

# AccuFlake™ PRO Holder with ProFlake™ Blades

**Challenge** A U.S. based food ingredient manufacturer started production on two new sets of atmospheric, double drum dryers. Using the clamped holders and thick metal blades supplied by the OEM, the manufacturer could not fully remove the dried product from the drum surface. Attempts to profile the thick metal blade by tightening the thumb screws led to roll damage. To qualify the production process, a control system was implemented that continuously raised and lowered the blades on and off the roll which resulted in significant yield losses.

**Solution** Kadant Solutions recommended an AccuFlake PRO blade holder conversion to reduce process issues. Additionally, Kadant Solutions recommended the ProFlake, long-life, metal blade.

**Results** One week after installing the first AccuFlake PRO holder conversion with ProFlake blades, the side-by-side performance of the new system contrasted dramatically with the three poorly performing drums. The mill immediately placed an order for three additional conversions. Six months after installing the first conversion, the customer saw a 15-20% yield increase and reduced maintenance costs associated with replacement blades.

## Highlights

- Effective product removal at lower pressure led to longer blade life and minimized risk to drum surface.
- Longer blade life
- Easier maintenance
- Increased yield
- Blade changes in less than two minutes

