

# MIXING THINGS UP

## APPLICATION SUCCESS WITH AMPCO



### PROCESSED PRODUCT - PROBIOTIC KOMBUCHA

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### PI-R15-210TC / SHEAR-BLEND

#### INDUSTRY

Beverage

#### CHALLENGE

Introducing 650 pounds of sugar into a tea mix. Customer was dumping 50 pound bags of sugar manually into the top of a 2000 gallon tank then adding 5 gallons of liquid flavoring. The lifting created safety issues for the workers and the process was not resulting in a smooth consistent mix.

#### SOLUTION

AAP recommended the powder induction unit PI-R15 with a 7½ hp motor. This unit is capable of inducing up to 150 pounds per minute under optimal conditions. The ergonomic ground level induction table eliminated the need to lift the heavy bags to the top of the tank and also provides a smooth blend with no lumps. A single recirculation of the batch makes for a consistent blend of the liquid flavoring.