



# A MOOVING CASE STUDY

## 23 BILLION GALLONS OF MANURE AND COUNTING

### Overview:

Cottonwood Dairy, located in South Wayne, Wisconsin, is a large-scale dairy operation milking 2,000 Holstein cows. Effective manure management is critical for the operation, as it directly impacts efficiency, environmental compliance, and overall farm productivity. The dairy has relied on Vaughan equipment for almost two decades. When manure handling needs began to grow around 2017, Cottonwood Dairy knew they could turn to Vaughan for the equipment durability and reliable performance required for such a heavy-duty application like their sand lane.

### Challenges:

Managing sand lane waste and handling large volumes of manure generated daily by 2,000 cows requires robust and reliable equipment. Equipment downtime or failure would disrupt operations, increase maintenance costs, and create environmental risks. Cottonwood Dairy needed a solution capable of running continuously under demanding conditions while minimizing operational interruptions.

### Solutions:

Cottonwood Dairy implemented the following Vaughan equipment for their sand lane:

**Vaughan Turbo-S Mixer:** Operating 24/7 for over seven years, this mixer has effectively mixed approximately 23 billion gallons of manure without requiring maintenance.

**8" Vaughan Chopper Pump:** This pump has handled the transport of 730 million gallons of manure over the same period, requiring minimal maintenance and no rebuilds.



Vaughan Turbo-S Mixer

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