

ENGINEERING
PERFORMANCE



Pace of Production

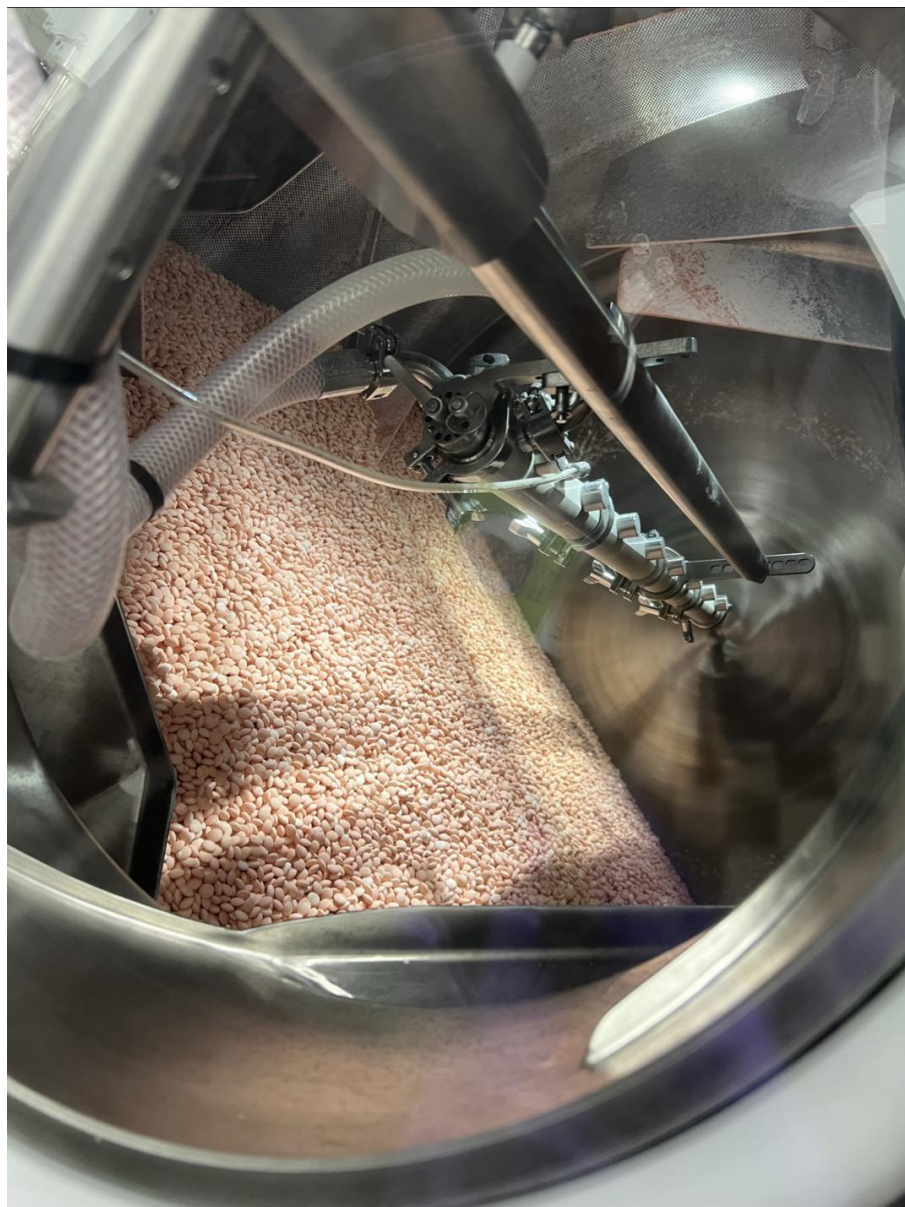
Executed to increase capacity and time to market along with efficient use of raw material

Quality & Validation

Designed to meet everchanging quality and validity standards across multiple platforms

Batch Analytics

Programmed to share predictive analytics and heighten business cognizance as well as meet increasing product demand



SUGAR-COATING

AGILITY | FLEXIBILITY | EFFICIENCY

Huffman Engineering, Inc.'s vast experience within life sciences and pharmaceuticals and the specific technique of sugar-coating tablets allows us to bring our expertise to a complex process in tablets oral dose manufacturing. Automation and Control systems focus on precision & consistency between batches. Our automated coating systems ensure uniform thickness and quality, critical for dose accuracy and regulatory compliance. Additionally, the benefits of sugar coating in the tablet pharma industry include:

- Coating shields sensitive tablets from humidity and light, preserving potency and shelf life
- Advanced coating systems enable modified drug release for better therapeutic outcomes
- Coatings allow easy identification of different dosages or formulations, reducing medication errors
- Smooth surface reduces irritation in the esophagus and stomach compared to uncoated tablets
- Color coating in addition to sugar coating allows tablets to be easily identifiable name brands and eliminate confusion to the consumer