



Custom process designs and rendering solutions for a **sustainable tomorrow**



# Feather Dewatering Press

## Squeeze profit out of your feather process

### RETURN ON INVESTMENT

The decision to purchase an Alloy dewatering press, typically comes down to a rapid pay-back, or the need to increase plant capacity without investing in hydrolyzers or dryers.

- Reduced transportation costs if processing plant and rendering are not at same location
- Reduced hydrolyzer steam requirements
- Increased feather plant throughput

### What can I expect for moisture and weight reduction?

- Moisture reduction from 60%-75% at input of dewatering press to 50%-55% after press
- Weight reduction of up to 50%
- **TYPICAL EXAMPLE-** 10,000 LB/HR after flume and rotary screen at 72% moisture, reduced to 54% moisture after the press:

PRIOR TO DEWATERING PRESS	AFTER DEWATERING PRESS
72% WATER	54% WATER
Water - 7,200 LBS	Water - 3,287 LBS
Solids - 2,800 LBS	Solids - 2,800 LBS
<b>Total - 10,000 LBS</b>	<b>Total - 6,087 LBS</b>

**45% Water Reduction**  
3,913 LBS

Alloy has been an industry leader in feather dewatering press technology since 1985!

### DEWATERING PRESS FEATURES

- Extra heavy rendering equipment construction
- Solid 6" shaft of high grade steel
- Flighting up to 1" thick
- Low connected horsepower and shaft mount drives
- Sizes from 5,000 LB/HR up to 40,000 LB/HR



**CONTACT ALLOY**

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