving to meet YOUR Needs....

Flash Chamber

- ◆ Higher Value meal
- ◆ Lower Cost per Ton



Traditional feather processes require a post hydrolyzing depressurizing cycle typically referred to as bleed off.

The Alloy High Protein High Digestibility system (HPHD) does away with this 15-20 minute cycle and utilizes the hydrolyzation pressure to evacuate the hydrolyzer in less than a minute. The net effect is that 20-25 minutes are removed from the cycle.

The Alloy Flash Chamber is a specialized cyclone that makes this possible.

Based on the volumetrics of a hydrolyzer the flash dome is sized to permit the expansion of the vapors permitting the release of up to 5 percent of the feather moisture to flash off in a matter of seconds.

Constructed of all stainless Steel contact materials and equipped with a velocity belt on the interior of the dome the materials, which are moving at high velocity, expand releasing moisture and then drop into our enclosed Hydrolyzed Protein



By eliminating the bleed down cycle and the post drying of the feathers in the hydrolyzer increased capacities are reached for the hydrolyzing line and perhaps more importantly the protein level and digestibility of the meal is increased!

Experience has shown we can hydrolyze the feathers from over 250,000 birds in a single 5x16 Alloy Hydrolyzer

Alloy has the experience to help you make your hydrolyzing process more effective and more efficient.

Let our Applications group show you how you can produce a better meal at a lower cost per ton.

ALLOY HARDFACING & ENGINEERING CO., INC.

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